

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016338.D
 Acq On : 14 Nov 2023 10:31
 Operator : SY/MD
 Sample : VY1114SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 14 19:01:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	162837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	262894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	230119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	106612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78317	52.623	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.240%			
35) Dibromofluoromethane	7.734	113	81004	54.241	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.480%			
50) Toluene-d8	10.191	98	317010	52.346	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.700%			
62) 4-Bromofluorobenzene	12.495	95	103349	52.544	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	30126	18.894	ug/l	100
3) Chloromethane	2.125	50	33374	17.872	ug/l	99
4) Vinyl Chloride	2.260	62	34831	17.346	ug/l	94
5) Bromomethane	2.662	94	22503	17.053	ug/l	95
6) Chloroethane	2.808	64	22726	17.737	ug/l	99
7) Trichlorofluoromethane	3.137	101	56459	19.326	ug/l	97
8) Diethyl Ether	3.546	74	16928	19.388	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.918	101	33856	19.242	ug/l	95
10) Methyl Iodide	4.113	142	32689	17.202	ug/l	99
11) Tert butyl alcohol	4.979	59	10333	88.663	ug/l #	84
12) 1,1-Dichloroethene	3.893	96	30448	18.504	ug/l	85
13) Acrolein	3.747	56	13069	92.971	ug/l	97
14) Allyl chloride	4.497	41	44455	19.038	ug/l #	91
15) Acrylonitrile	5.186	53	34245	98.833	ug/l	99
16) Acetone	3.960	43	27365	111.160	ug/l #	87
17) Carbon Disulfide	4.216	76	81592	16.434	ug/l	98
18) Methyl Acetate	4.497	43	26009	19.883	ug/l #	90
19) Methyl tert-butyl Ether	5.241	73	78145	19.621	ug/l	98
20) Methylene Chloride	4.741	84	37336	19.334	ug/l #	88
21) trans-1,2-Dichloroethene	5.247	96	35126	18.540	ug/l	89
22) Diisopropyl ether	6.137	45	98498	19.573	ug/l #	89
23) Vinyl Acetate	6.082	43	236760	97.095	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	61695	19.872	ug/l	98
25) 2-Butanone	7.003	43	44312	102.766	ug/l #	85
26) 2,2-Dichloropropane	7.003	77	54684	19.353	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	39768	19.477	ug/l	91
28) Bromochloromethane	7.350	49	23712	20.637	ug/l	90
29) Tetrahydrofuran	7.368	42	27196	95.423	ug/l	90
30) Chloroform	7.521	83	64323	19.905	ug/l	97
31) Cyclohexane	7.807	56	52743	18.000	ug/l	87
32) 1,1,1-Trichloroethane	7.722	97	58662	19.803	ug/l	97
36) 1,1-Dichloropropene	7.935	75	48370	18.653	ug/l	98
37) Ethyl Acetate	7.088	43	19853	18.948	ug/l #	94
38) Carbon Tetrachloride	7.917	117	52629	19.555	ug/l	96
39) Methylcyclohexane	9.197	83	58334	18.053	ug/l	93
40) Benzene	8.179	78	141440	19.414	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	11772	22.283	ug/l #	89
42) 1,2-Dichloroethane	8.252	62	38137	20.203	ug/l	94
43) Isopropyl Acetate	8.289	43	38622	19.070	ug/l #	91
44) Trichloroethene	8.953	130	40756	19.465	ug/l	94
45) 1,2-Dichloropropane	9.234	63	34394	19.657	ug/l	95
46) Dibromomethane	9.319	93	18782	19.809	ug/l	97
47) Bromodichloromethane	9.514	83	49077	20.133	ug/l	97
48) Methyl methacrylate	9.307	41	21687	19.375	ug/l	88
49) 1,4-Dioxane	9.313	88	3943	391.709	ug/l #	58
51) 4-Methyl-2-Pentanone	10.081	43	99684	97.333	ug/l	91
52) Toluene	10.258	92	89920	19.525	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	46622	19.729	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	56370	19.972	ug/l #	89
55) 1,1,2-Trichloroethane	10.660	97	26527	20.298	ug/l	94
56) Ethyl methacrylate	10.526	69	24275	19.678	ug/l #	83
57) 1,3-Dichloropropane	10.801	76	44802	20.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	81264	97.149	ug/l	93
59) 2-Hexanone	10.843	43	78786	103.422	ug/l	90
60) Dibromochloromethane	10.996	129	33382	20.424	ug/l	100
61) 1,2-Dibromoethane	11.105	107	25119	20.175	ug/l	100
64) Tetrachloroethene	10.734	164	39530	19.131	ug/l	97
65) Chlorobenzene	11.532	112	95322	19.388	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	36336	20.038	ug/l	99
67) Ethyl Benzene	11.605	91	170337	19.278	ug/l	100
68) m/p-Xylenes	11.715	106	129804	38.732	ug/l	96
69) o-Xylene	12.044	106	59744	19.200	ug/l	99
70) Styrene	12.057	104	88834	19.938	ug/l	98
71) Bromoform	12.221	173	19247	20.455	ug/l #	97
73) Isopropylbenzene	12.343	105	167698	19.425	ug/l	99
74) N-amyl acetate	12.154	43	31960	18.430	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	28289	20.421	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	20395m	19.942	ug/l	
77) Bromobenzene	12.624	156	38929	19.951	ug/l	95
78) n-propylbenzene	12.684	91	197708	19.378	ug/l	99
79) 2-Chlorotoluene	12.770	91	109362	19.450	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	134585	19.335	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	9361	19.867	ug/l	91
82) 4-Chlorotoluene	12.867	91	114270	19.668	ug/l	99
83) tert-Butylbenzene	13.087	119	119414	19.477	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	134977	19.694	ug/l	98
85) sec-Butylbenzene	13.264	105	171755	19.609	ug/l	100
86) p-Isopropyltoluene	13.379	119	148139	19.642	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	74173	19.759	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	72445	19.747	ug/l	98
89) n-Butylbenzene	13.709	91	137082	19.681	ug/l	98
90) Hexachloroethane	13.971	117	28081	19.301	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	62834	19.534	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3980	18.058	ug/l	89
93) 1,2,4-Trichlorobenzene	15.019	180	35370	18.838	ug/l	97
94) Hexachlorobutadiene	15.123	225	21514	20.000	ug/l	98
95) Naphthalene	15.251	128	60757	18.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	28677	18.466	ug/l	99

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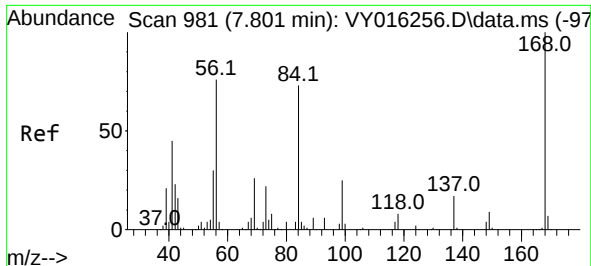
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

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Quant Title : SW846 8260
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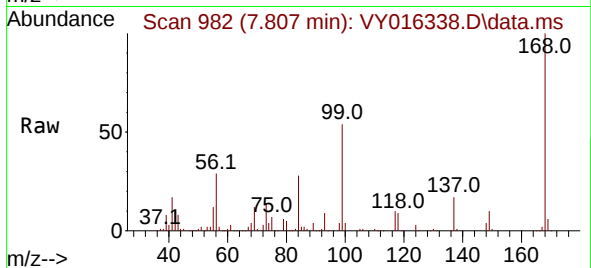
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
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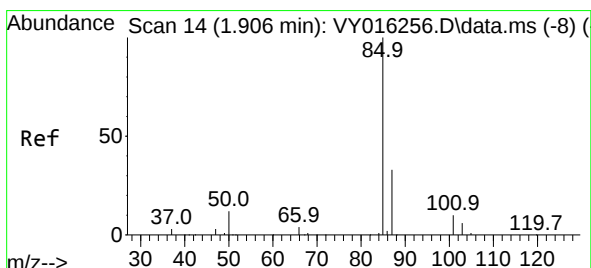
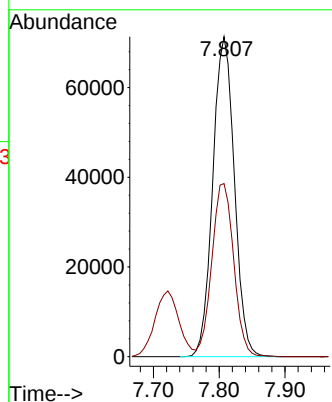
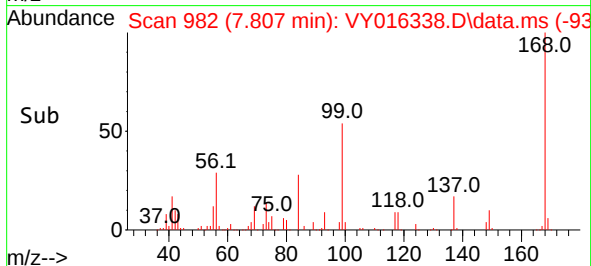
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion:168 Resp: 16283
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0

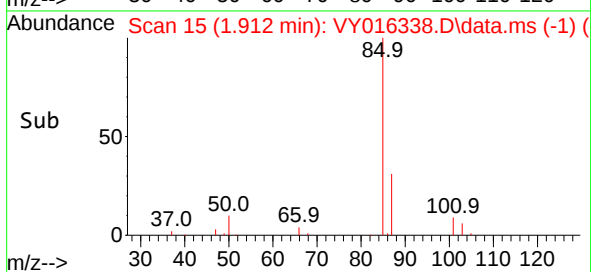
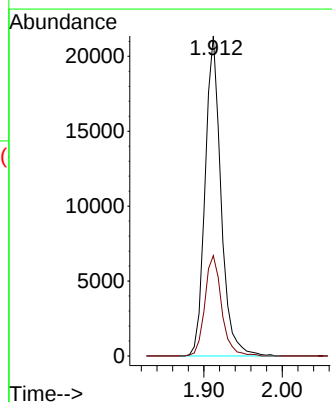
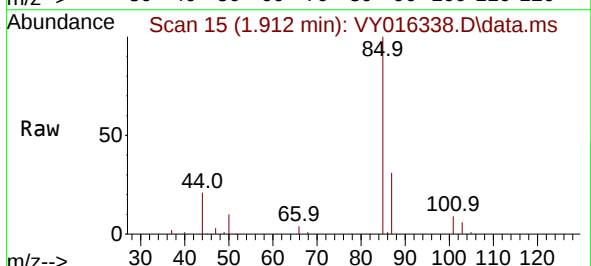
Manual Integrations
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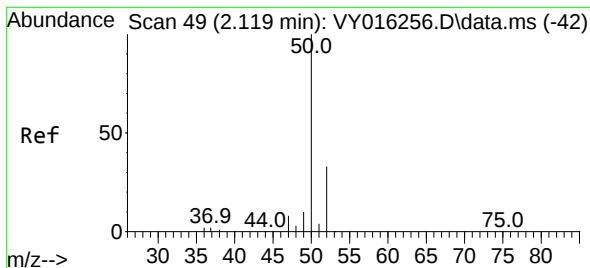
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#2
Dichlorodifluoromethane
Concen: 18.894 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion: 85 Resp: 30126
Ion Ratio Lower Upper
85 100
87 31.4 15.6 46.8





#3

Chloromethane

Concen: 17.872 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

Tgt Ion: 50 Resp: 33374

Ion Ratio Lower Upper

50 100

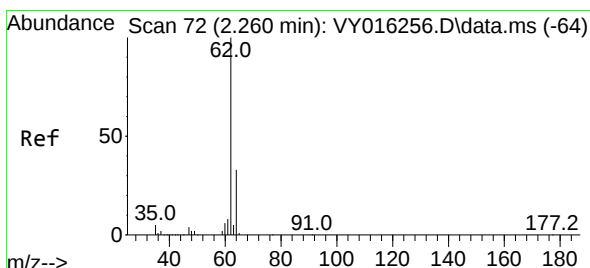
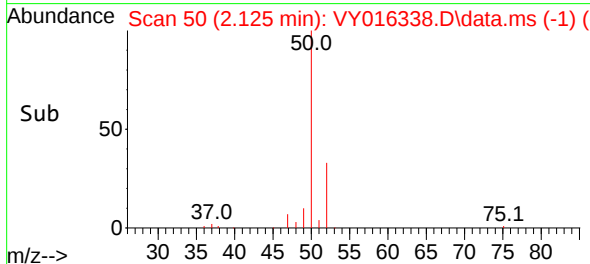
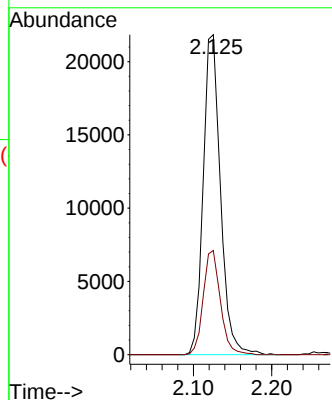
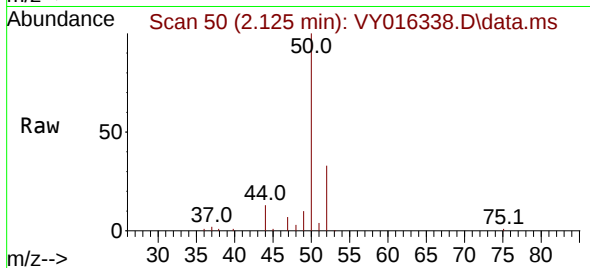
52 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#4

Vinyl Chloride

Concen: 17.346 ug/l

RT: 2.260 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016338.D

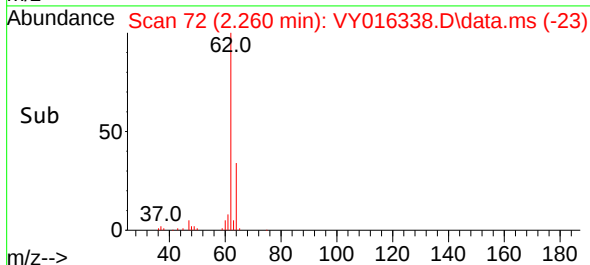
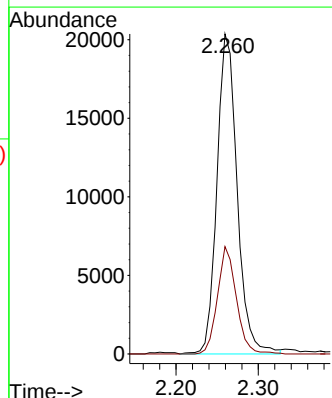
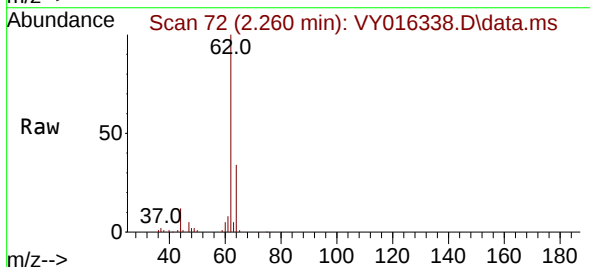
Acq: 14 Nov 2023 10:31

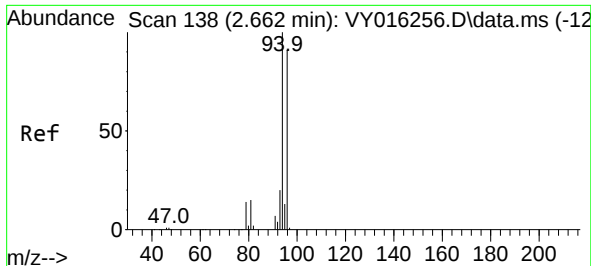
Tgt Ion: 62 Resp: 34831

Ion Ratio Lower Upper

62 100

64 33.5 24.3 36.5





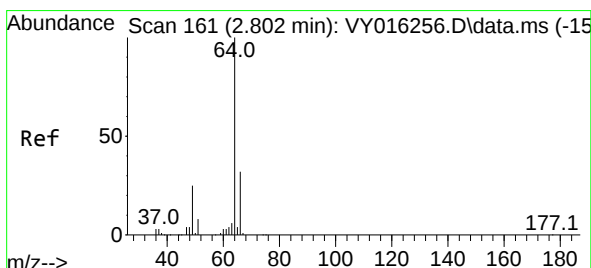
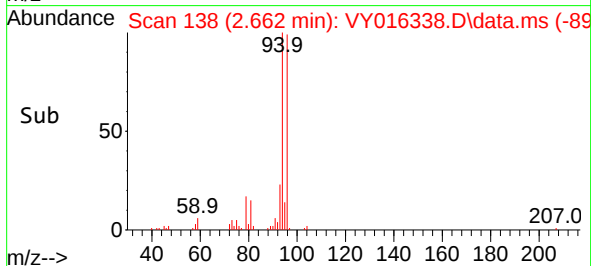
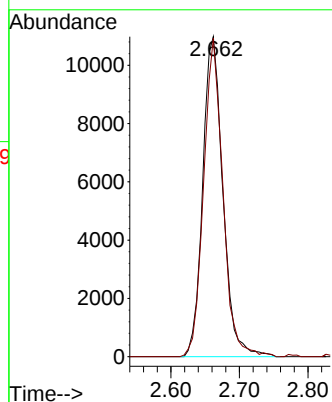
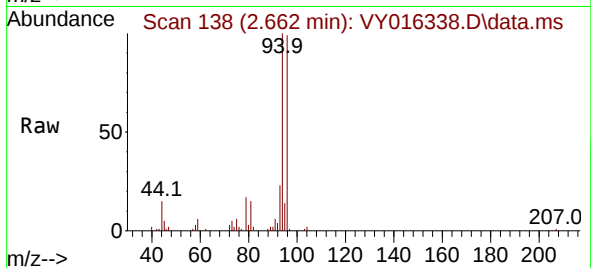
#5
Bromomethane
Concen: 17.053 ug/l
RT: 2.662 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

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Tgt Ion: 94 Resp: 2250
Ion Ratio Lower Upper
94 100
96 99.5 75.8 113.6

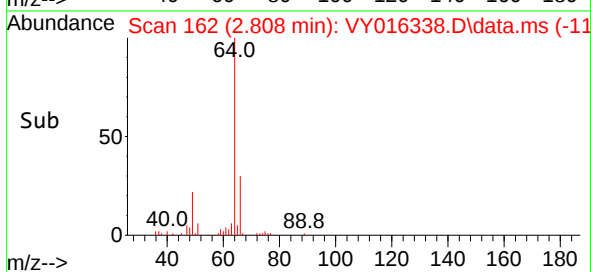
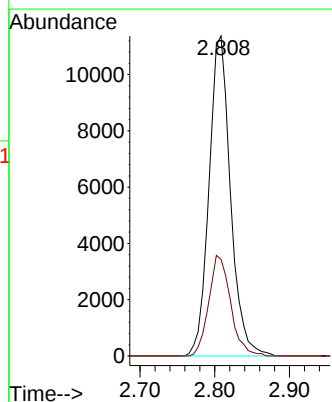
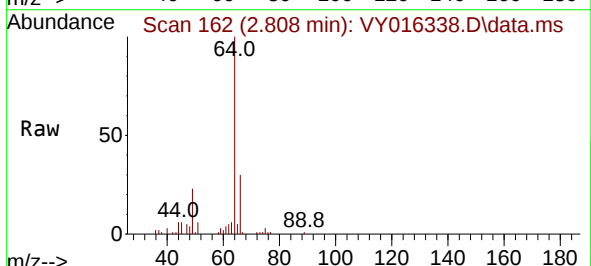
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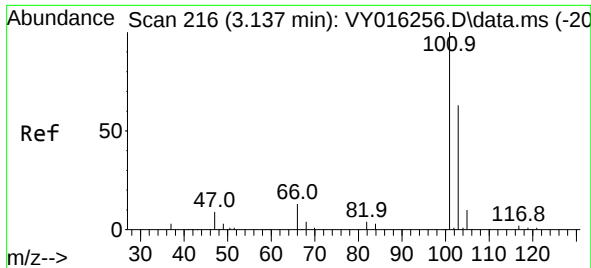
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#6
Chloroethane
Concen: 17.737 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion: 64 Resp: 22726
Ion Ratio Lower Upper
64 100
66 30.2 24.4 36.6





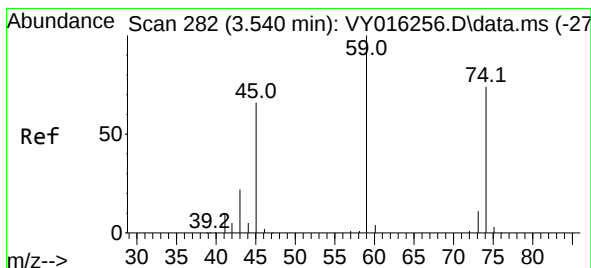
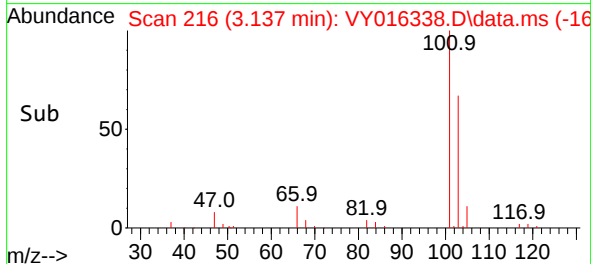
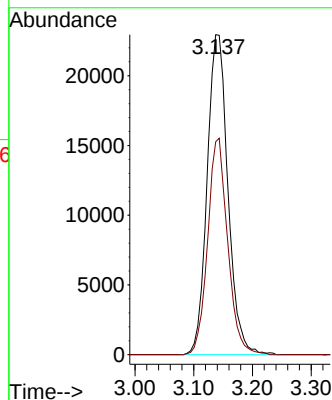
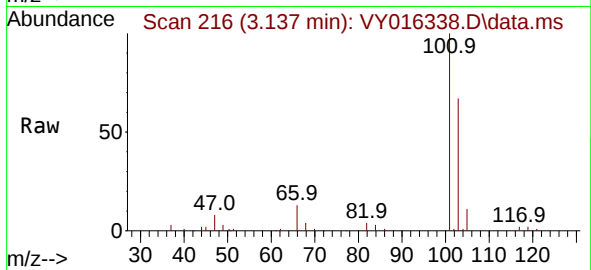
#7
Trichlorofluoromethane
Concen: 19.326 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion:101 Resp: 5645
Ion Ratio Lower Upper
101 100
103 66.6 51.4 77.0

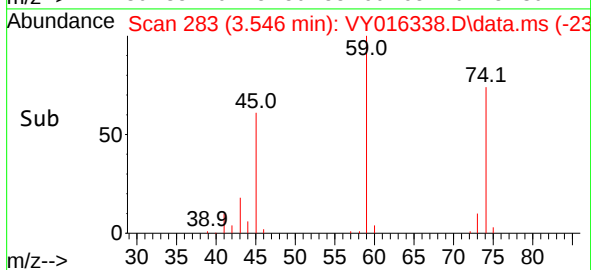
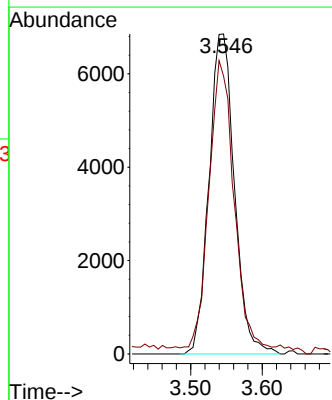
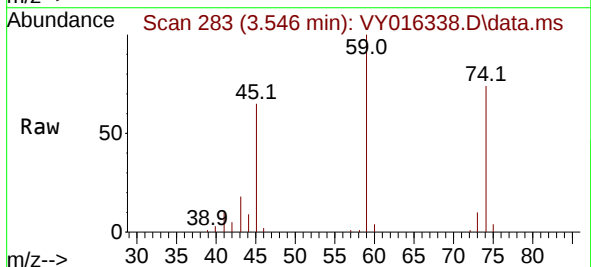
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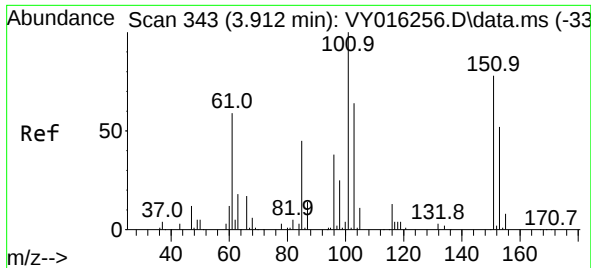
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#8
Diethyl Ether
Concen: 19.388 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion: 74 Resp: 16928
Ion Ratio Lower Upper
74 100
45 86.7 51.5 154.5





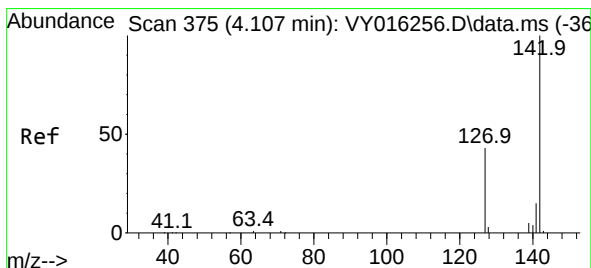
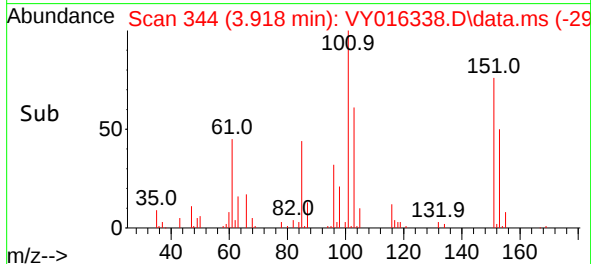
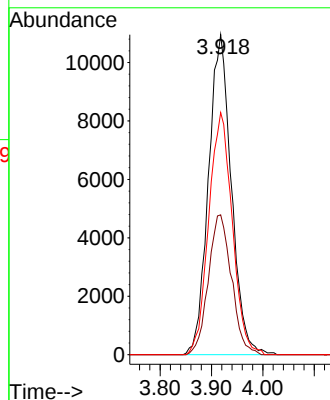
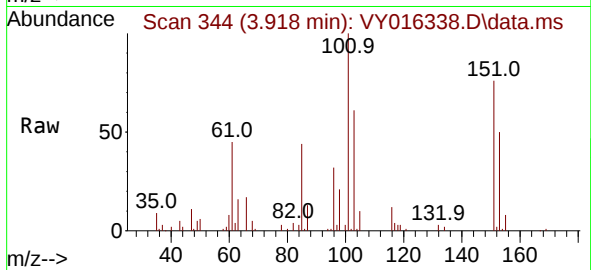
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.242 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion:101 Resp: 33850
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 77.8 67.0 100.6

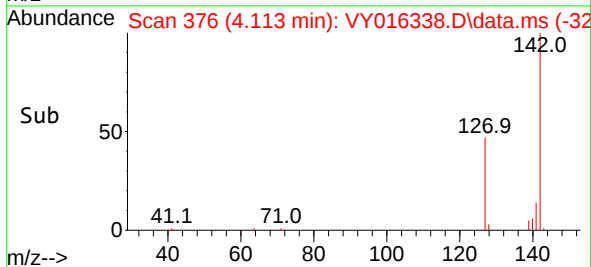
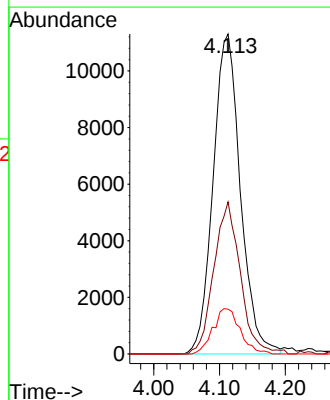
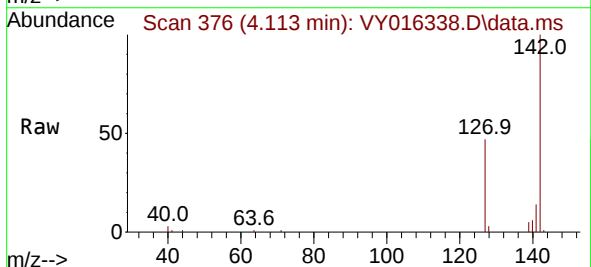
Manual Integrations
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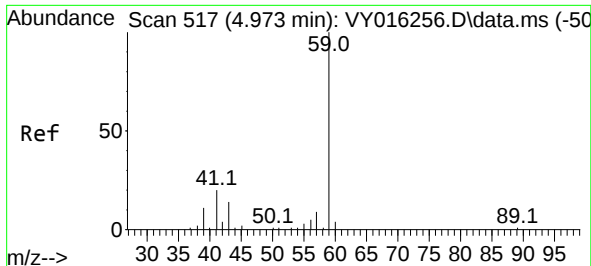
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#10
Methyl Iodide
Concen: 17.202 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion:142 Resp: 32689
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 14.1 11.8 17.8





#11

Tert butyl alcohol

Concen: 88.663 ug/l

RT: 4.979 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

Tgt Ion: 59 Resp: 1033

Ion Ratio Lower Upper

59 100

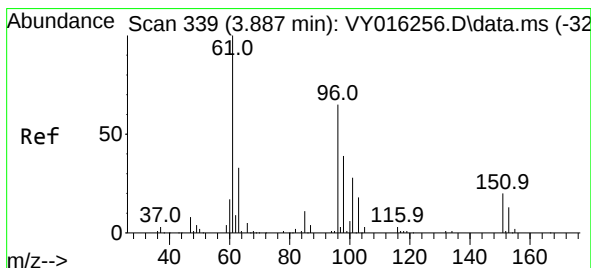
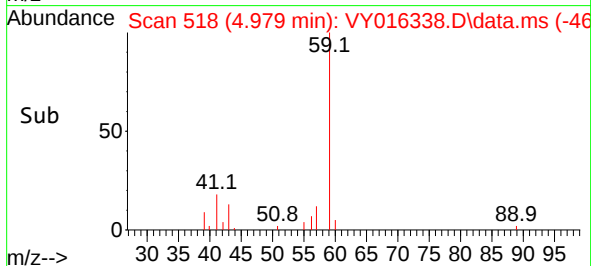
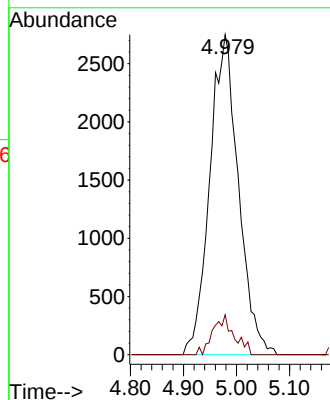
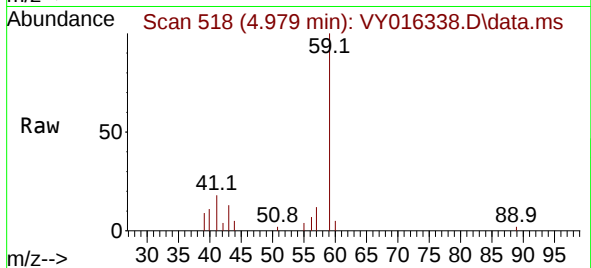
57 9.1 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#12

1,1-Dichloroethene

Concen: 18.504 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

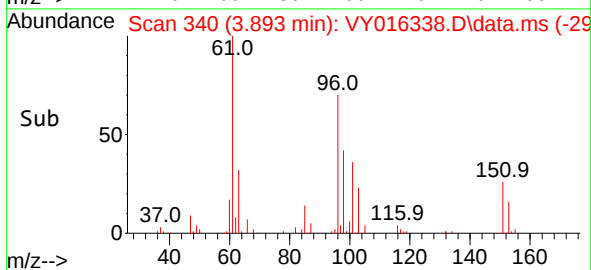
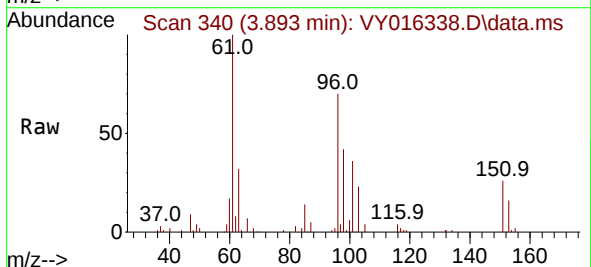
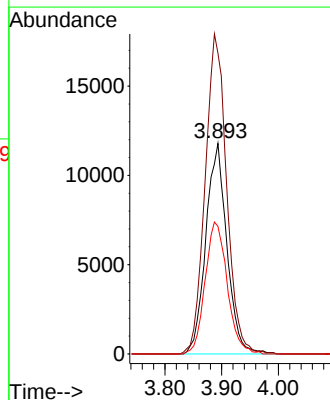
Tgt Ion: 96 Resp: 30448

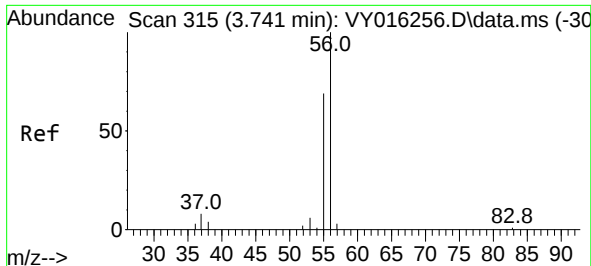
Ion Ratio Lower Upper

96 100

61 142.7 136.4 204.6

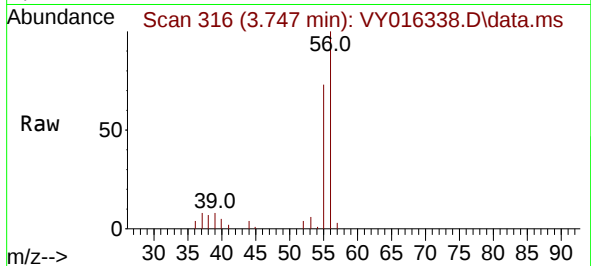
98 60.5 49.4 74.2





#13
Acrolein
Concen: 92.971 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

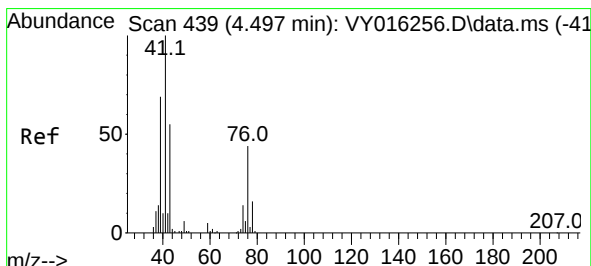
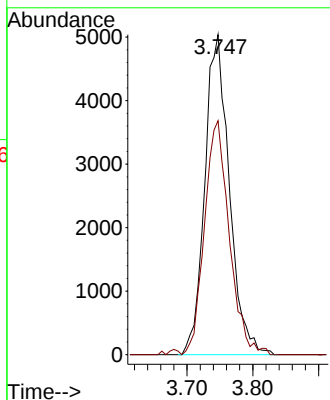
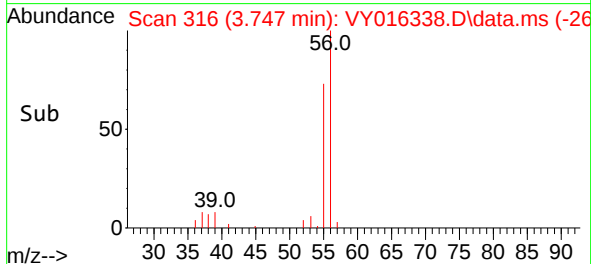
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion: 56 Resp: 13069
Ion Ratio Lower Upper
56 100
55 73.9 57.0 85.4

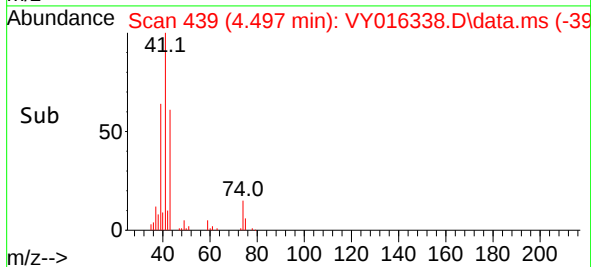
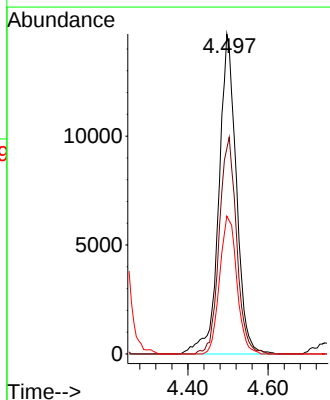
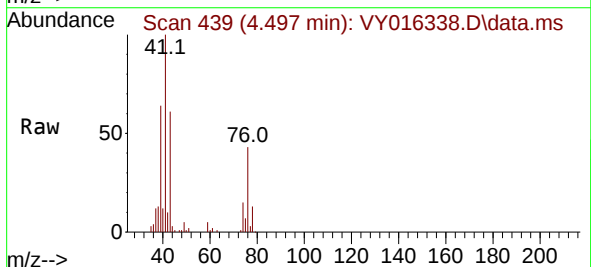
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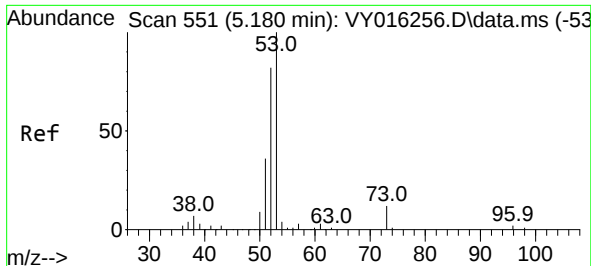
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#14
Allyl chloride
Concen: 19.038 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

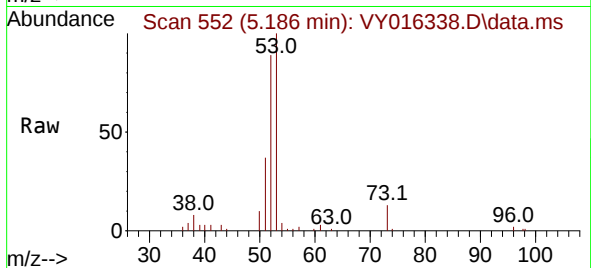
Tgt Ion: 41 Resp: 44455
Ion Ratio Lower Upper
41 100
39 67.2 58.0 87.0
76 42.3 27.4 41.2#





#15
Acrylonitrile
Concen: 98.833 ug/l
RT: 5.186 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

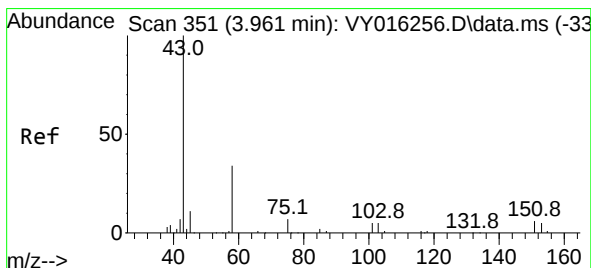
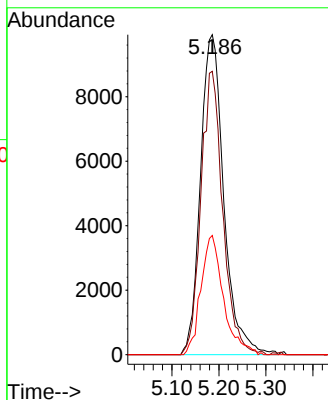
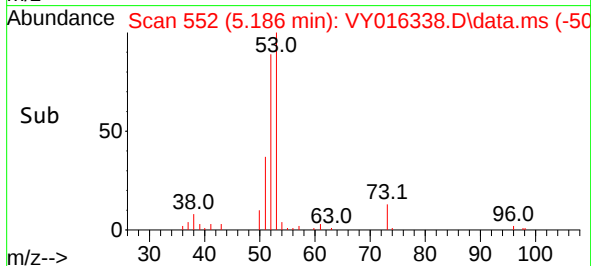
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion: 53 Resp: 3424
Ion Ratio Lower Upper
53 100
52 82.9 66.9 100.3
51 36.0 29.8 44.6

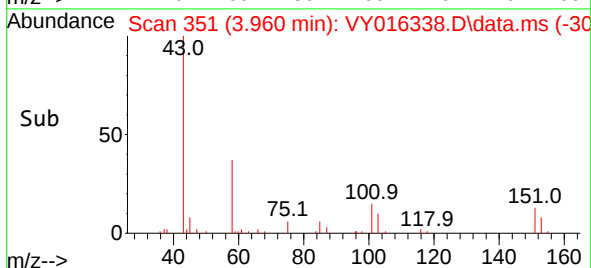
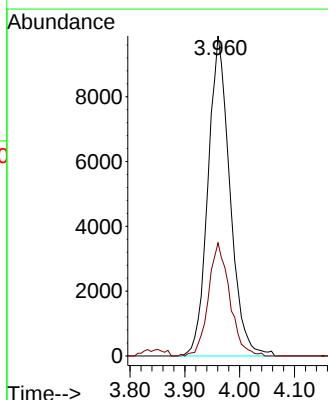
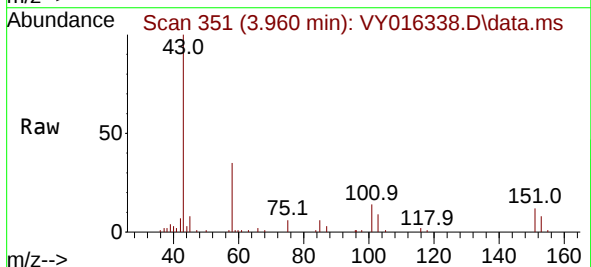
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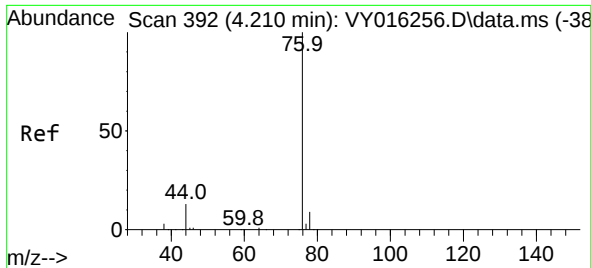
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#16
Acetone
Concen: 111.160 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion: 43 Resp: 27365
Ion Ratio Lower Upper
43 100
58 35.3 22.7 34.1#





#17

Carbon Disulfide

Concen: 16.434 ug/l

RT: 4.216 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

Tgt Ion: 76 Resp: 81592

Ion Ratio Lower Upper

76 100

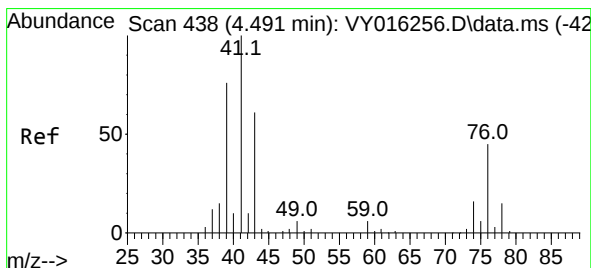
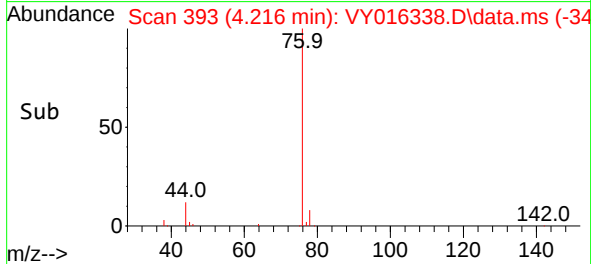
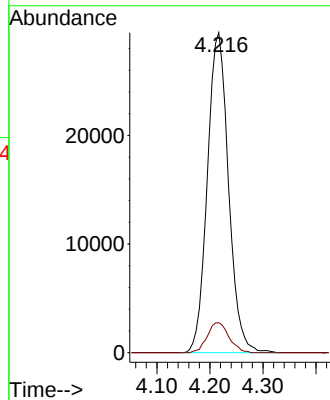
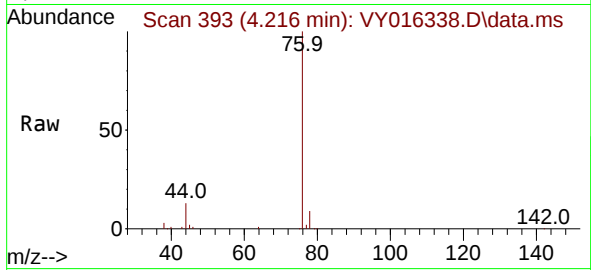
78 9.4 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#18

Methyl Acetate

Concen: 19.883 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016338.D

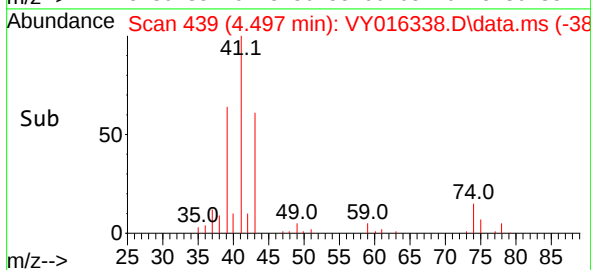
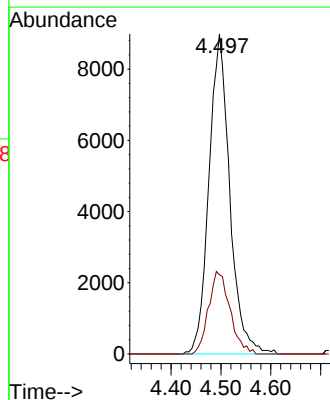
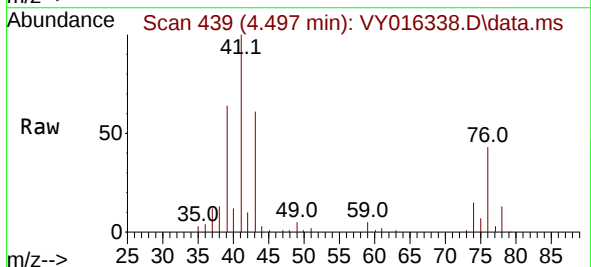
Acq: 14 Nov 2023 10:31

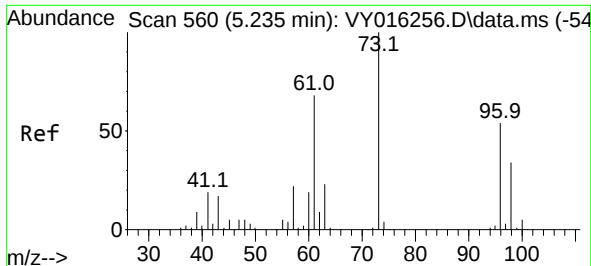
Tgt Ion: 43 Resp: 26009

Ion Ratio Lower Upper

43 100

74 26.6 17.4 26.0#





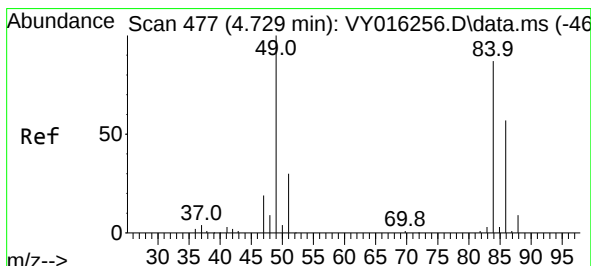
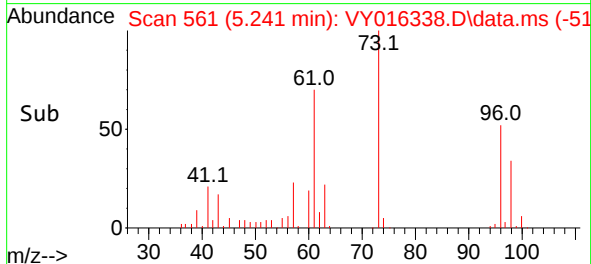
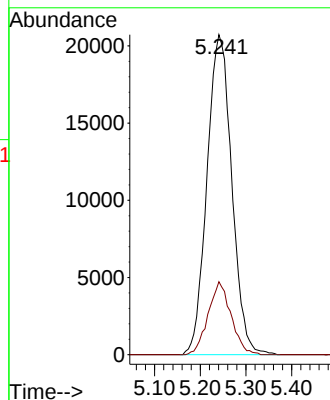
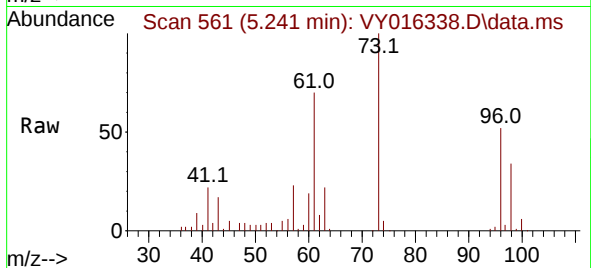
#19
Methyl tert-butyl Ether
Concen: 19.621 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion: 73 Resp: 7814
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

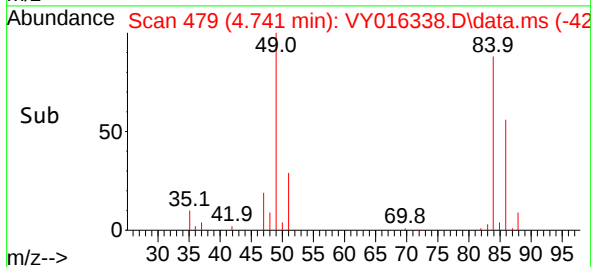
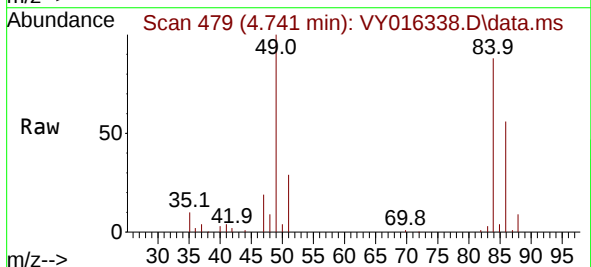
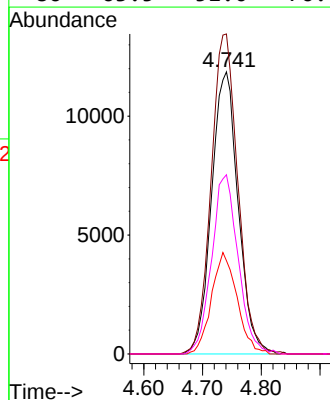
Manual Integrations
APPROVED

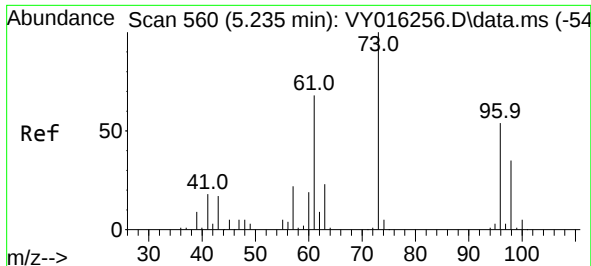
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#20
Methylene Chloride
Concen: 19.334 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

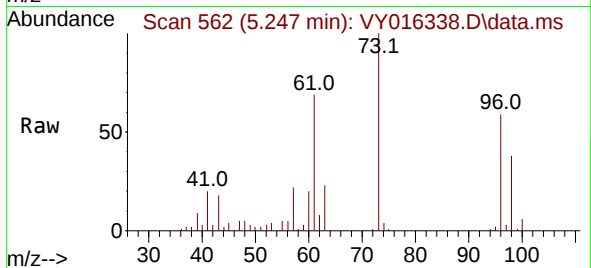
Tgt Ion: 84 Resp: 37336
Ion Ratio Lower Upper
84 100
49 113.4 106.9 160.3
51 33.1 33.2 49.8#
86 63.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.540 ug/l
RT: 5.247 min Scan# 562
Delta R.T. 0.012 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

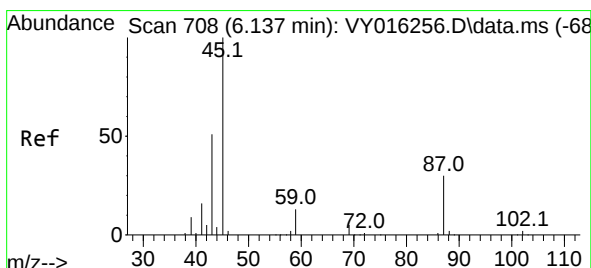
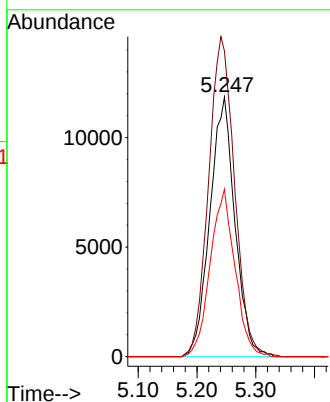
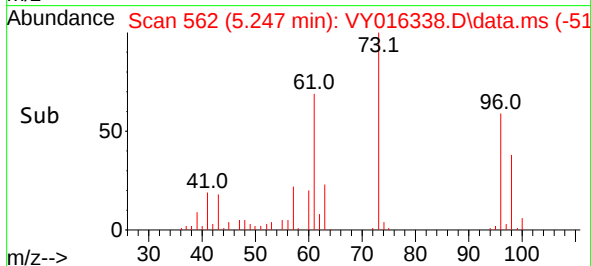
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



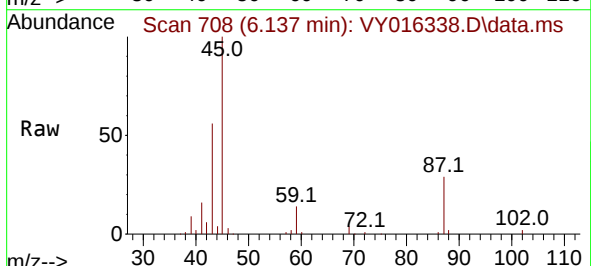
Tgt Ion: 96 Resp: 35120
Ion Ratio Lower Upper
96 100
61 117.7 110.2 165.4
98 64.5 51.8 77.6

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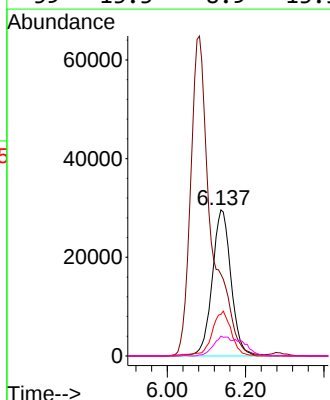
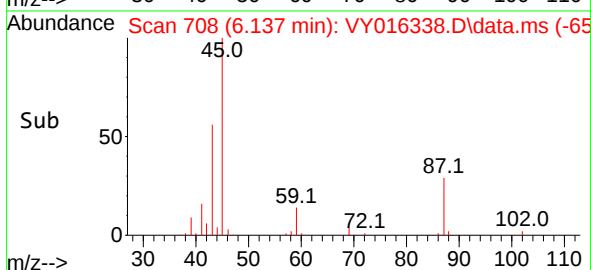
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

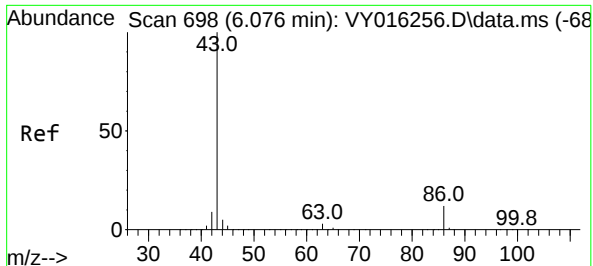


#22
Diisopropyl ether
Concen: 19.573 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31



Tgt Ion: 45 Resp: 98498
Ion Ratio Lower Upper
45 100
43 53.7 52.2 78.4
87 28.5 21.0 31.6
59 13.3 8.9 13.3#





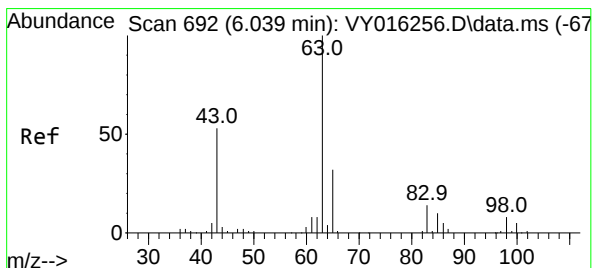
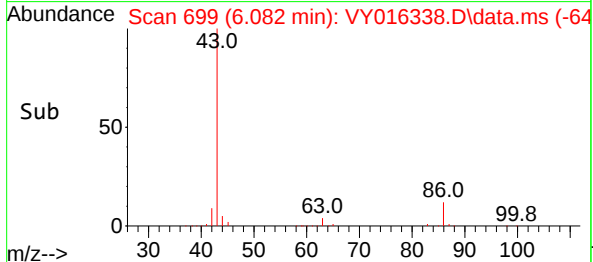
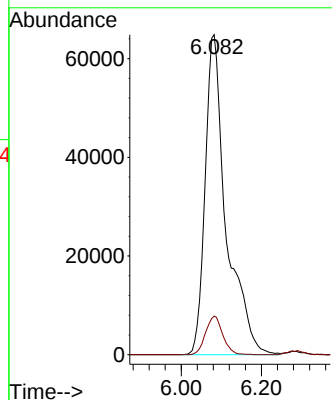
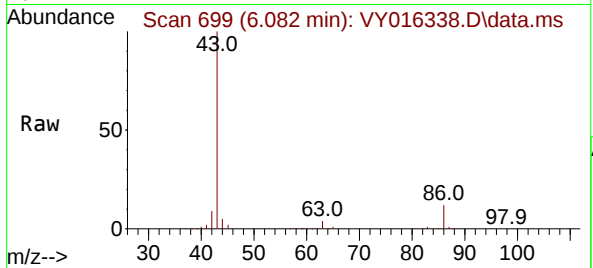
#23
 Vinyl Acetate
 Concen: 97.095 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016338.D
 Acq: 14 Nov 2023 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01

Tgt Ion: 43 Resp: 236760
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.5 11.3

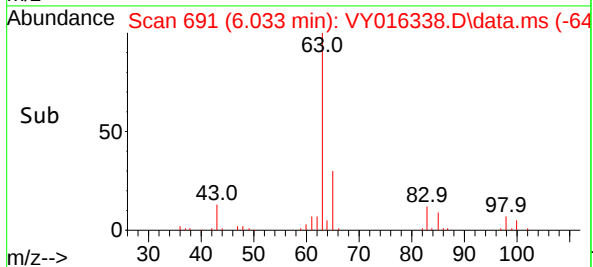
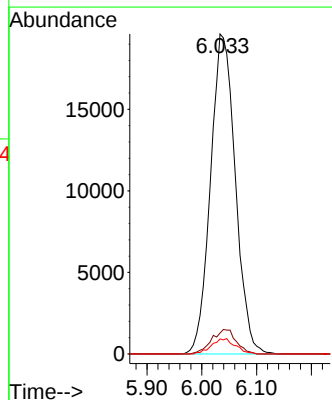
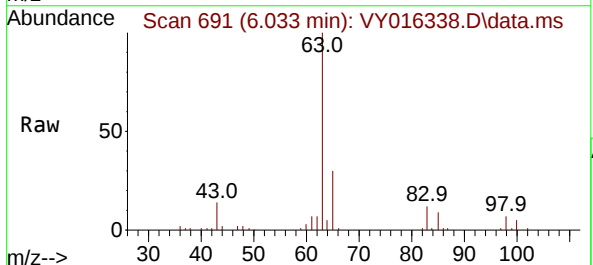
Manual Integrations
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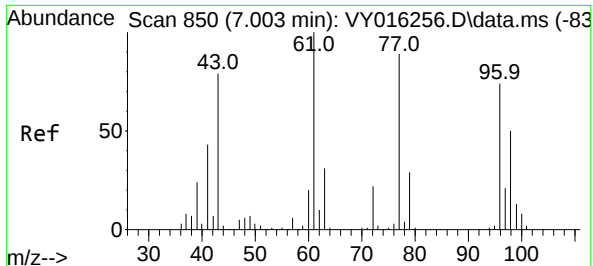
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 19.872 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY016338.D
 Acq: 14 Nov 2023 10:31

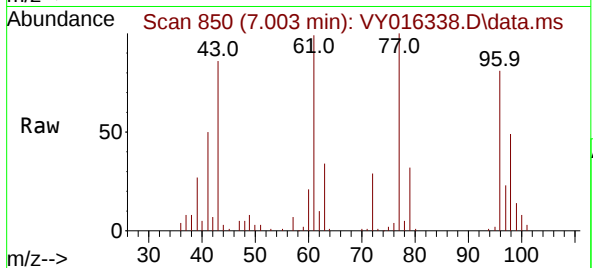
Tgt Ion: 63 Resp: 61695
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.7 1.8 5.5





#25
2-Butanone
Concen: 102.766 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

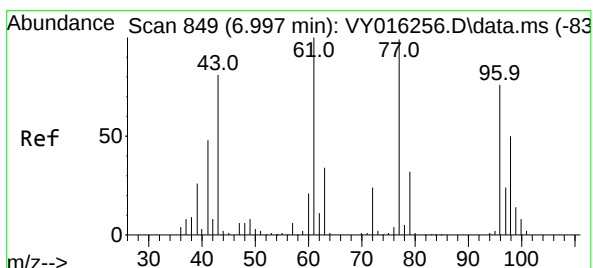
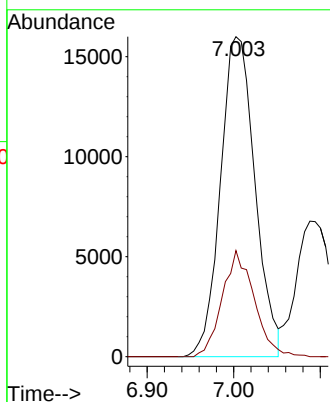
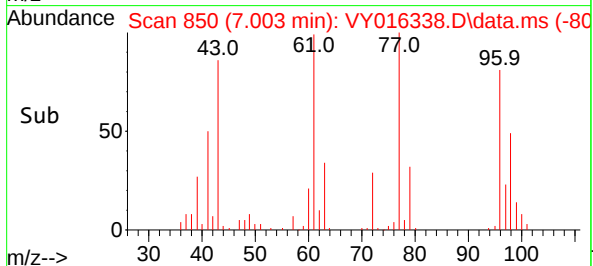
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



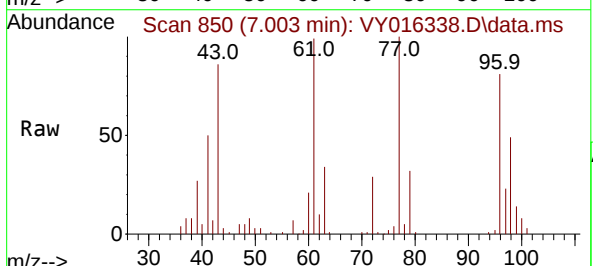
Tgt Ion: 43 Resp: 44312
Ion Ratio Lower Upper
43 100
72 33.2 20.5 30.7

Manual Integrations
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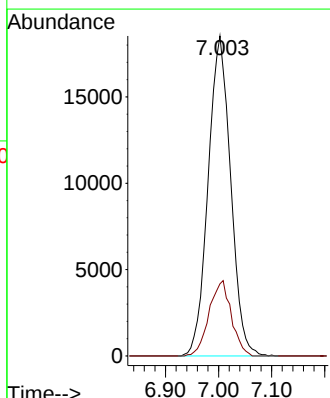
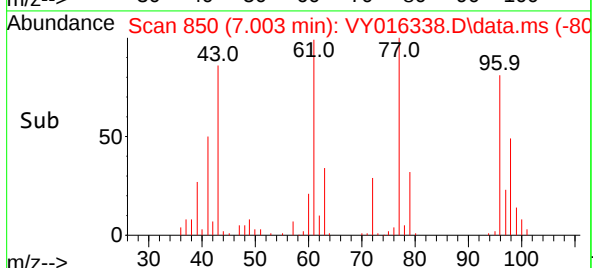
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

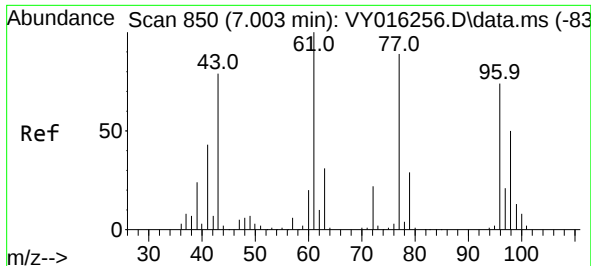


#26
2,2-Dichloropropane
Concen: 19.353 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31



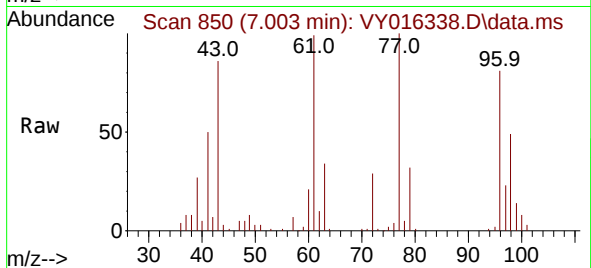
Tgt Ion: 77 Resp: 54684
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.477 ug/l
 RT: 7.003 min Scan# 850
 Delta R.T. -0.000 min
 Lab File: VY016338.D
 Acq: 14 Nov 2023 10:31

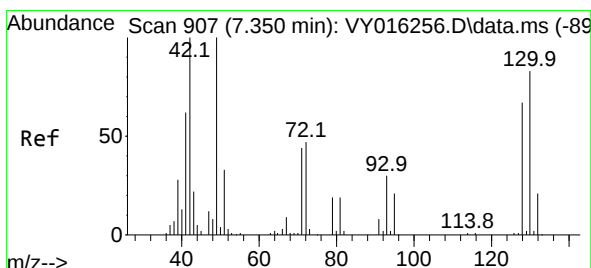
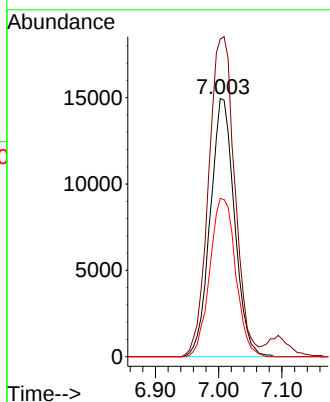
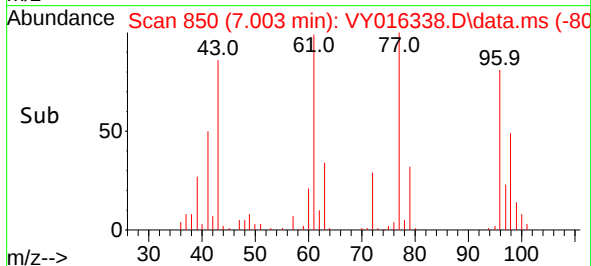
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01



Tgt Ion: 96 Resp: 39768
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 301.4
 98 65.2 0.0 130.4

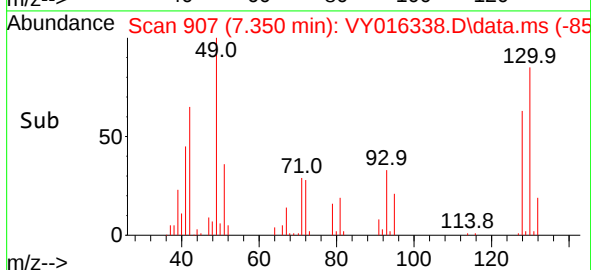
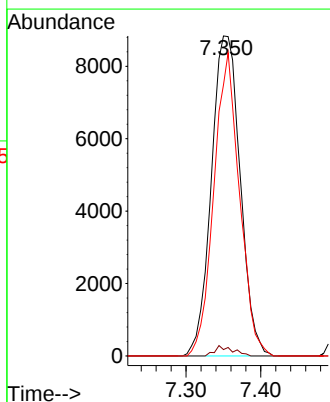
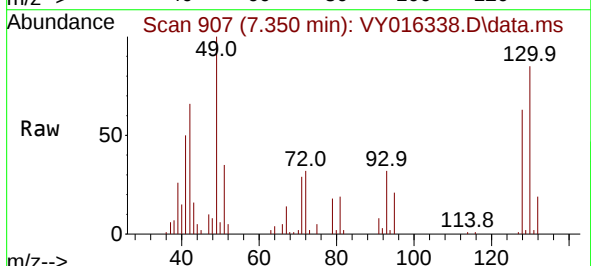
Manual Integrations
 APPROVED

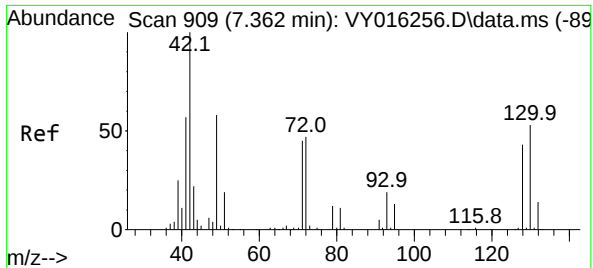
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#28
 Bromochloromethane
 Concen: 20.637 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY016338.D
 Acq: 14 Nov 2023 10:31

Tgt Ion: 49 Resp: 23712
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 84.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 95.423 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

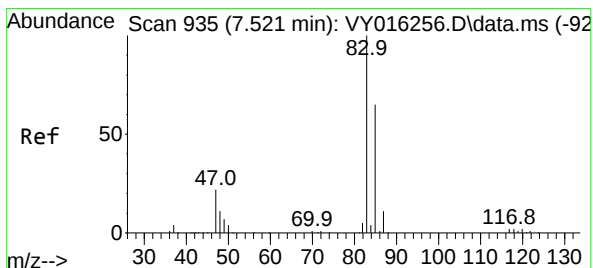
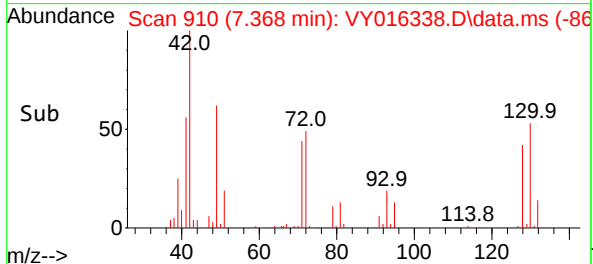
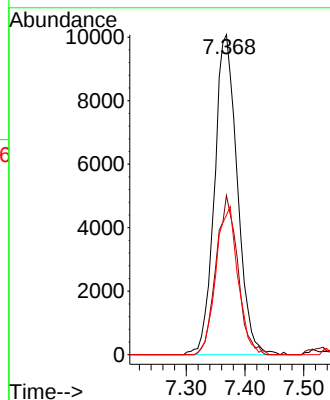
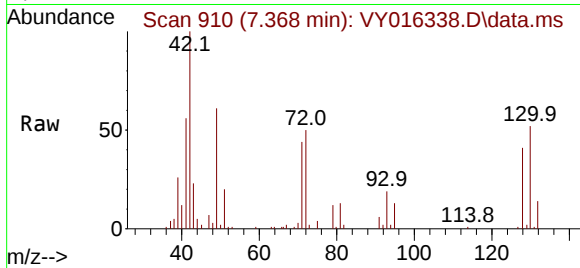
VY1114SBS01

Tgt Ion:	42	Resp:	27190
Ion Ratio	Lower	Upper	
42	100		
72	47.3	32.8	49.2
71	44.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#30

Chloroform

Concen: 19.905 ug/l

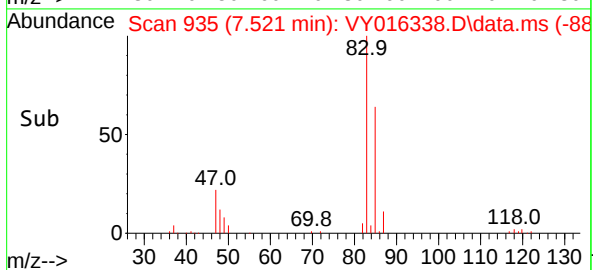
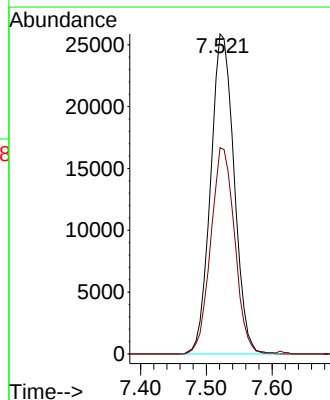
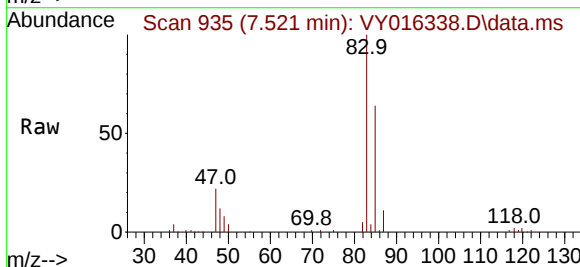
RT: 7.521 min Scan# 935

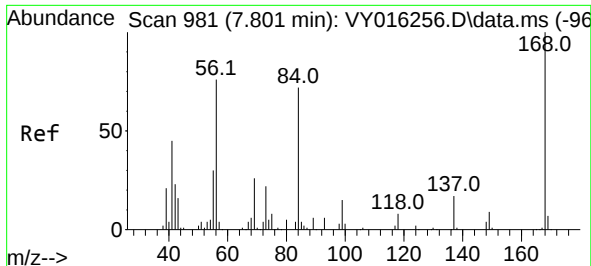
Delta R.T. -0.000 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Tgt Ion:	83	Resp:	64323
Ion Ratio	Lower	Upper	
83	100		
85	64.5	49.7	74.5





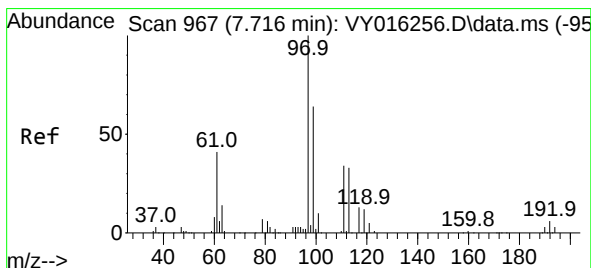
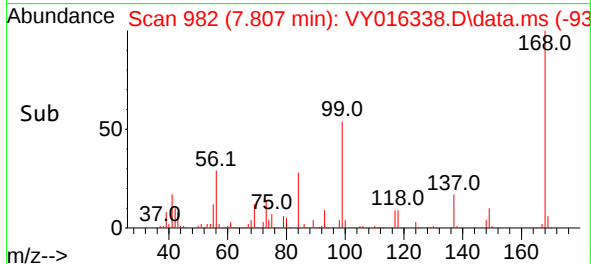
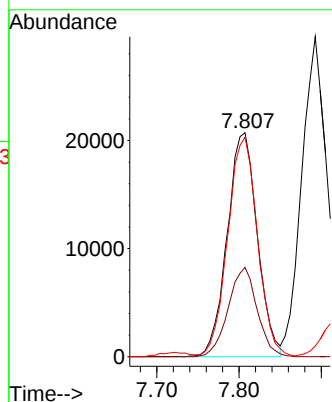
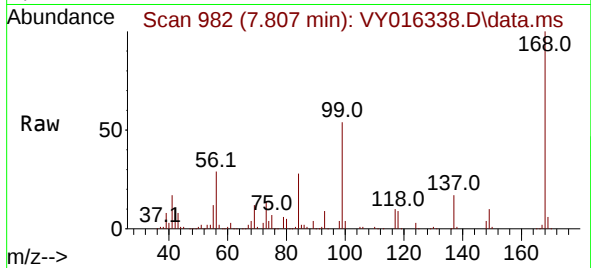
#31
Cyclohexane
Concen: 18.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion: 56 Resp: 5274
Ion Ratio Lower Upper
56 100
69 39.9 27.8 41.6
84 96.4 66.4 99.6

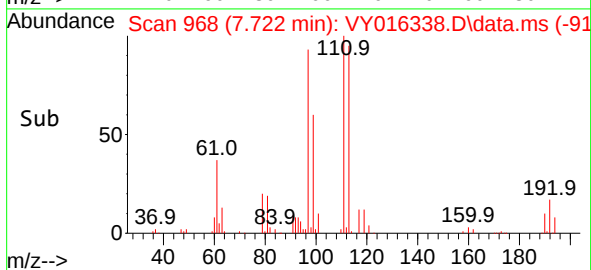
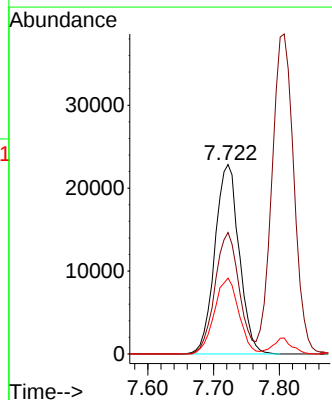
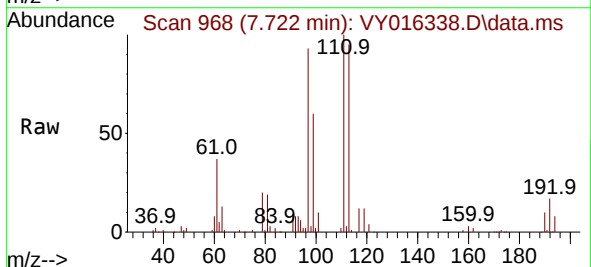
Manual Integrations
APPROVED

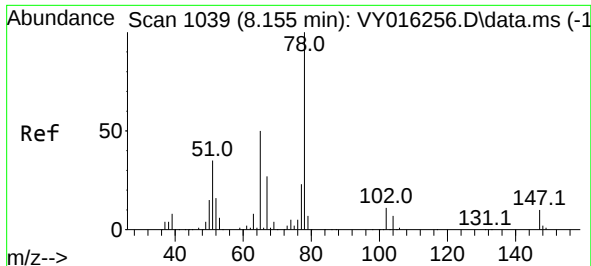
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#32
1,1,1-Trichloroethane
Concen: 19.803 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion: 97 Resp: 58662
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 40.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.623 ug/l

RT: 8.155 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

Tgt Ion: 65 Resp: 7831

Ion Ratio Lower Upper

65 100

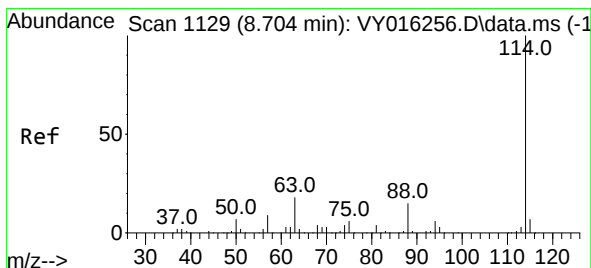
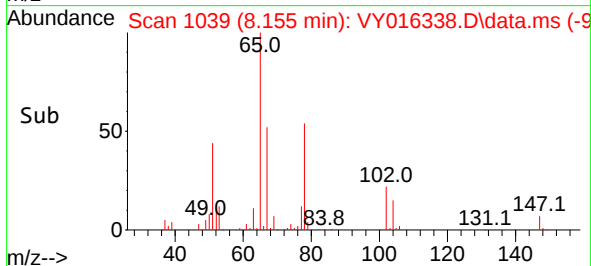
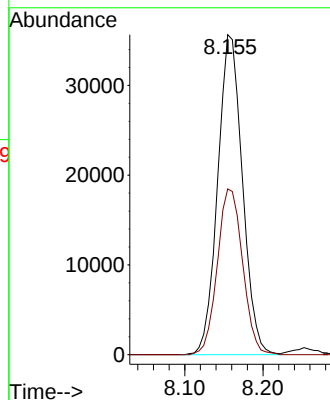
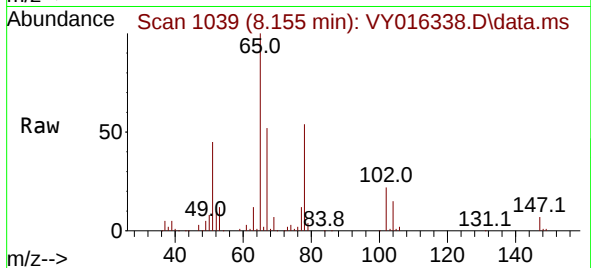
67 52.9 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

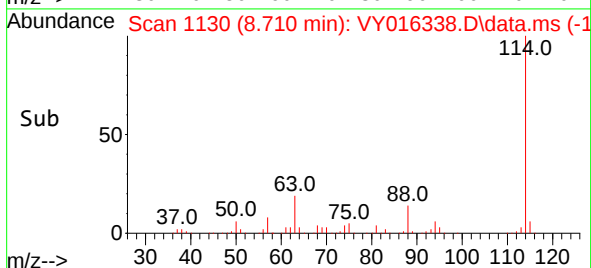
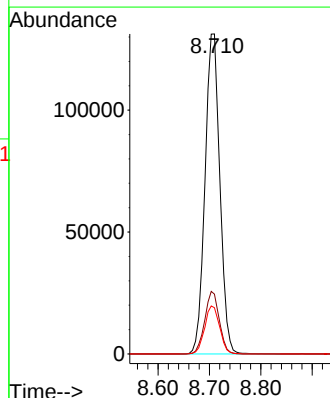
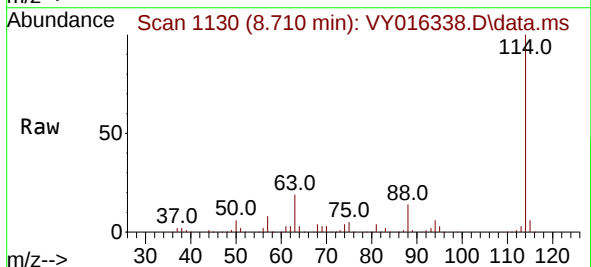
Tgt Ion:114 Resp: 262894

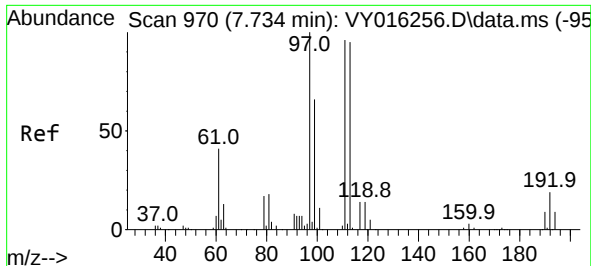
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

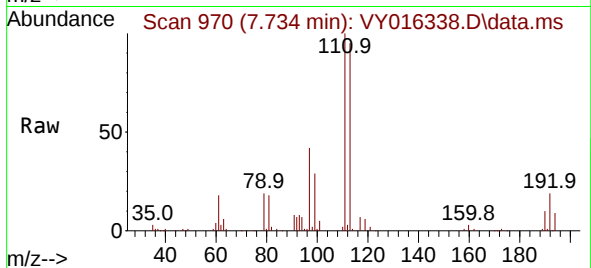
88 14.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.241 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

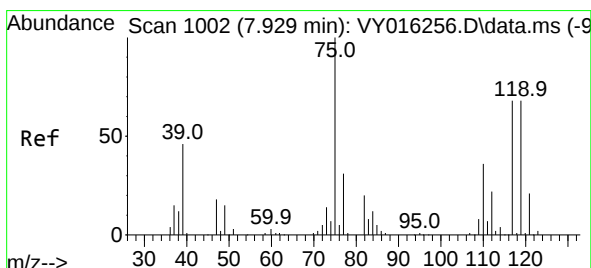
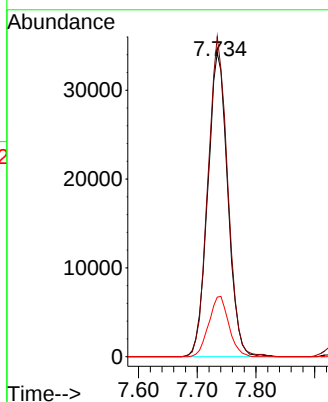
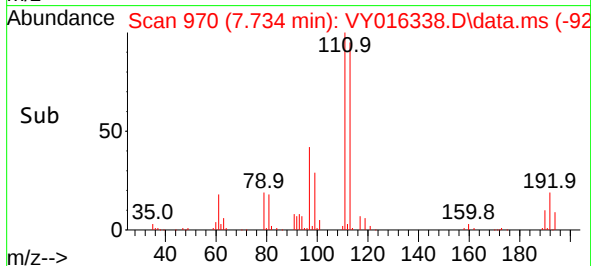
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion: 113 Resp: 81004
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.9 16.9 25.3

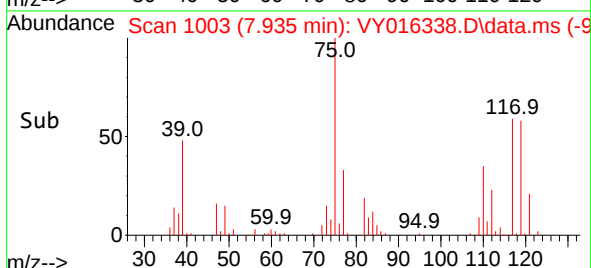
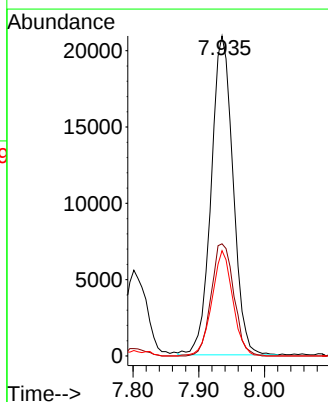
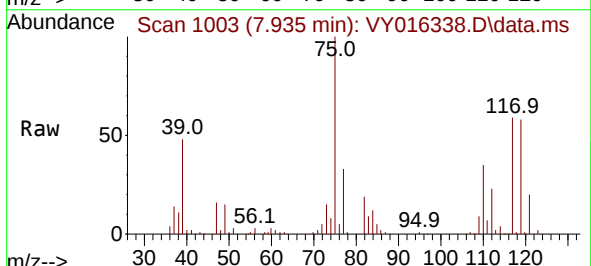
Manual Integrations
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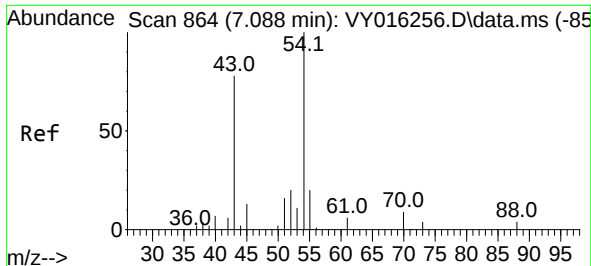
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#36
1,1-Dichloropropene
Concen: 18.653 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

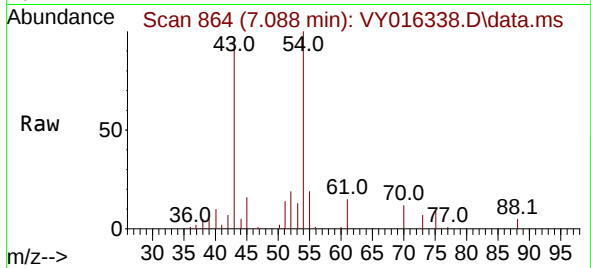
Tgt Ion: 75 Resp: 48370
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 31.7 24.4 36.6





#37
Ethyl Acetate
Concen: 18.948 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

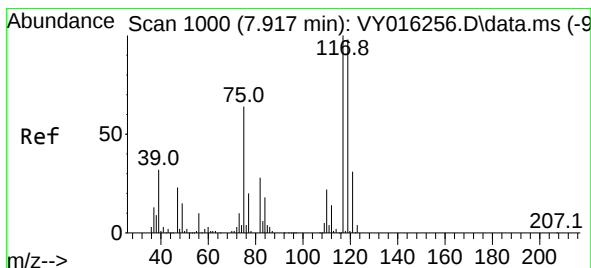
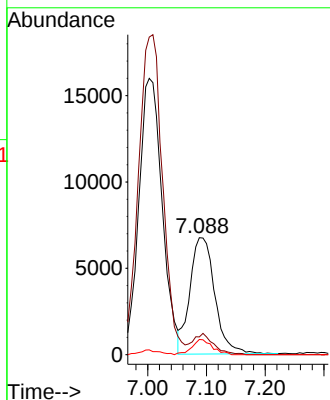
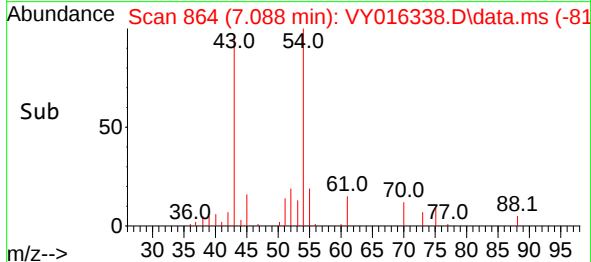
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



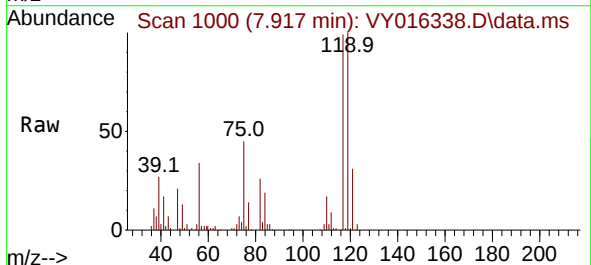
Tgt Ion: 43 Resp: 1985
Ion Ratio Lower Upper
43 100
61 15.6 10.1 15.1
70 10.7 7.1 10.7

Manual Integrations
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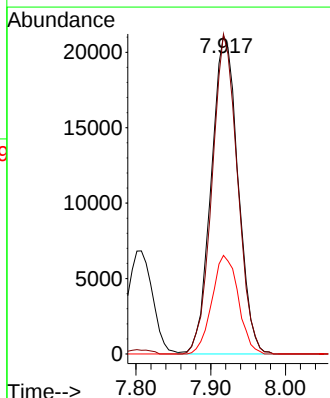
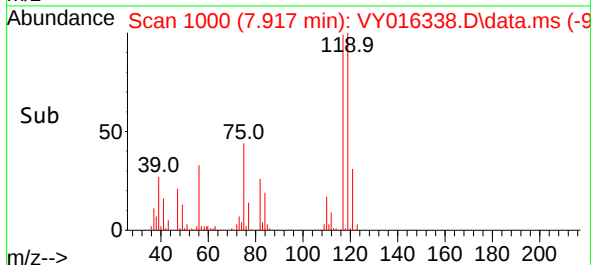
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

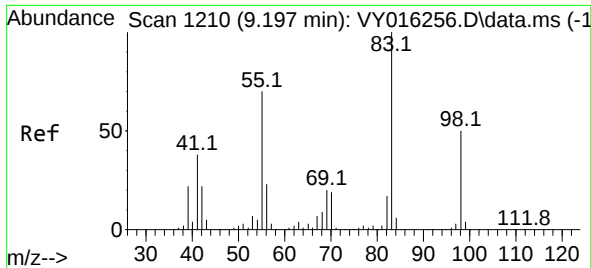


#38
Carbon Tetrachloride
Concen: 19.555 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31



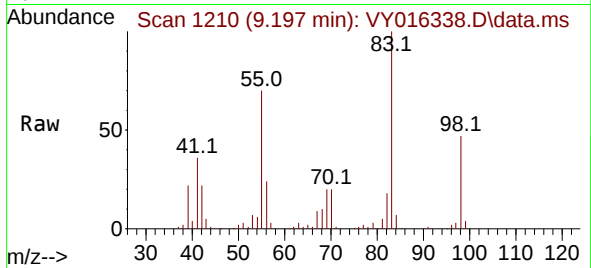
Tgt Ion:117 Resp: 52629
Ion Ratio Lower Upper
117 100
119 100.6 76.4 114.6
121 31.0 25.8 38.6





#39
Methylcyclohexane
Concen: 18.053 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

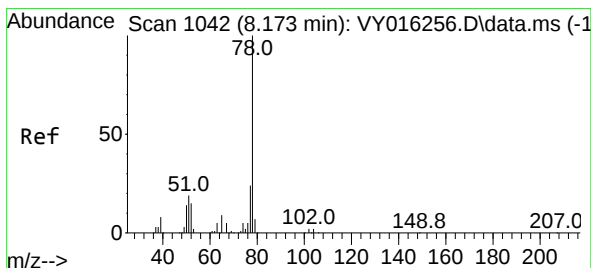
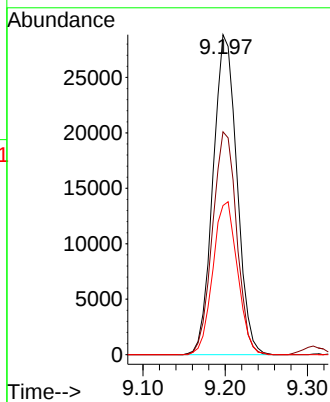
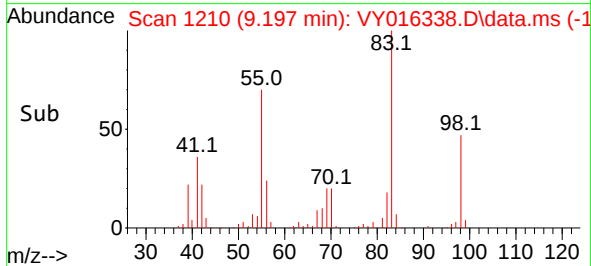
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



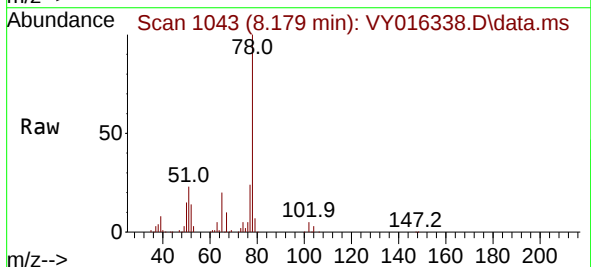
Tgt Ion: 83 Resp: 58334
Ion Ratio Lower Upper
83 100
55 69.6 63.0 94.4
98 46.6 37.4 56.2

Manual Integrations
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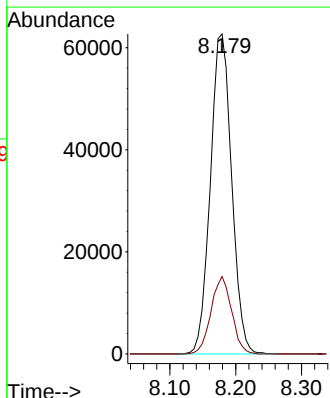
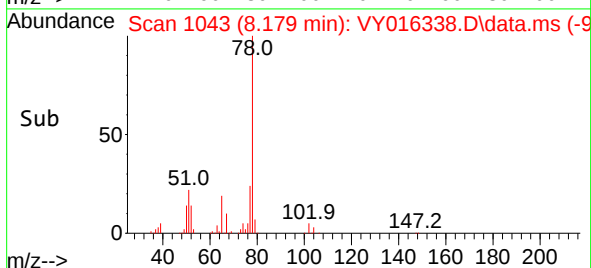
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

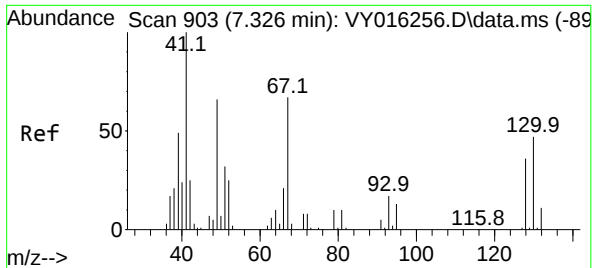


#40
Benzene
Concen: 19.414 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31



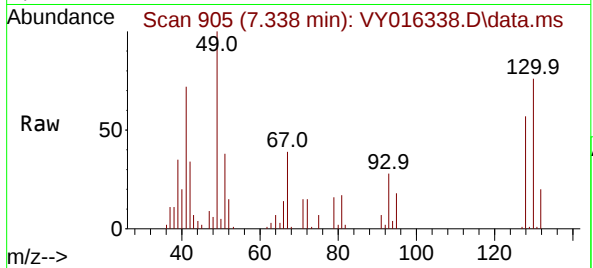
Tgt Ion: 78 Resp: 141440
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 22.283 ug/l
RT: 7.338 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

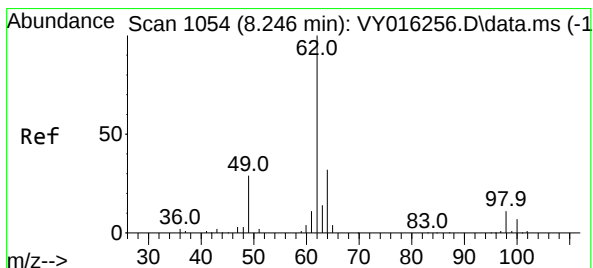
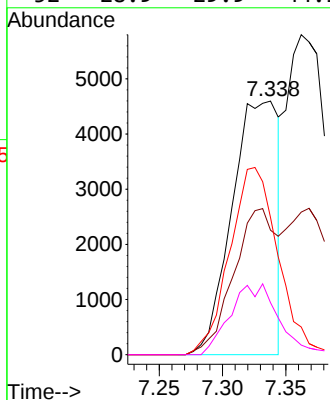
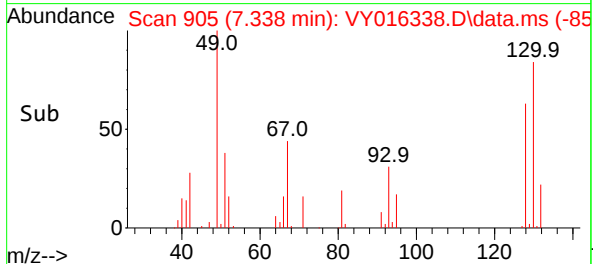
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion: 41 Resp: 11772
Ion Ratio Lower Upper
41 100
39 53.2 52.1 78.1
67 76.8 66.2 99.2
52 28.9 29.9 44.9#

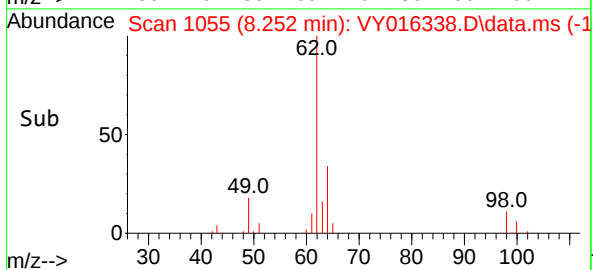
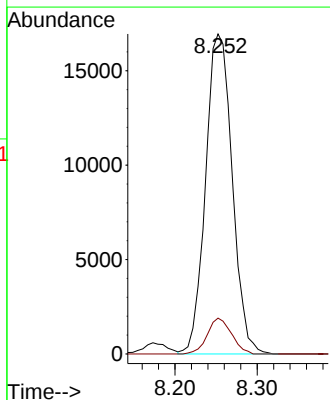
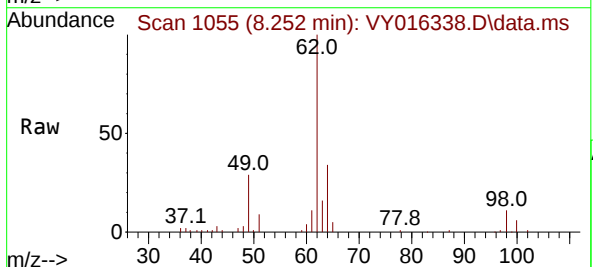
Manual Integrations
APPROVED

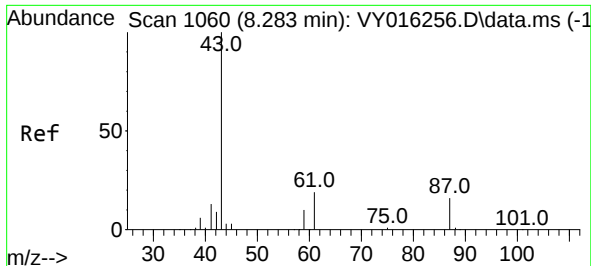
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#42
1,2-Dichloroethane
Concen: 20.203 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion: 62 Resp: 38137
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8





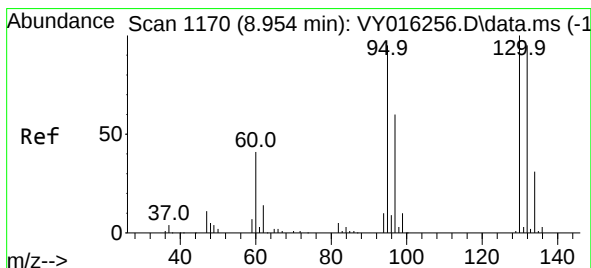
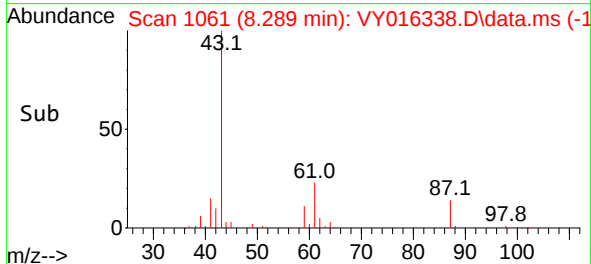
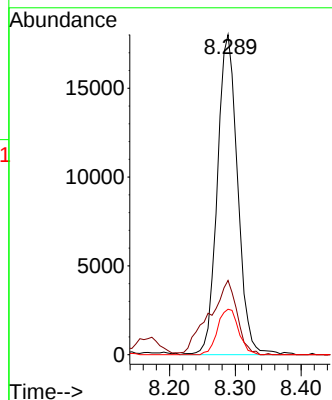
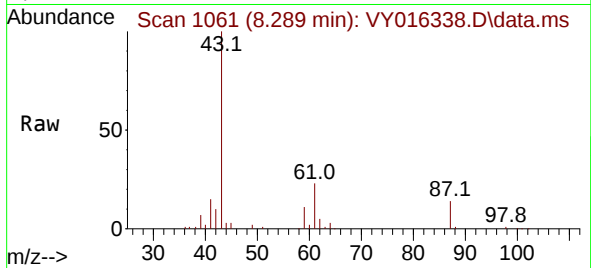
#43
Isopropyl Acetate
Concen: 19.070 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion: 43 Resp: 3862
Ion Ratio Lower Upper
43 100
61 32.0 21.1 31.7
87 14.8 9.8 14.8

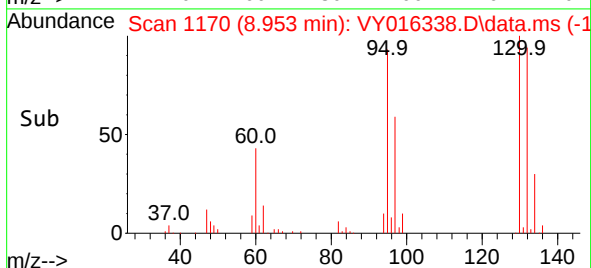
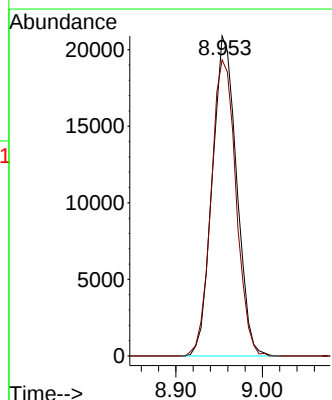
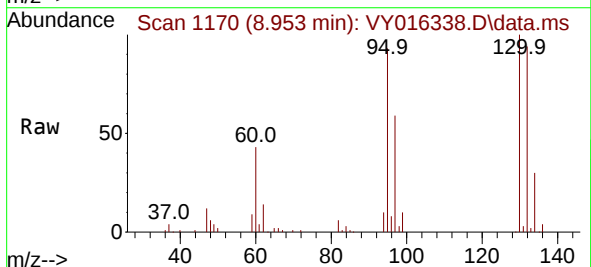
Manual Integrations
APPROVED

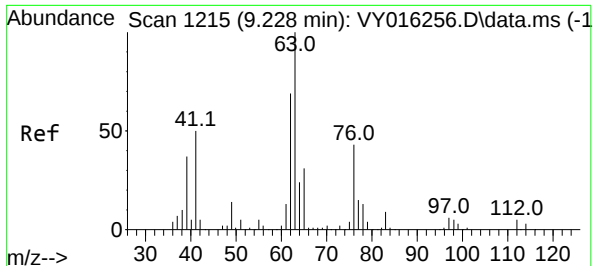
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#44
Trichloroethene
Concen: 19.465 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion:130 Resp: 40756
Ion Ratio Lower Upper
130 100
95 92.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.657 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

Tgt Ion: 63 Resp: 34394

Ion Ratio Lower Upper

63 100

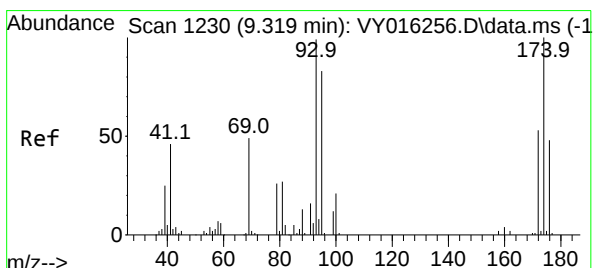
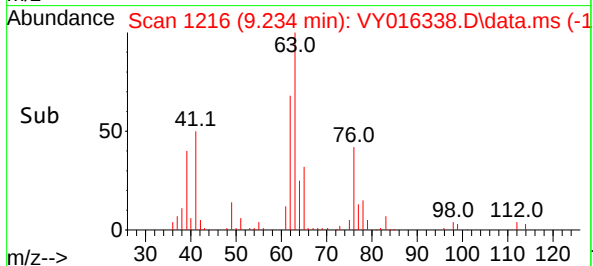
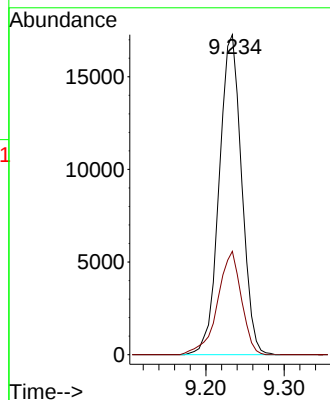
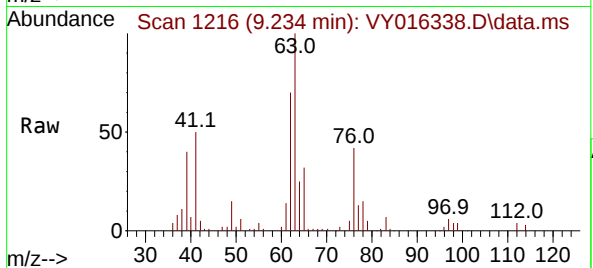
65 32.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#46

Dibromomethane

Concen: 19.809 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

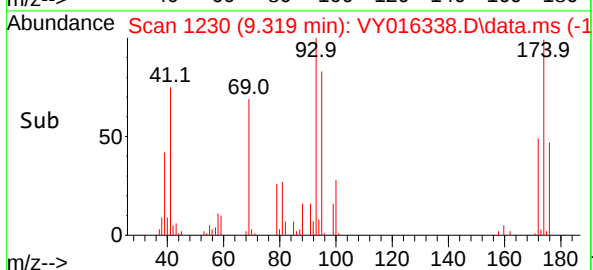
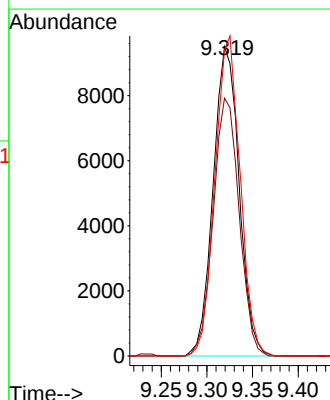
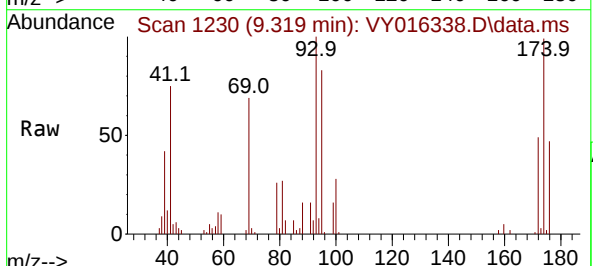
Tgt Ion: 93 Resp: 18782

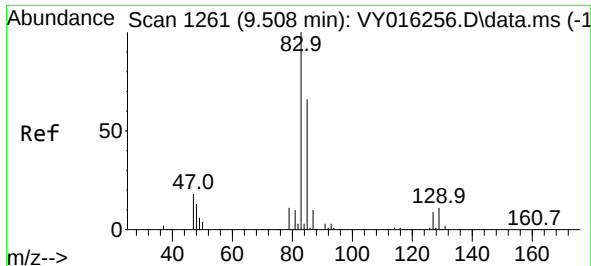
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 100.3 84.8 127.2





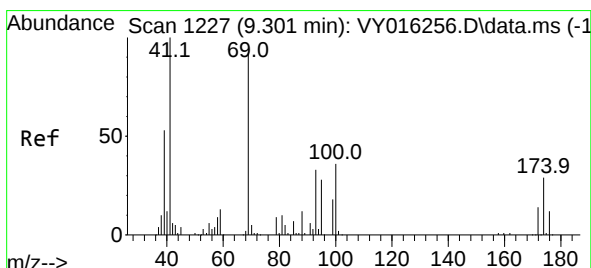
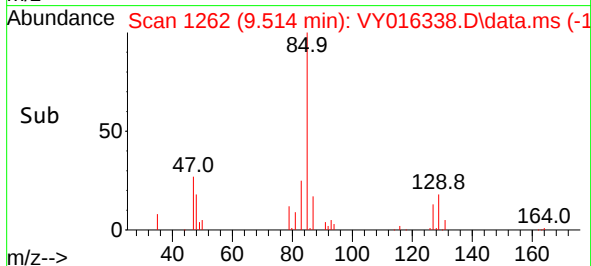
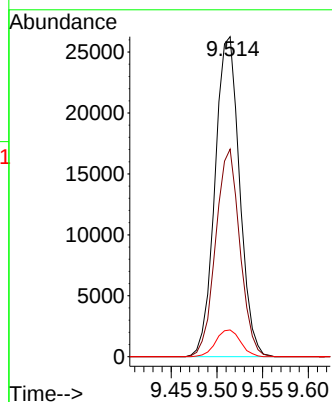
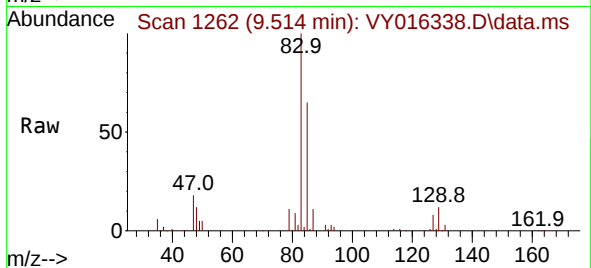
#47
Bromodichloromethane
Concen: 20.133 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion: 83 Resp: 4907
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 8.3 7.1 10.7

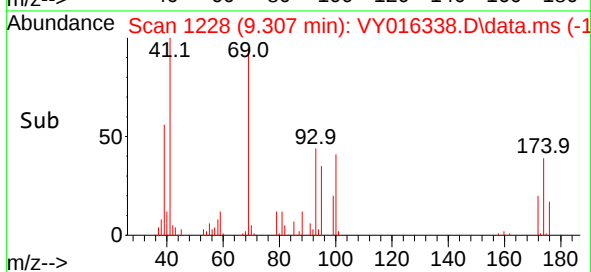
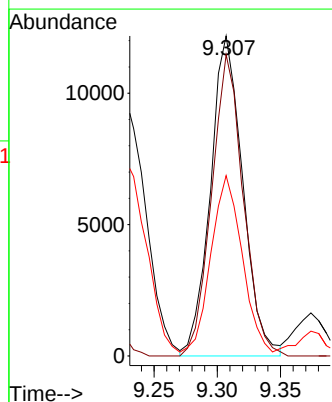
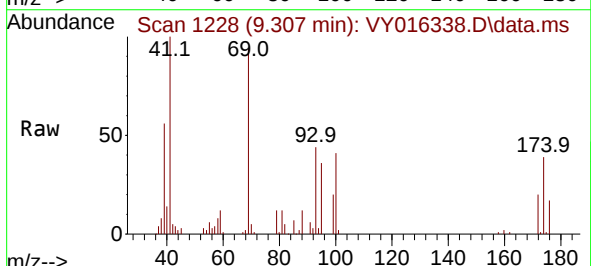
Manual Integrations
APPROVED

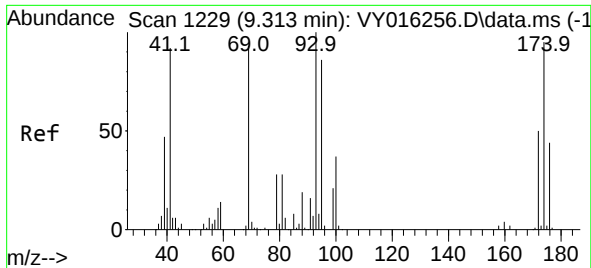
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#48
Methyl methacrylate
Concen: 19.375 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion: 41 Resp: 21687
Ion Ratio Lower Upper
41 100
69 91.7 64.5 96.7
39 55.3 50.8 76.2





#49

1,4-Dioxane

Concen: 391.709 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

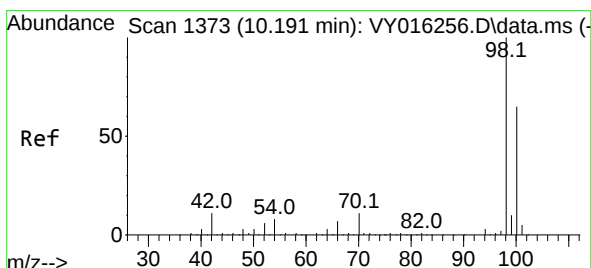
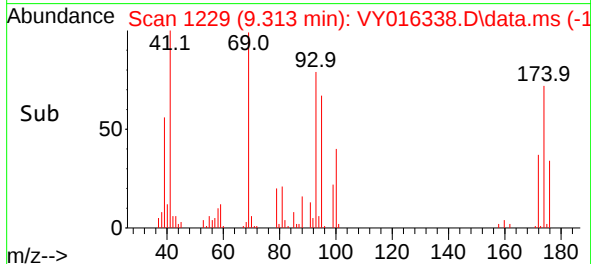
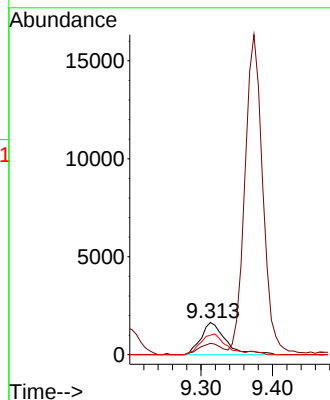
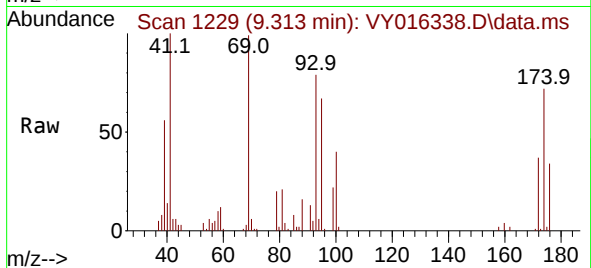
VY1114SBS01

Tgt Ion: 88 Resp: 3943
 Ion Ratio Lower Upper
 88 100
 43 32.4 0.0 0.0
 58 64.4 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#50

Toluene-d8

Concen: 52.346 ug/l

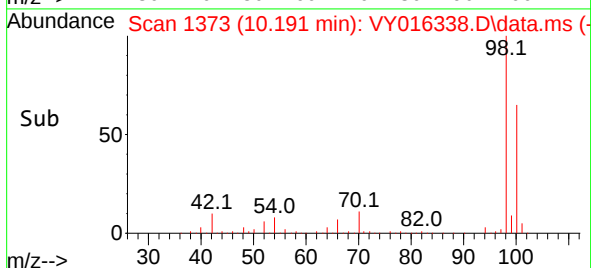
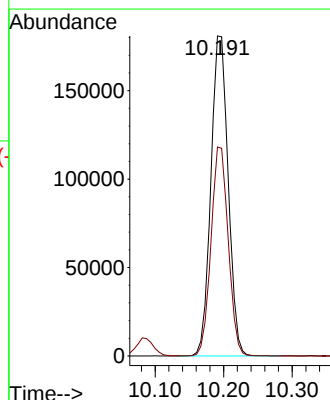
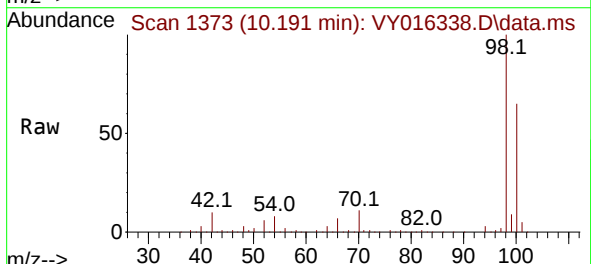
RT: 10.191 min Scan# 1373

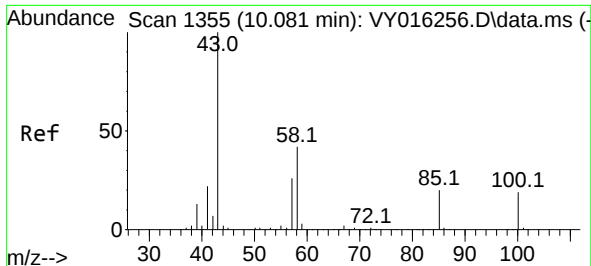
Delta R.T. -0.000 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Tgt Ion: 98 Resp: 317010
 Ion Ratio Lower Upper
 98 100
 100 65.0 50.1 75.1





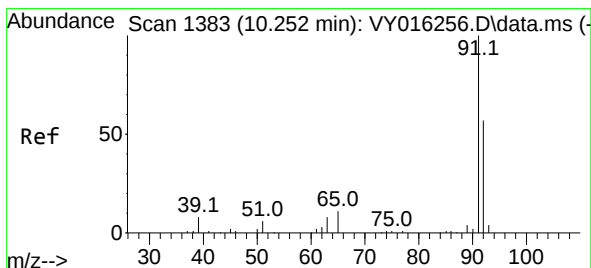
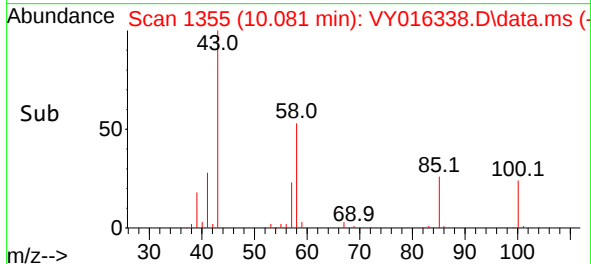
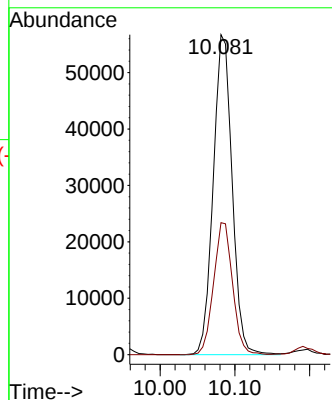
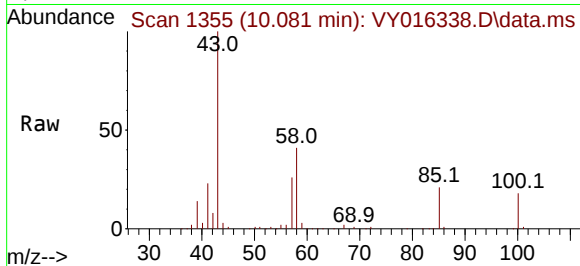
#51
4-Methyl-2-Pentanone
Concen: 97.333 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion: 43 Resp: 99684
Ion Ratio Lower Upper
43 100
58 41.4 29.0 43.6

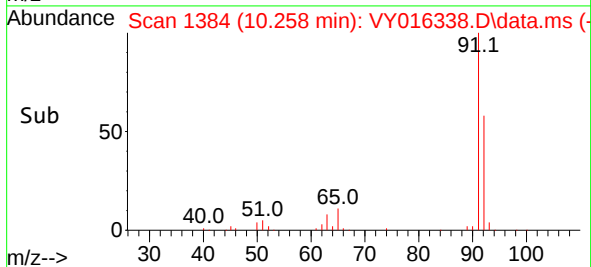
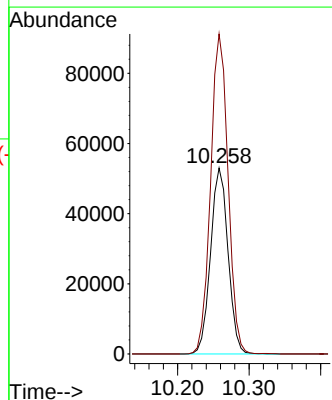
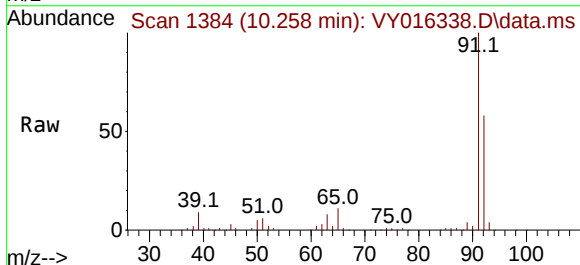
Manual Integrations
APPROVED

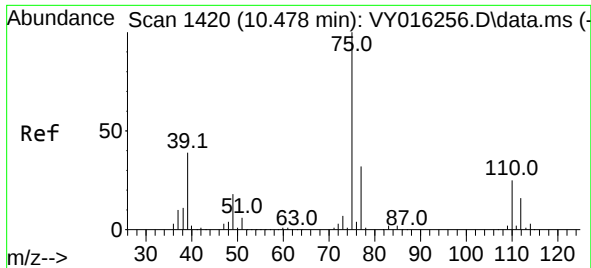
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#52
Toluene
Concen: 19.525 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

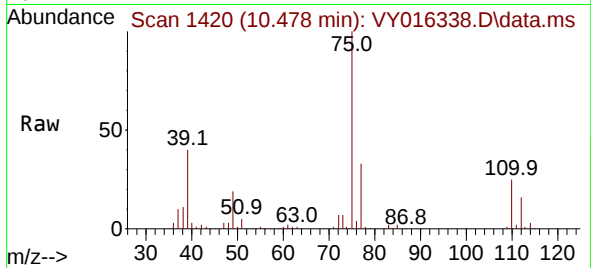
Tgt Ion: 92 Resp: 89920
Ion Ratio Lower Upper
92 100
91 171.8 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 19.729 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

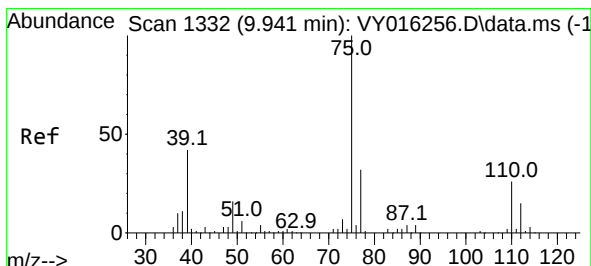
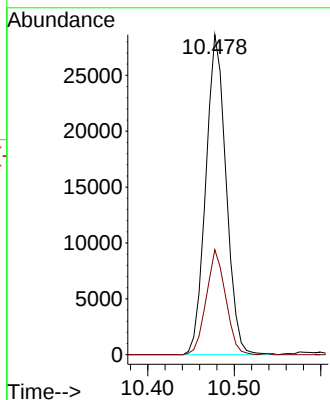
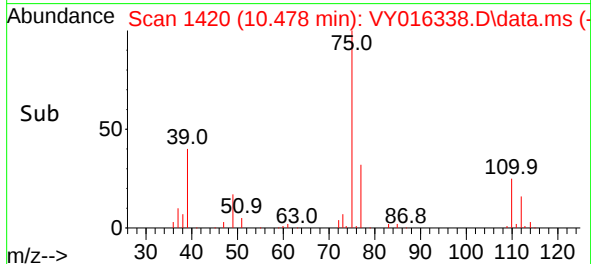
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion: 75 Resp: 4662
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.4

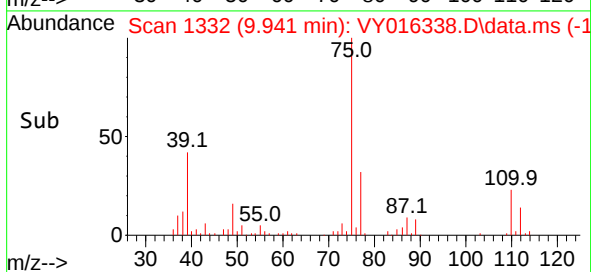
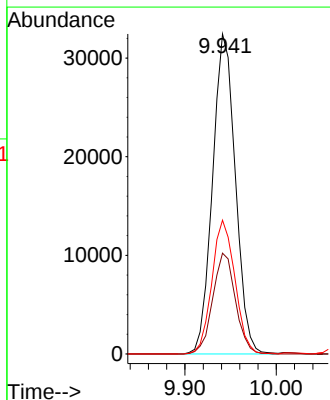
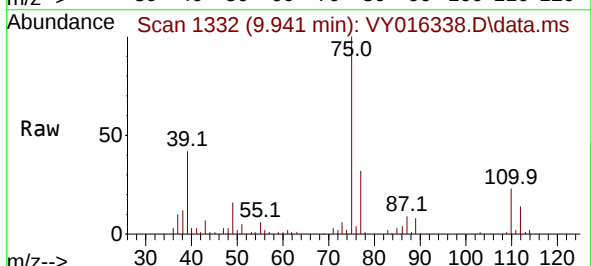
Manual Integrations
APPROVED

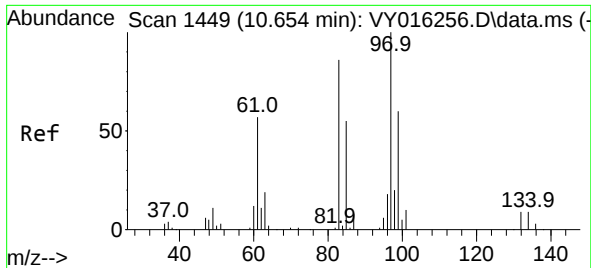
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#54
cis-1,3-Dichloropropene
Concen: 19.972 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion: 75 Resp: 56370
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4
39 41.8 42.2 63.4#





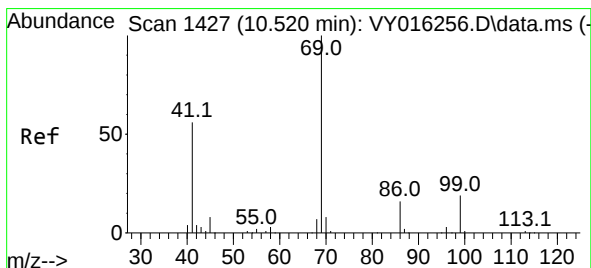
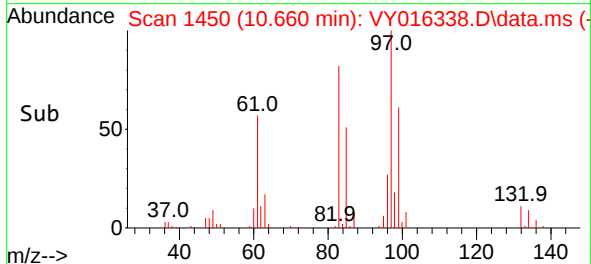
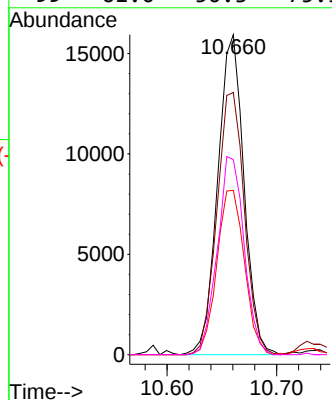
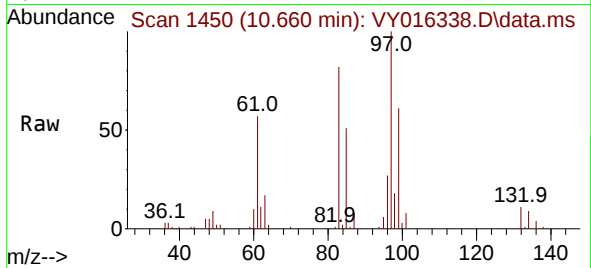
#55
1,1,2-Trichloroethane
Concen: 20.298 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion: 97	Resp: 2652
Ion Ratio	Lower Upper
97 100	
83 82.0	72.0 108.0
85 51.4	45.4 68.0
99 61.0	50.3 75.5

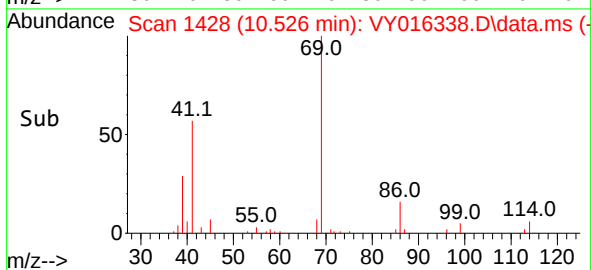
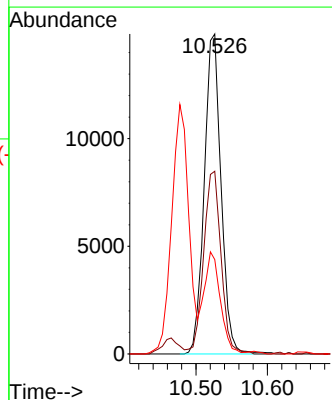
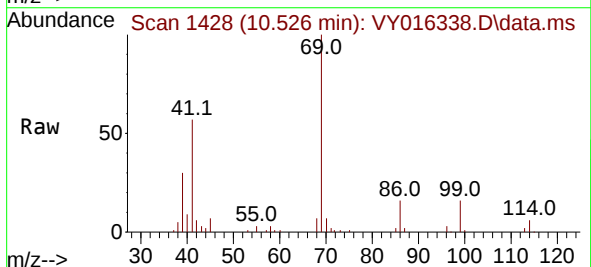
Manual Integrations
APPROVED

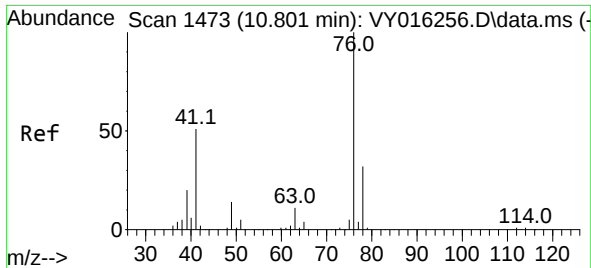
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#56
Ethyl methacrylate
Concen: 19.678 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

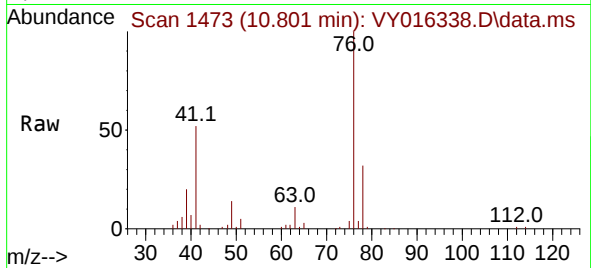
Tgt Ion: 69	Resp: 24275
Ion Ratio	Lower Upper
69 100	
41 59.2	57.6 86.4
39 30.3	34.1 51.1#





#57
1,3-Dichloropropane
Concen: 20.112 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

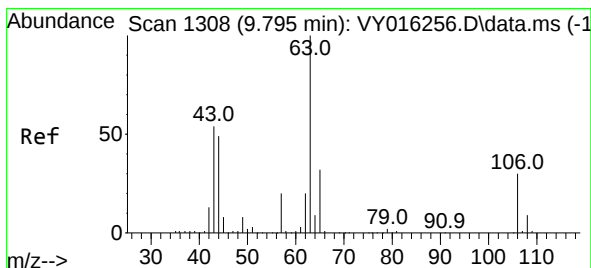
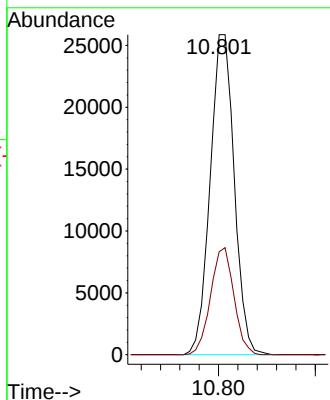
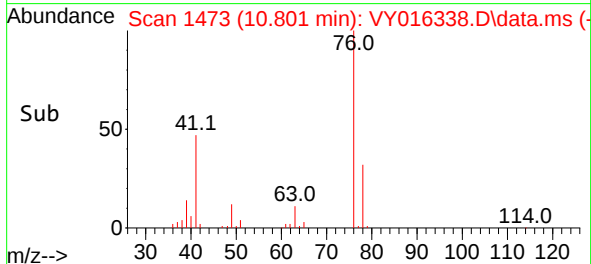
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion: 76 Resp: 4480
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

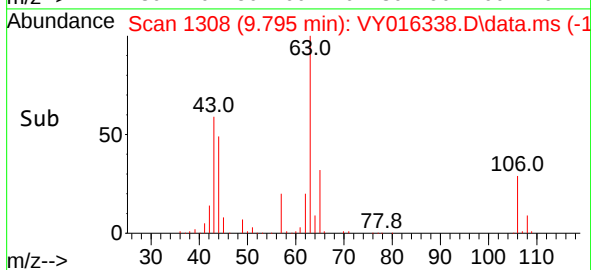
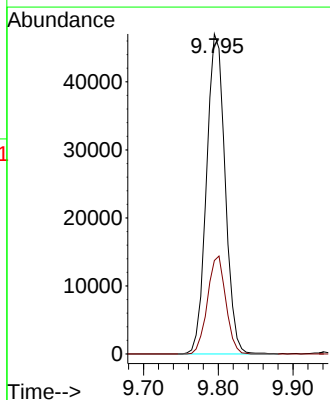
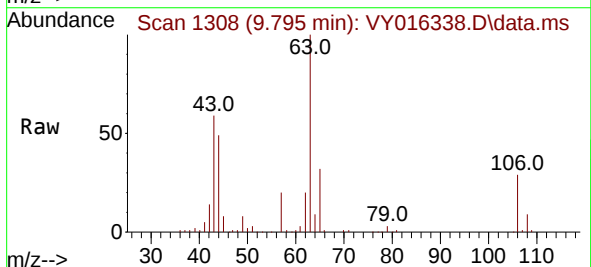
Manual Integrations
APPROVED

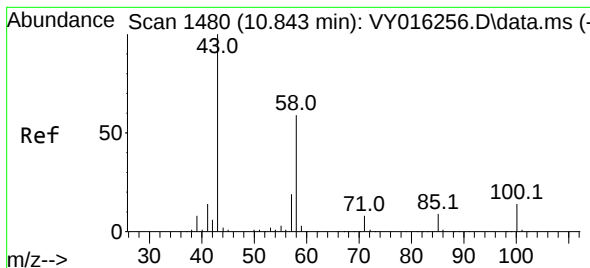
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 97.149 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

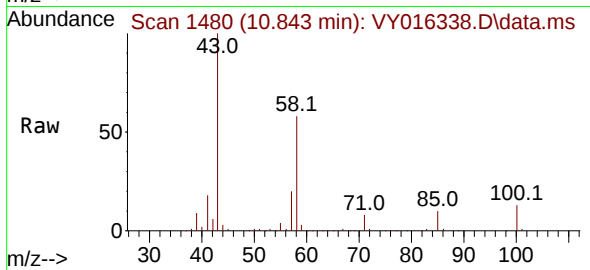
Tgt Ion: 63 Resp: 81264
Ion Ratio Lower Upper
63 100
106 30.2 21.2 31.8





#59
2-Hexanone
Concen: 103.422 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

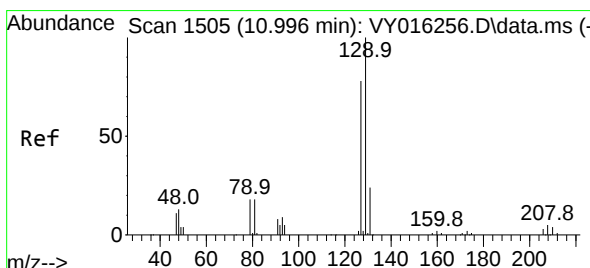
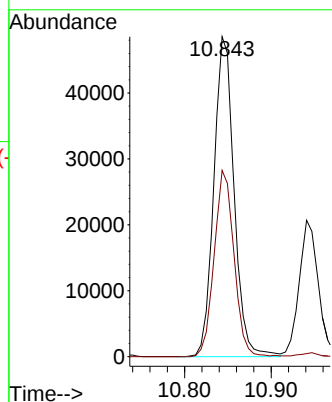
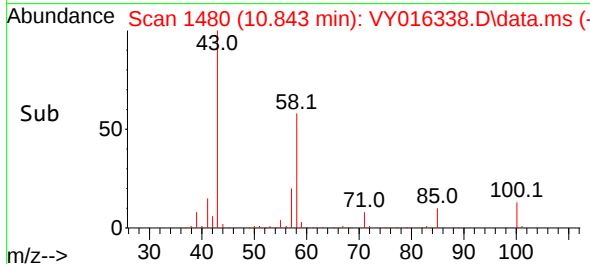
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion: 43 Resp: 78780
Ion Ratio Lower Upper
43 100
58 57.3 25.1 75.3

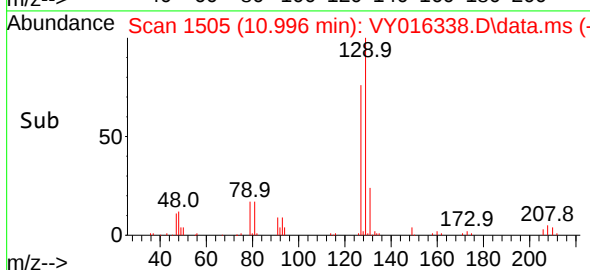
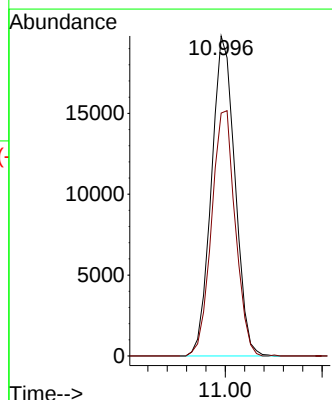
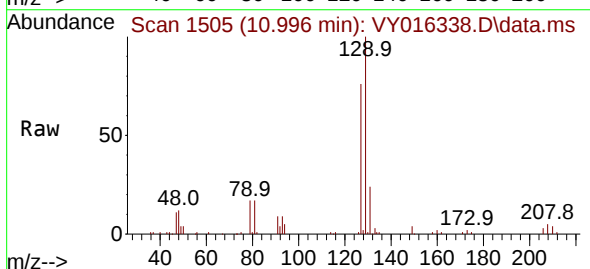
Manual Integrations
APPROVED

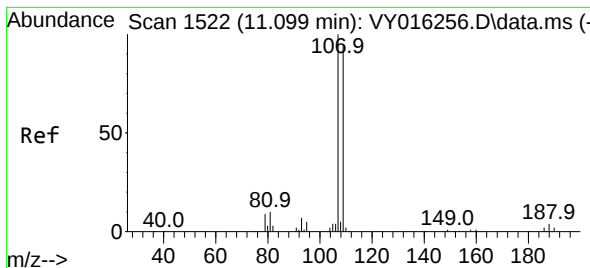
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#60
Dibromochloromethane
Concen: 20.424 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

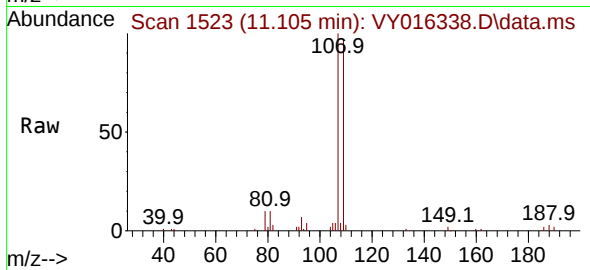
Tgt Ion:129 Resp: 33382
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.175 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

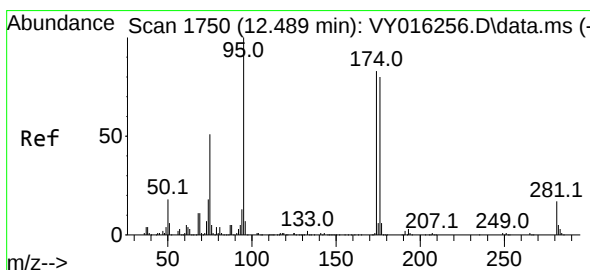
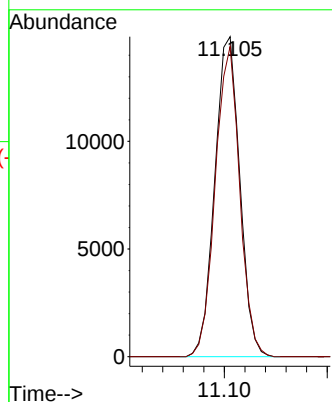
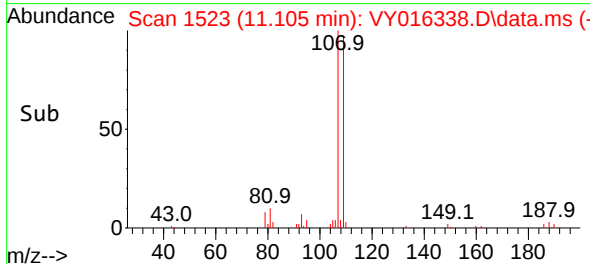
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



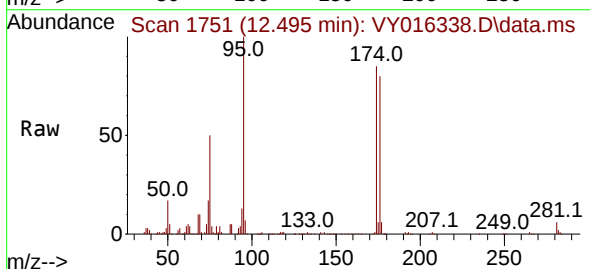
Tgt Ion:107 Resp: 25119
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

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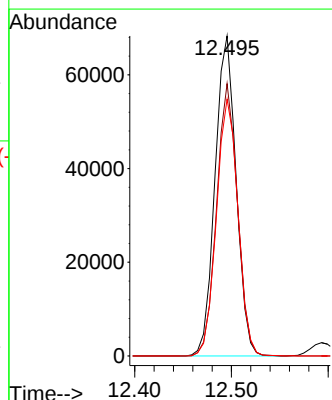
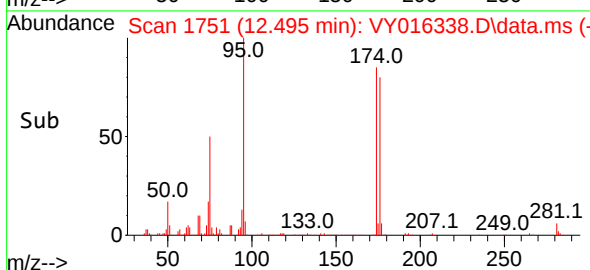
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

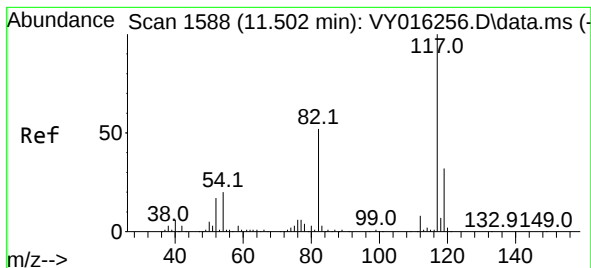


#62
4-Bromofluorobenzene
Concen: 52.544 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31



Tgt Ion: 95 Resp: 103349
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

Tgt Ion:117 Resp: 230119

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

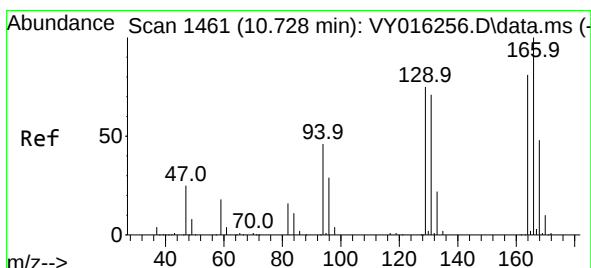
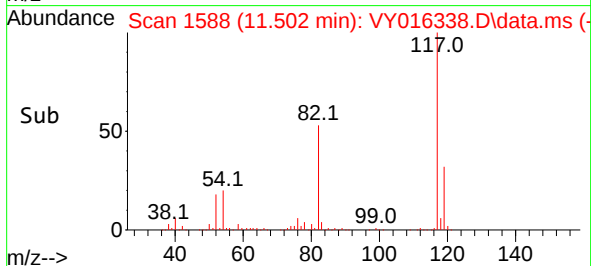
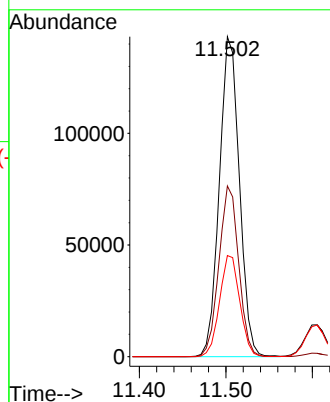
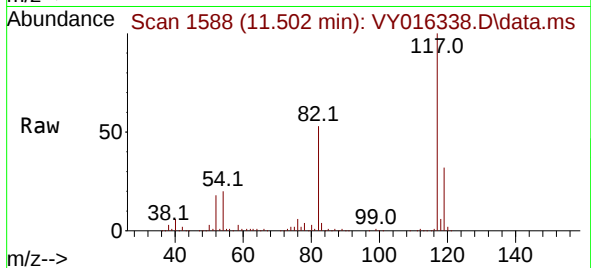
119 31.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#64

Tetrachloroethene

Concen: 19.131 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Tgt Ion:164 Resp: 39530

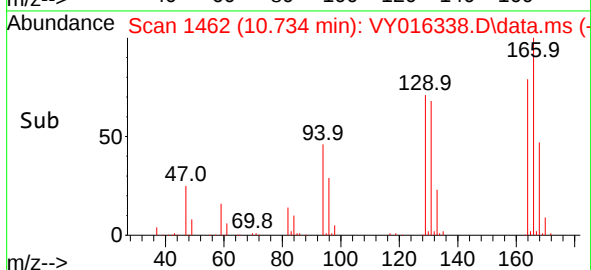
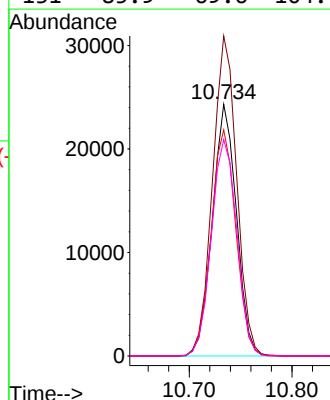
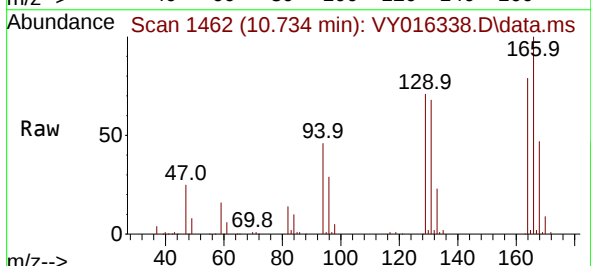
Ion Ratio Lower Upper

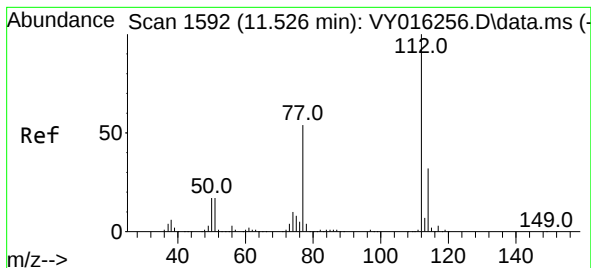
164 100

166 127.2 103.0 154.6

129 89.8 77.2 115.8

131 85.9 69.6 104.4





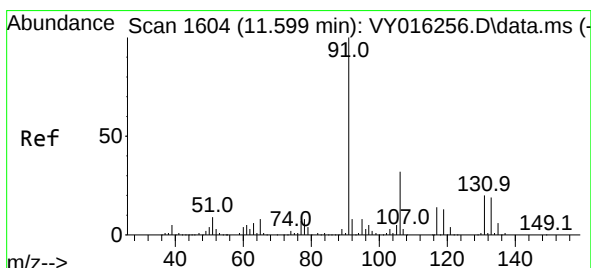
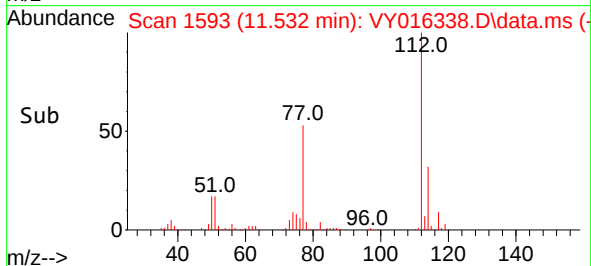
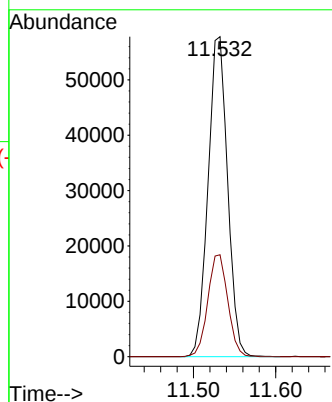
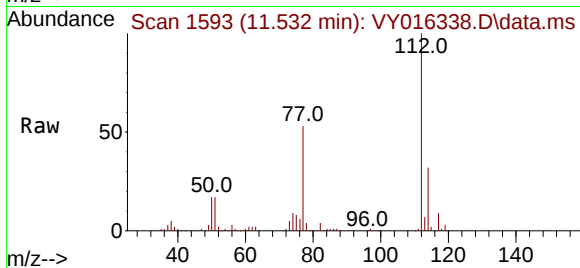
#65
Chlorobenzene
Concen: 19.388 ug/l
RT: 11.532 min Scan# 11532
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion:112 Resp: 9532
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

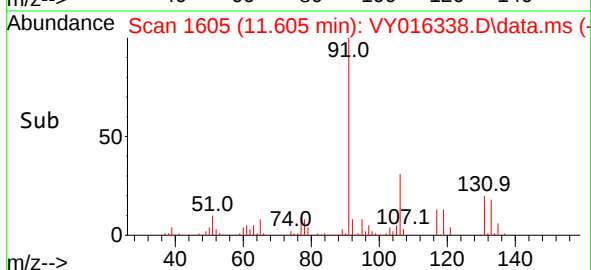
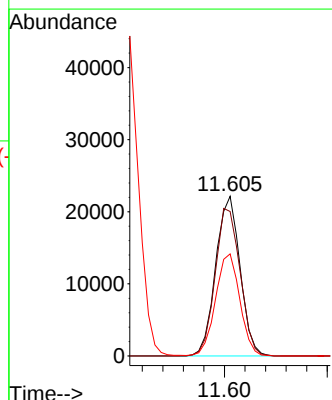
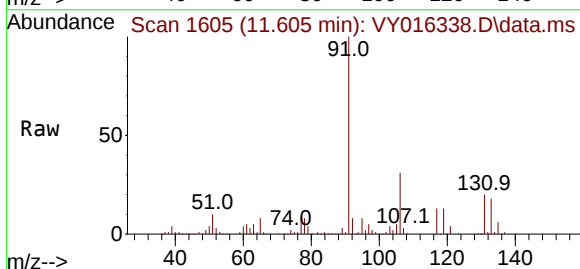
Manual Integrations
APPROVED

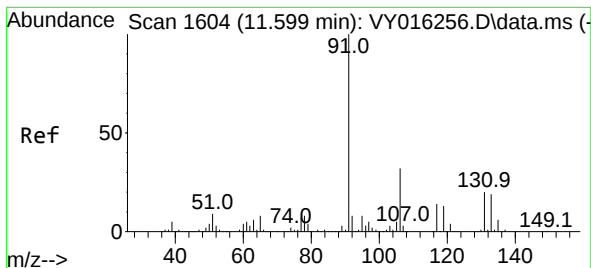
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.038 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion:131 Resp: 36336
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 19.278 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

Tgt Ion: 91 Resp: 17033

Ion Ratio Lower Upper

91 100

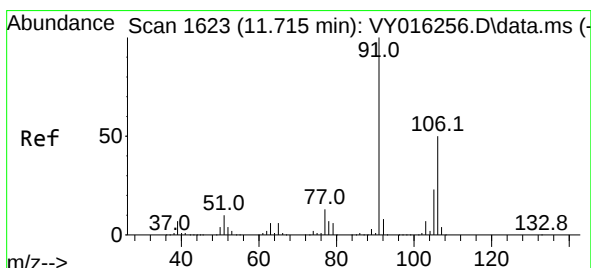
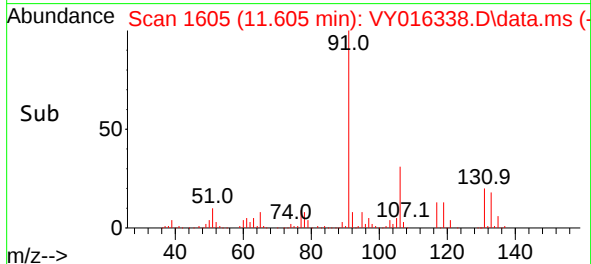
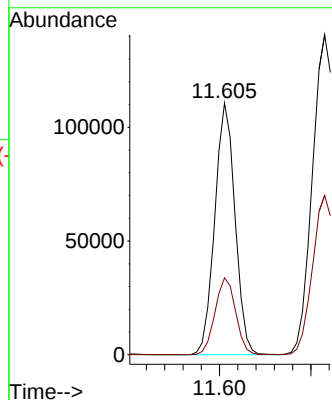
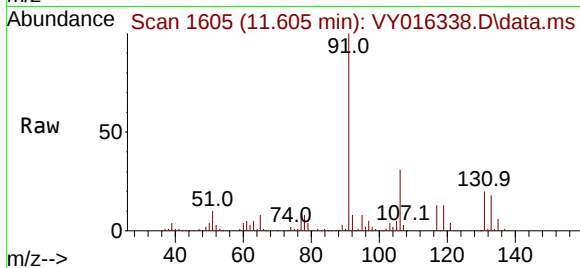
106 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#68

m/p-Xylenes

Concen: 38.732 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016338.D

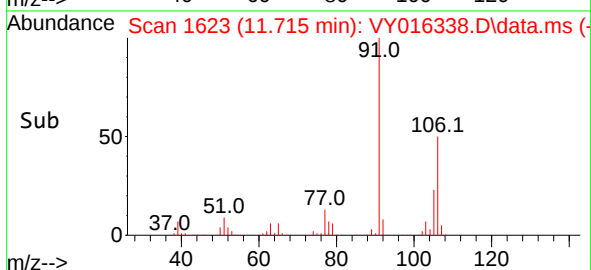
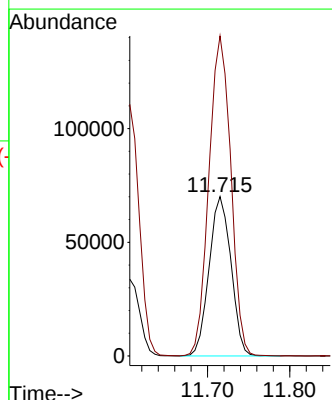
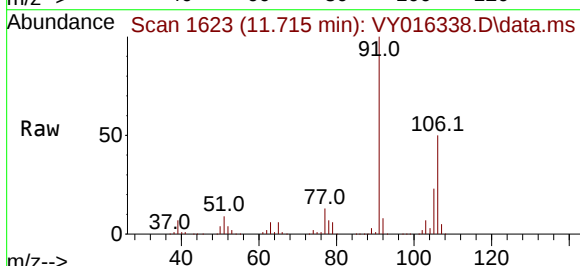
Acq: 14 Nov 2023 10:31

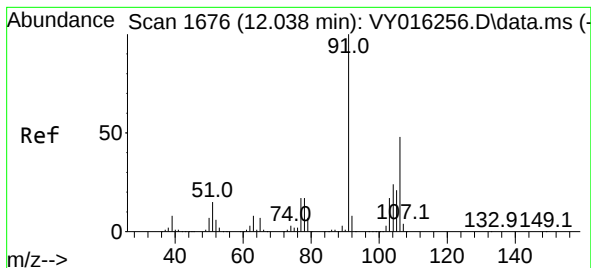
Tgt Ion:106 Resp: 129804

Ion Ratio Lower Upper

106 100

91 201.3 166.1 249.1





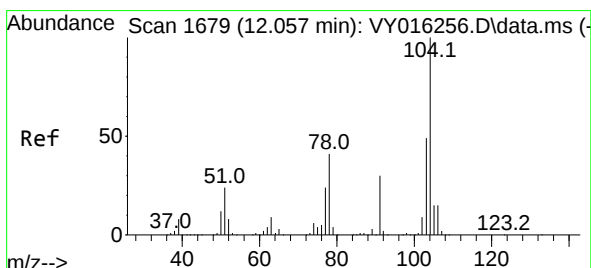
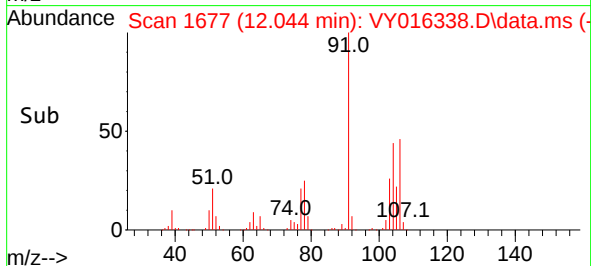
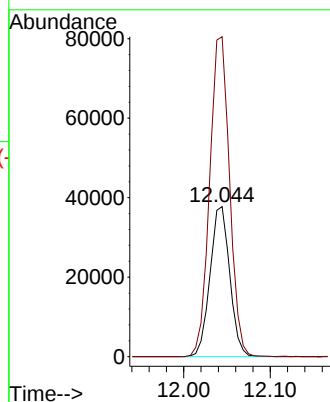
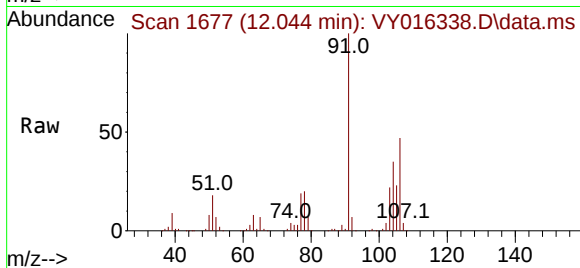
#69
o-Xylene
Concen: 19.200 ug/l
RT: 12.044 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion:106 Resp: 59744
Ion Ratio Lower Upper
106 100
91 215.4 108.1 324.3

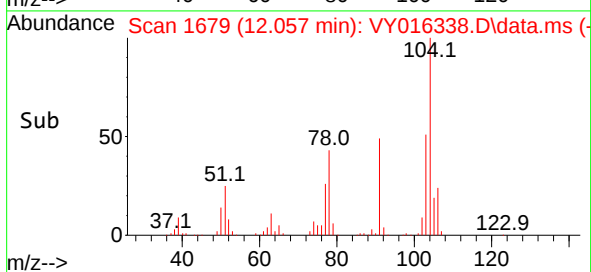
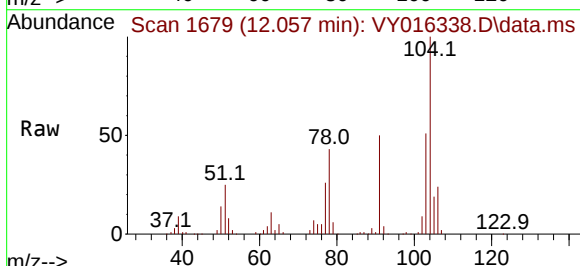
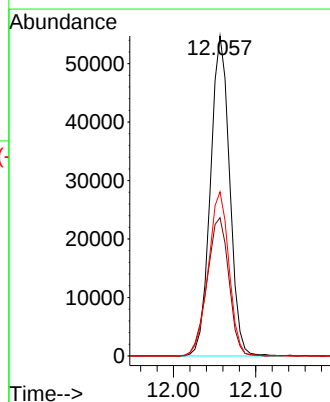
Manual Integrations
APPROVED

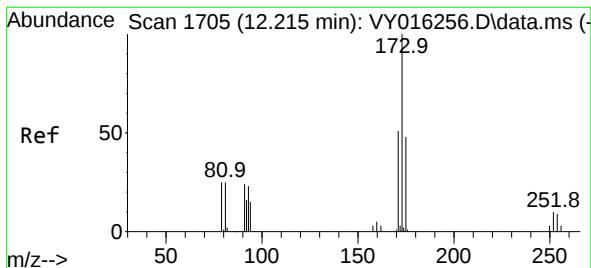
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#70
Styrene
Concen: 19.938 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion:104 Resp: 88834
Ion Ratio Lower Upper
104 100
78 49.1 41.5 62.3
103 55.2 44.6 67.0





#71

Bromoform

Concen: 20.455 ug/l

RT: 12.221 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

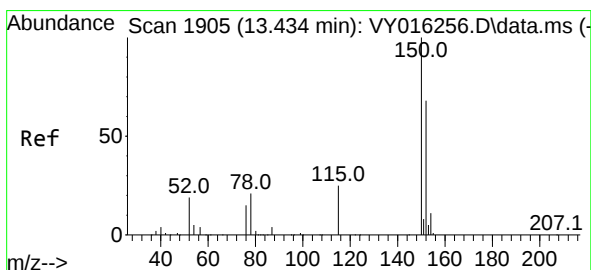
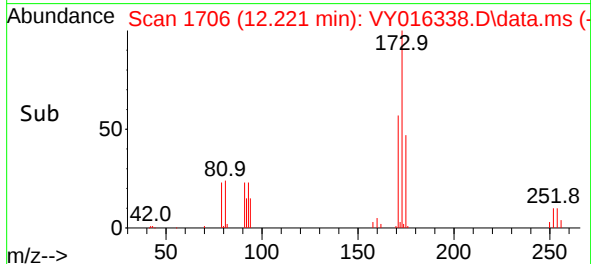
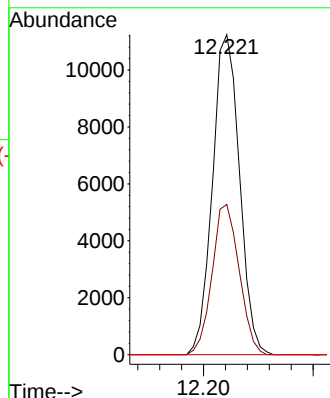
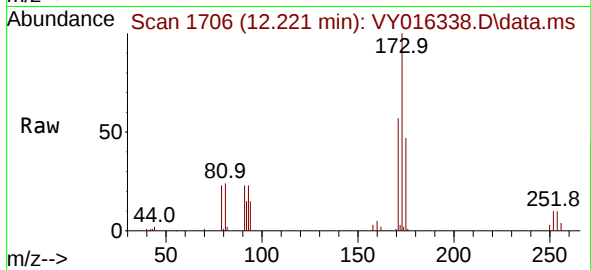
VY1114SBS01

Tgt Ion:	173	Resp:	1924
Ion Ratio	Lower	Upper	
173	100		
175	47.1	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

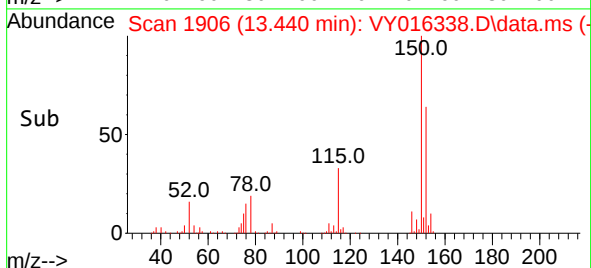
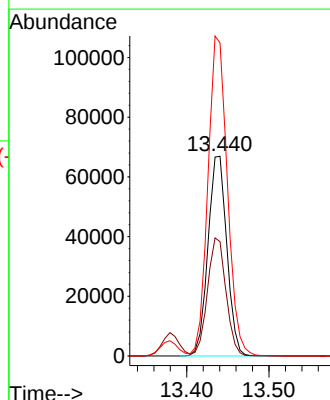
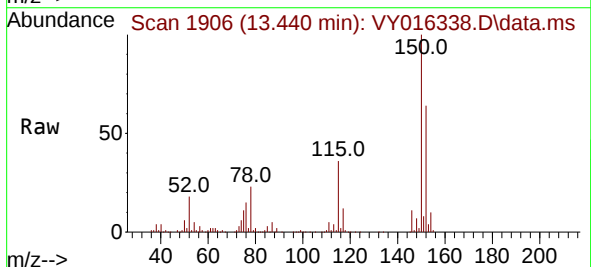
RT: 13.440 min Scan# 1906

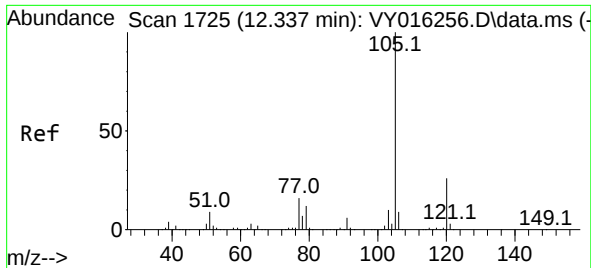
Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Tgt Ion:	152	Resp:	106612
Ion Ratio	Lower	Upper	
152	100		
115	57.9	28.8	86.5
150	164.9	0.0	348.8





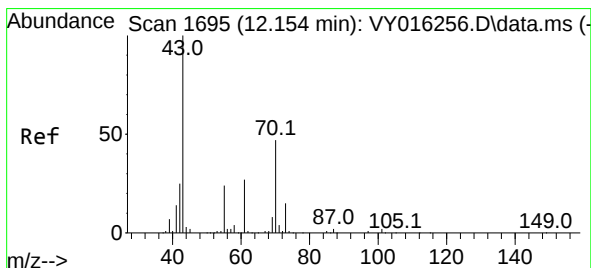
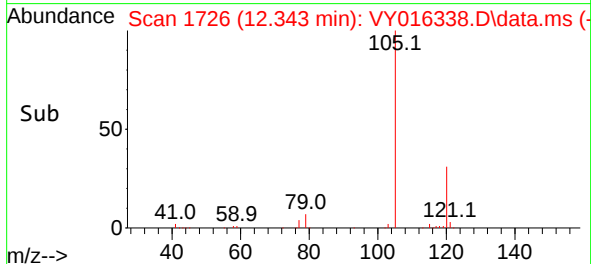
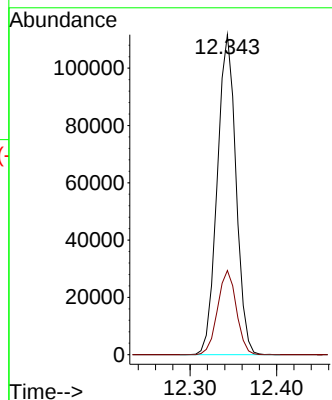
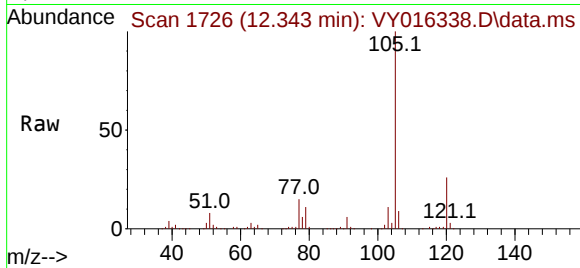
#73
Isopropylbenzene
Concen: 19.425 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion:105 Resp: 167698
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

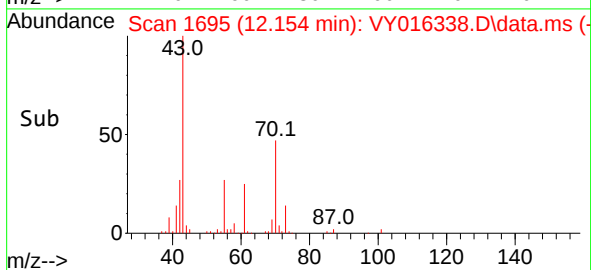
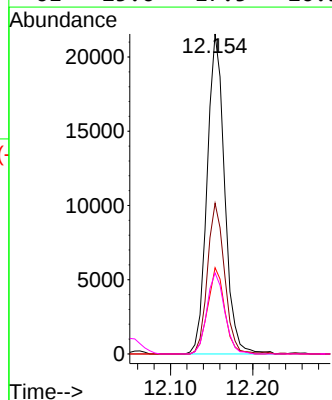
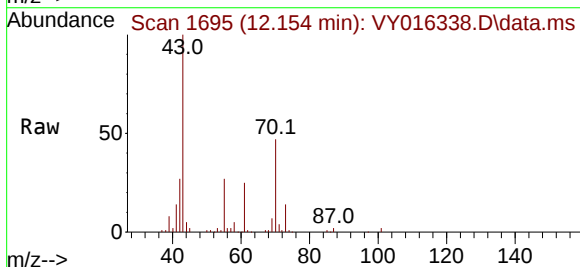
Manual Integrations
APPROVED

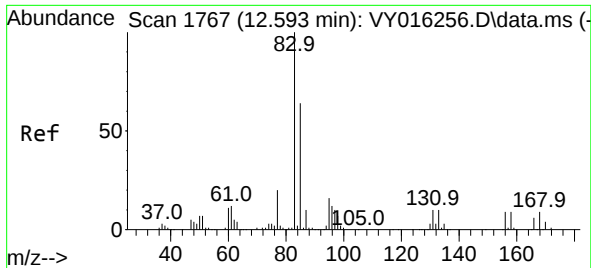
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#74
N-ethyl acetate
Concen: 18.430 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

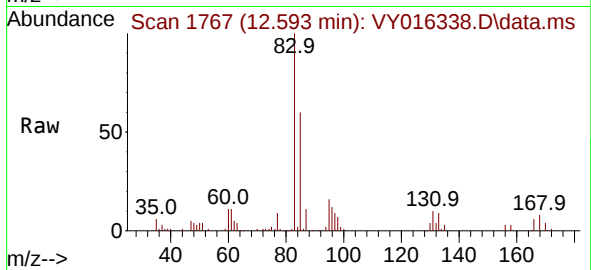
Tgt Ion: 43 Resp: 31960
Ion Ratio Lower Upper
43 100
70 45.9 29.7 44.5#
55 26.1 18.3 27.5
61 25.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 20.421 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

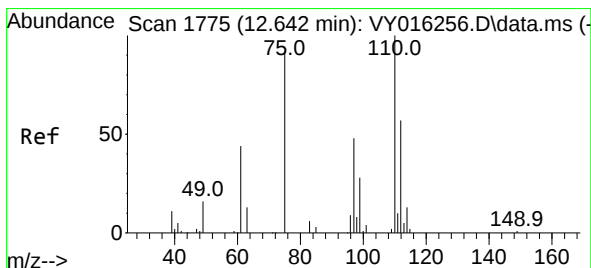
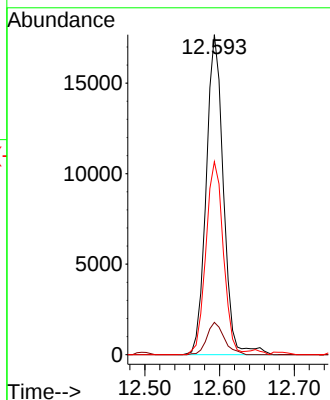
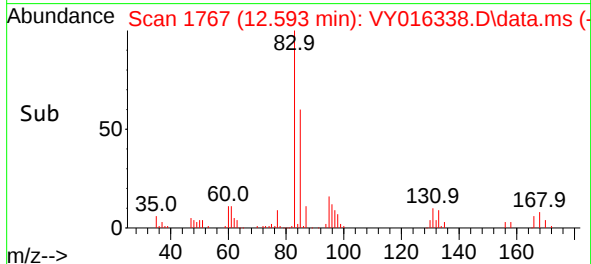
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion: 83 Resp: 28289
Ion Ratio Lower Upper
83 100
131 10.2 5.4 16.2
85 61.0 31.8 95.4

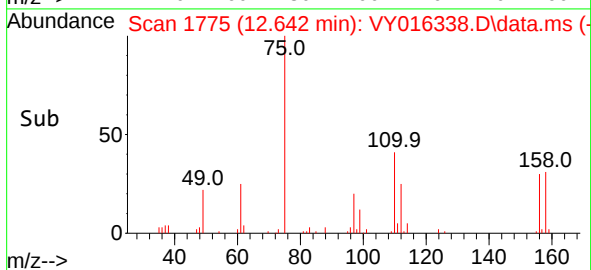
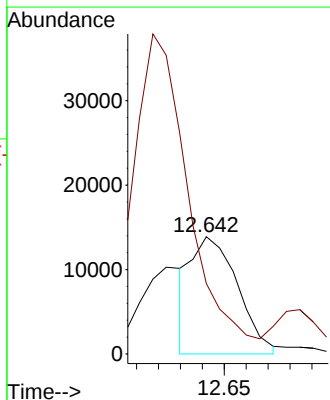
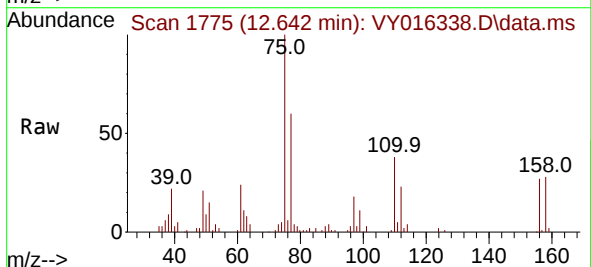
Manual Integrations
APPROVED

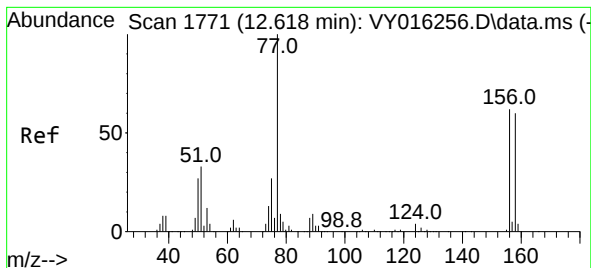
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#76
1,2,3-Trichloropropane
Concen: 19.942 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion: 75 Resp: 20395
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.951 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

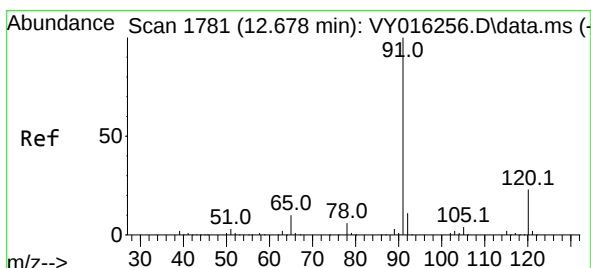
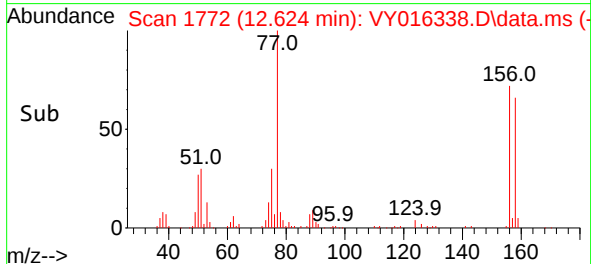
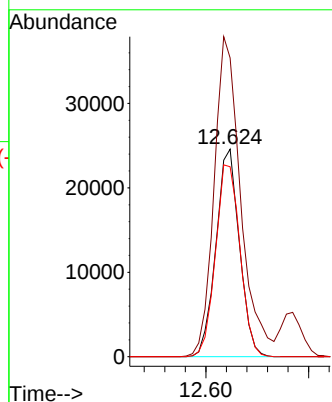
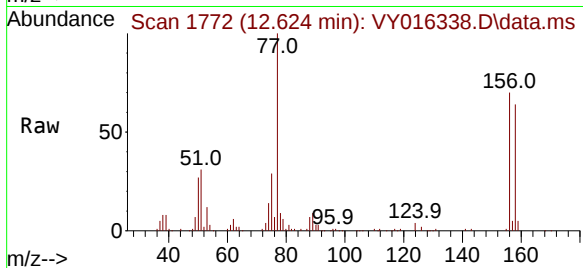
VY1114SBS01

Tgt Ion:	156	Resp:	38929
Ion Ratio	Lower	Upper	
156	100		
77	174.8	92.8	278.6
158	96.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#78

n-propylbenzene

Concen: 19.378 ug/l

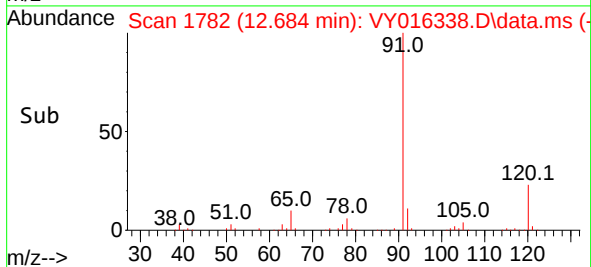
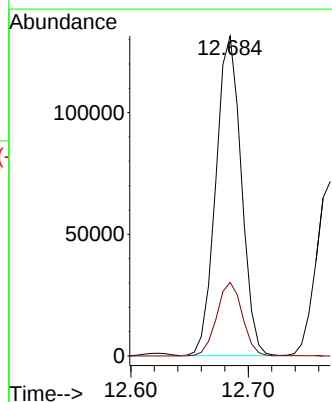
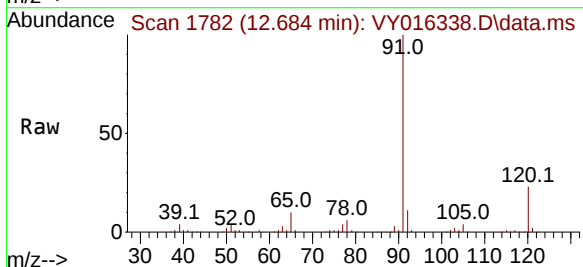
RT: 12.684 min Scan# 1782

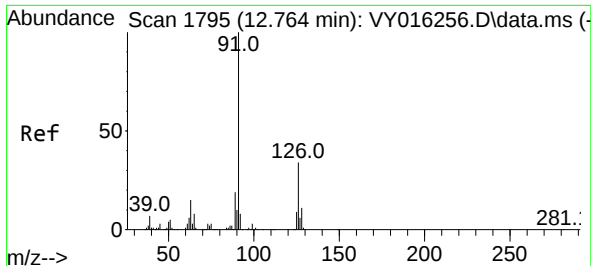
Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

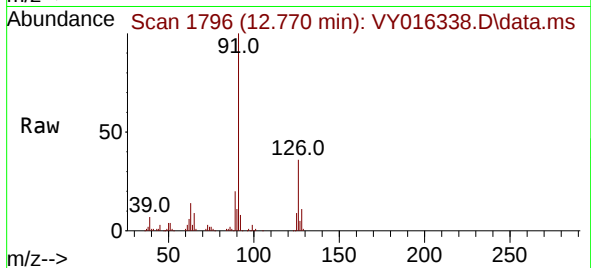
Tgt Ion:	91	Resp:	197708
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79
2-Chlorotoluene
Concen: 19.450 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

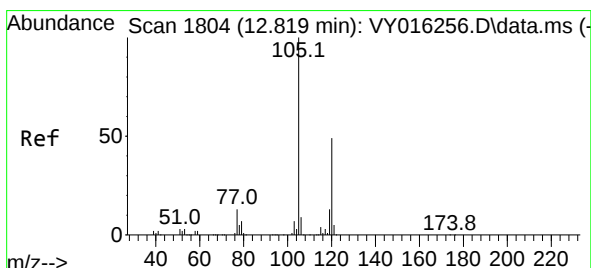
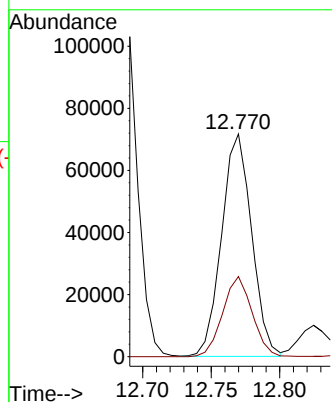
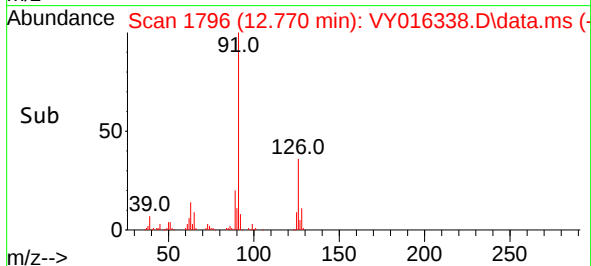
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion: 91 Resp: 109362
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

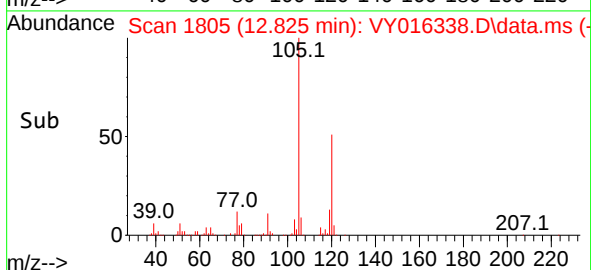
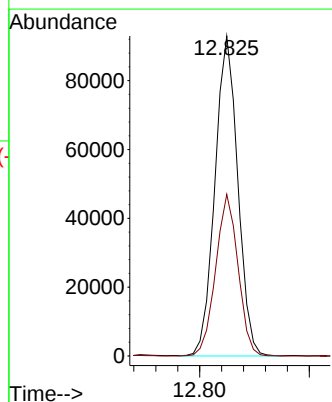
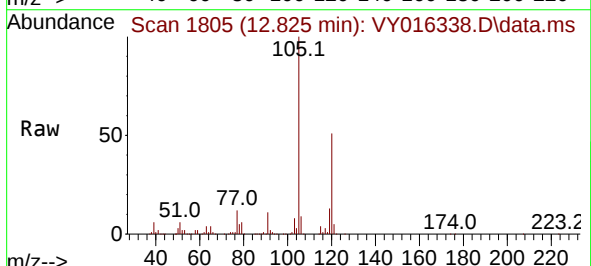
Manual Integrations
APPROVED

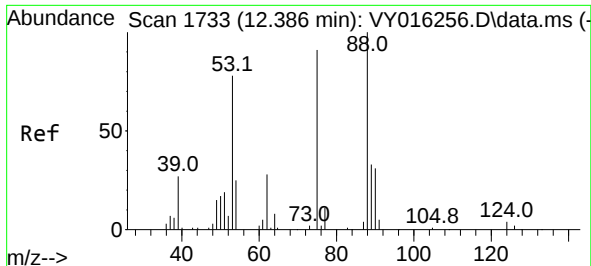
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.335 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion:105 Resp: 134585
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7





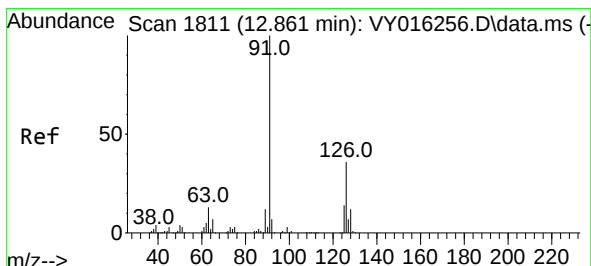
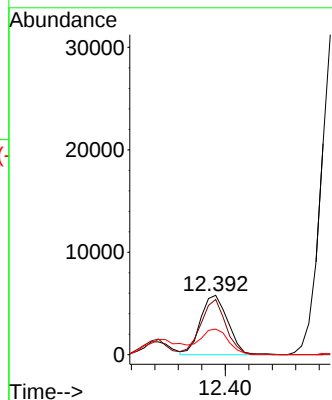
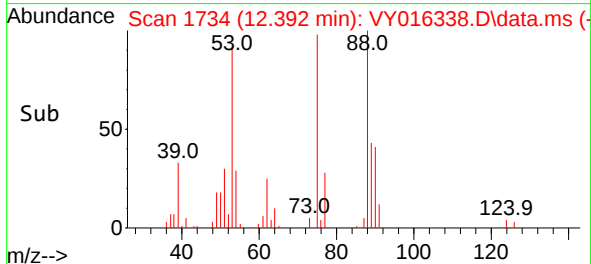
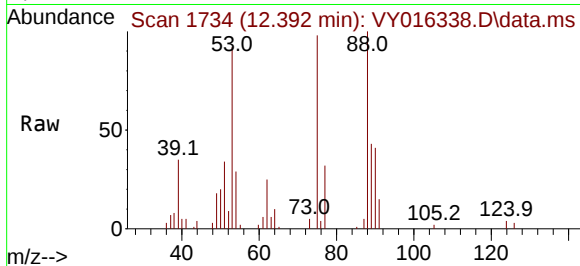
#81
trans-1,4-Dichloro-2-butene
Concen: 19.867 ug/l
RT: 12.392 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion: 75 Resp: 936
Ion Ratio Lower Upper
75 100
53 86.0 77.8 116.8
89 44.8 37.4 56.0

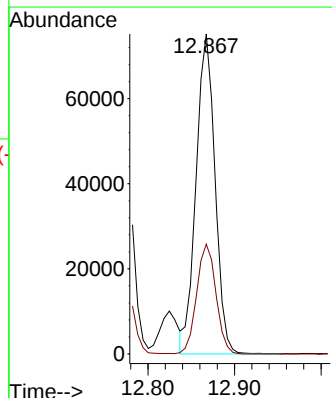
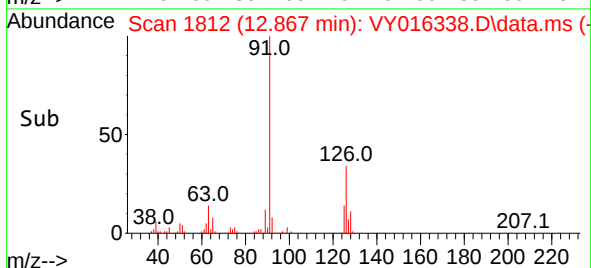
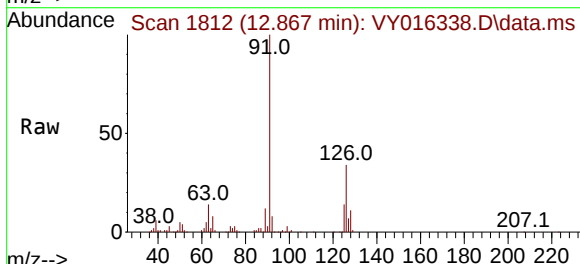
Manual Integrations
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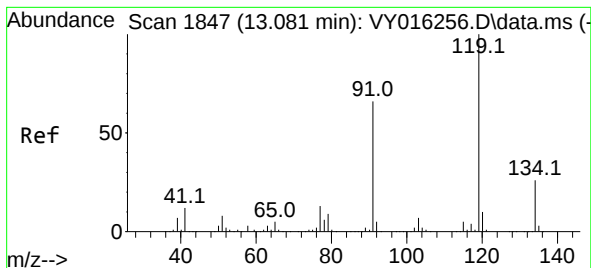
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#82
4-Chlorotoluene
Concen: 19.668 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion: 91 Resp: 114270
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.477 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

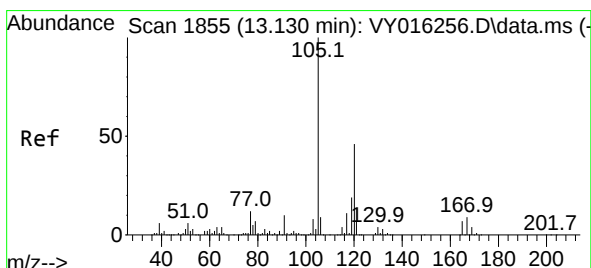
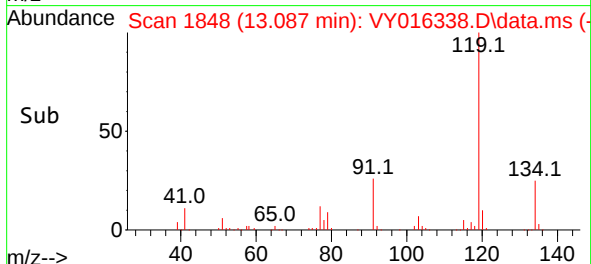
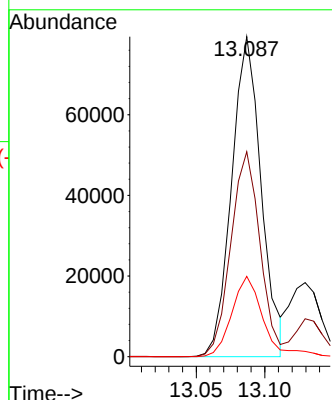
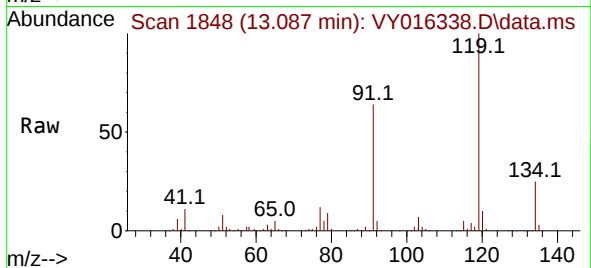
Tgt Ion:119 Resp: 119414

Ion	Ratio	Lower	Upper
119	100		
91	63.2	32.9	98.6
134	26.6	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.694 ug/l

RT: 13.130 min Scan# 1855

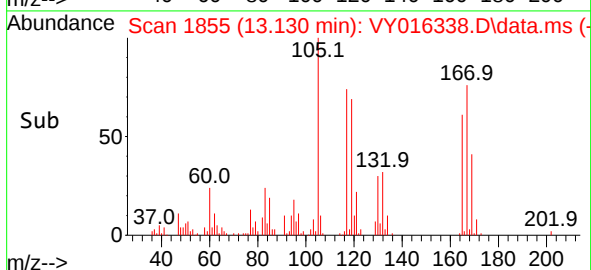
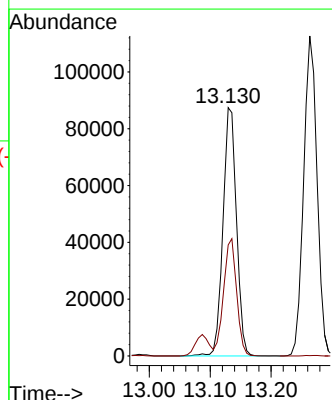
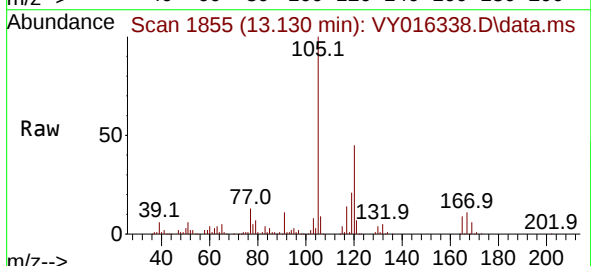
Delta R.T. -0.000 min

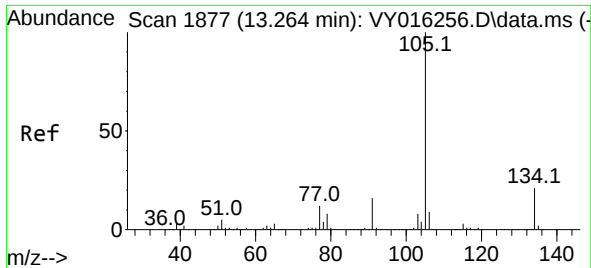
Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Tgt Ion:105 Resp: 134977

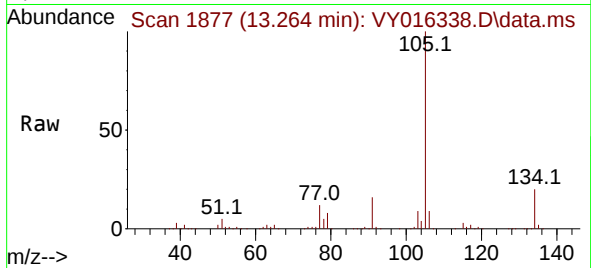
Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.2	66.6





#85
 sec-Butylbenzene
 Concen: 19.609 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016338.D
 Acq: 14 Nov 2023 10:31

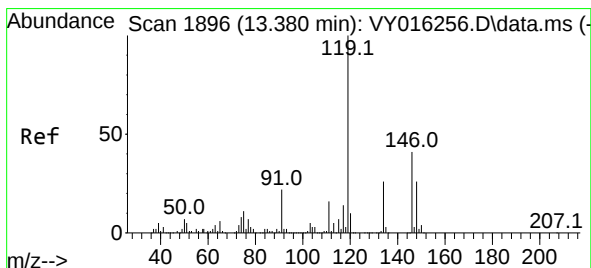
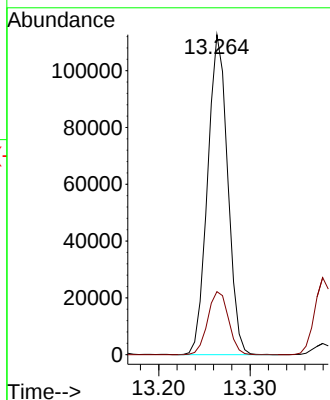
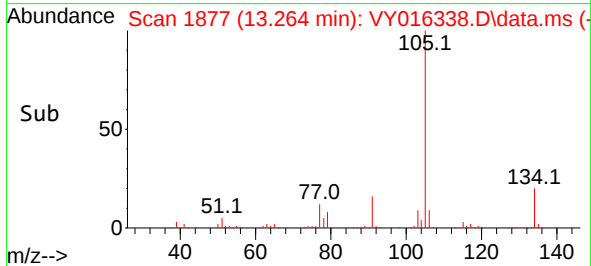
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01



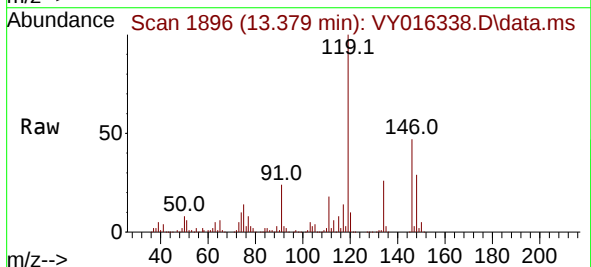
Tgt Ion:105 Resp: 17175
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

Manual Integrations
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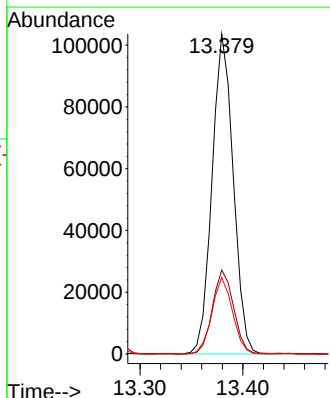
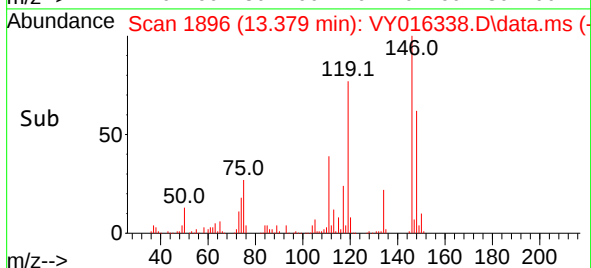
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

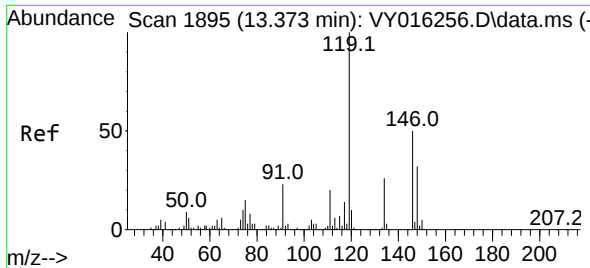


#86
 p-Isopropyltoluene
 Concen: 19.642 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016338.D
 Acq: 14 Nov 2023 10:31



Tgt Ion:119 Resp: 148139
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 23.3 12.4 37.4





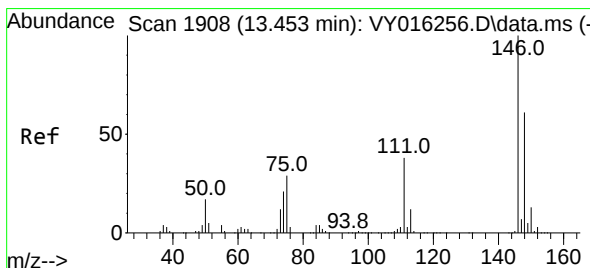
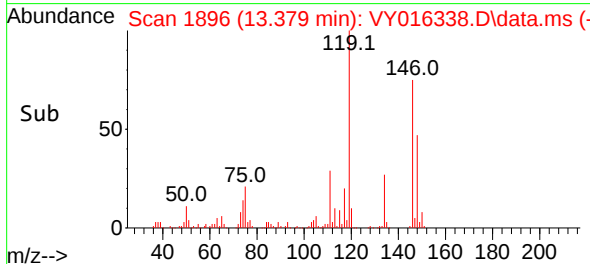
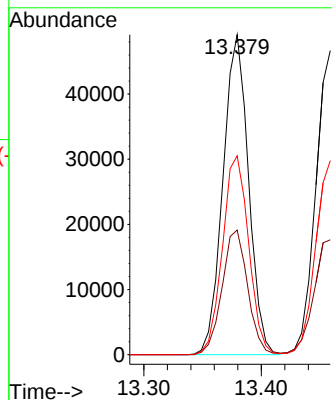
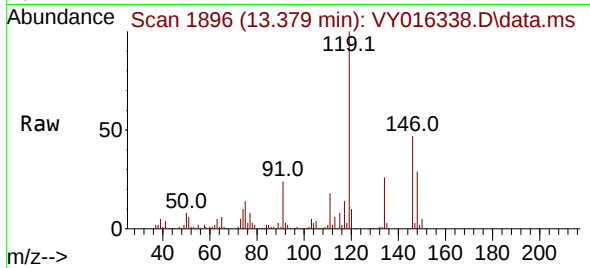
#87
1,3-Dichlorobenzene
Concen: 19.759 ug/l
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion:146 Resp: 7417
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.2
148 63.7 31.9 95.5

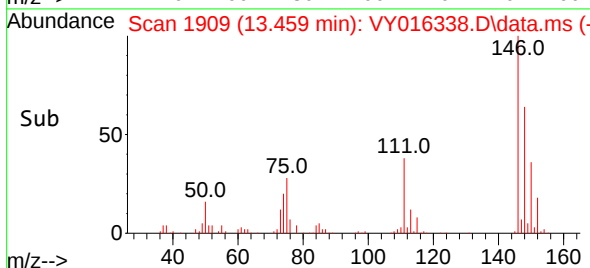
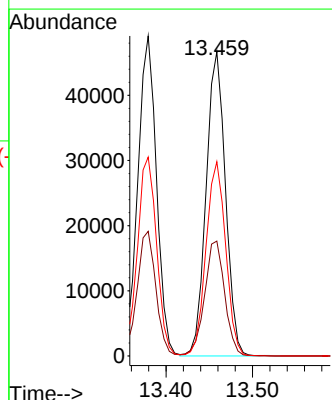
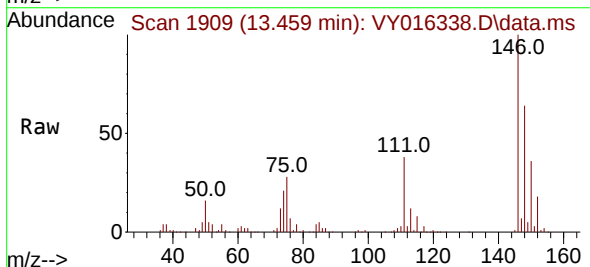
Manual Integrations
APPROVED

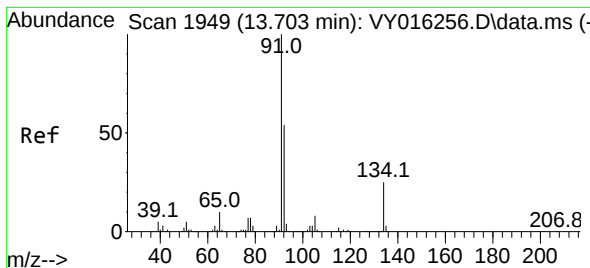
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#88
1,4-Dichlorobenzene
Concen: 19.747 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion:146 Resp: 72445
Ion Ratio Lower Upper
146 100
111 39.4 18.9 56.7
148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 19.681 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

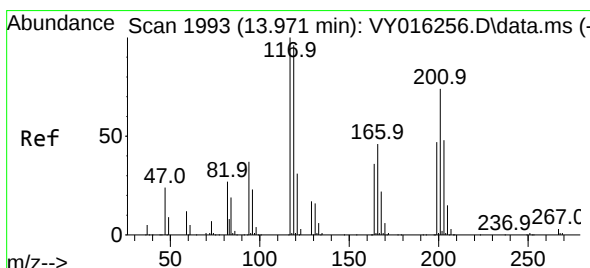
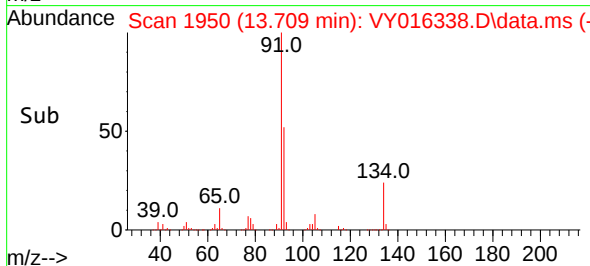
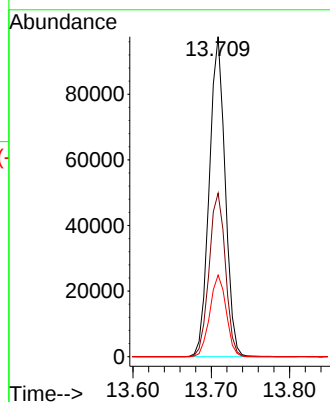
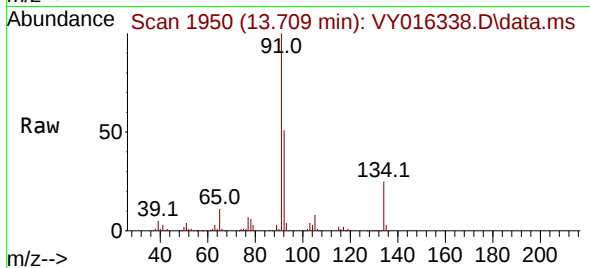
VY1114SBS01

Tgt Ion:	91	Resp:	13708
Ion Ratio	Lower	Upper	
91	100		
92	52.5	25.4	76.0
134	26.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#90

Hexachloroethane

Concen: 19.301 ug/l

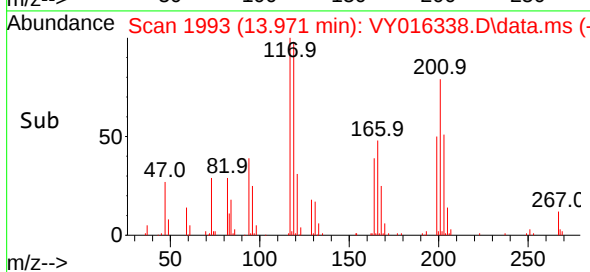
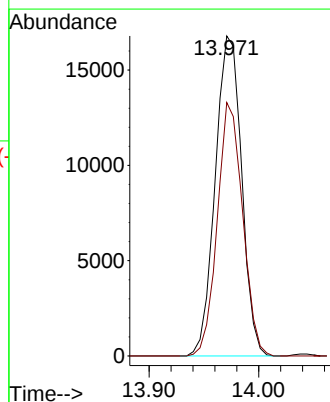
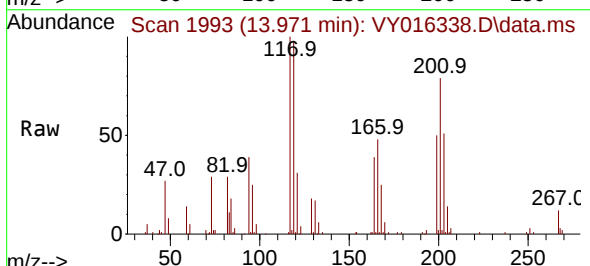
RT: 13.971 min Scan# 1993

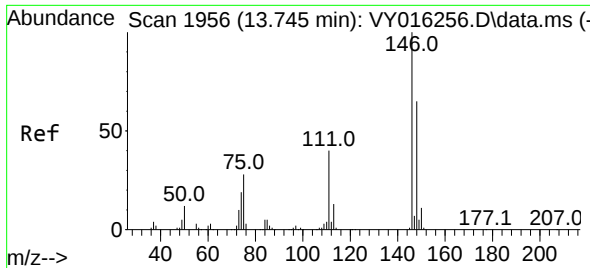
Delta R.T. -0.000 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Tgt Ion:	117	Resp:	28081
Ion Ratio	Lower	Upper	
117	100		
201	76.0	41.6	124.8





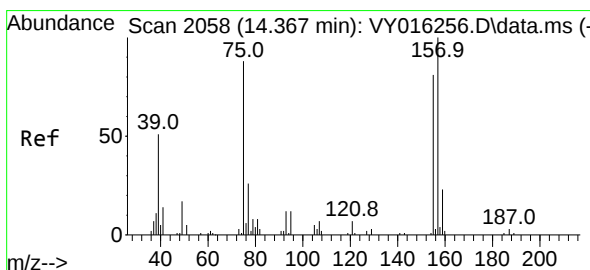
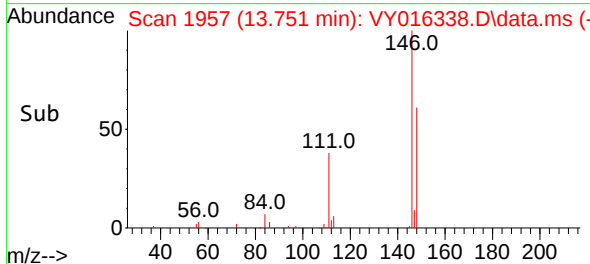
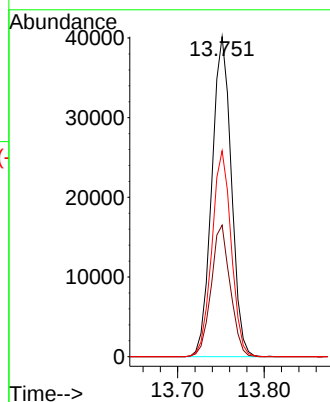
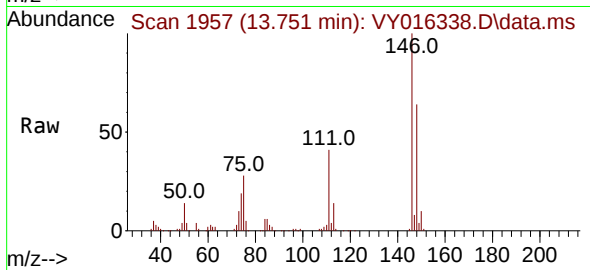
#91
1,2-Dichlorobenzene
Concen: 19.534 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion:146 Resp: 62834
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 63.7 32.0 96.2

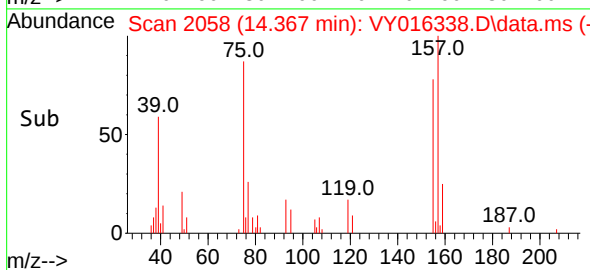
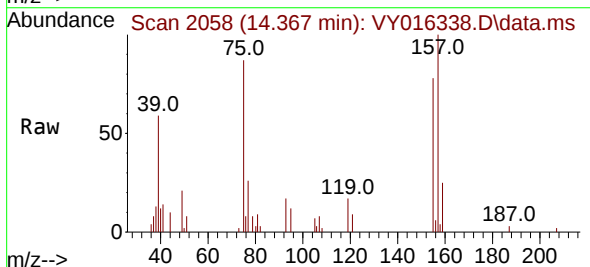
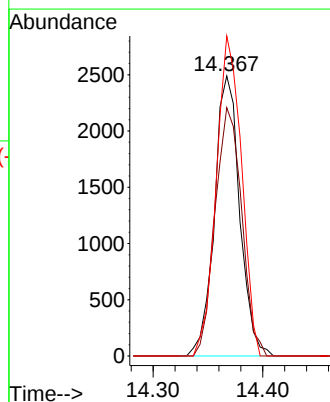
Manual Integrations
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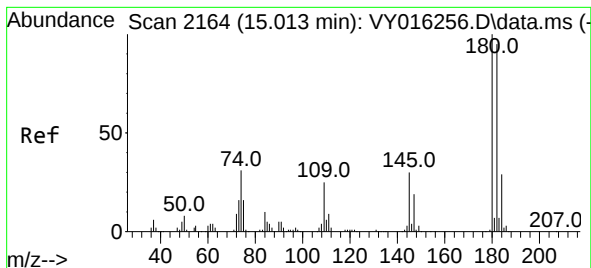
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.058 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

Tgt Ion: 75 Resp: 3980
Ion Ratio Lower Upper
75 100
155 93.6 41.5 124.6
157 114.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.838 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

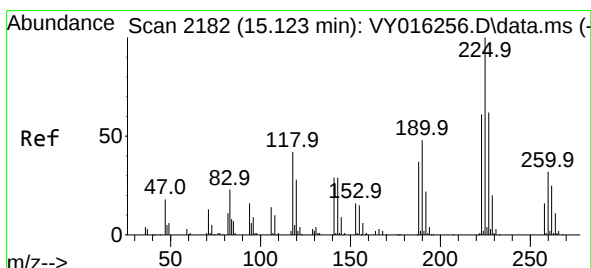
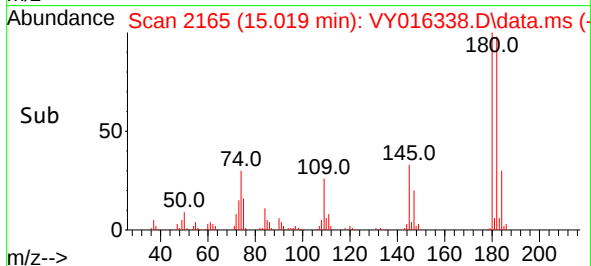
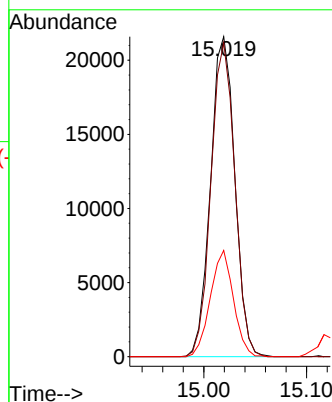
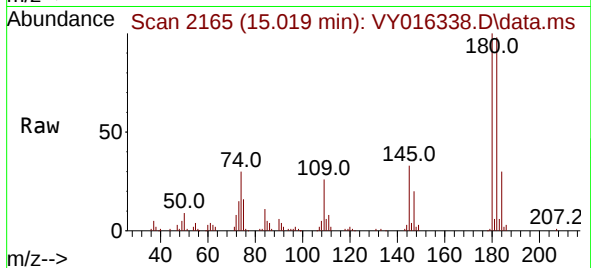
VY1114SBS01

Tgt Ion:	180	Resp:	35370
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.0	141.2
145	31.6	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#94

Hexachlorobutadiene

Concen: 20.000 ug/l

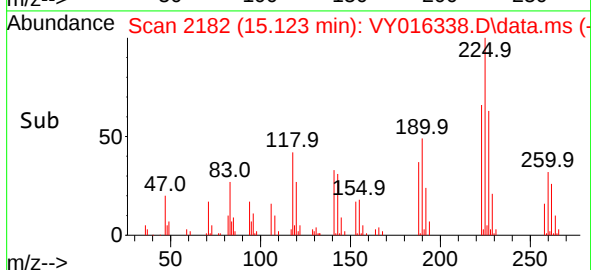
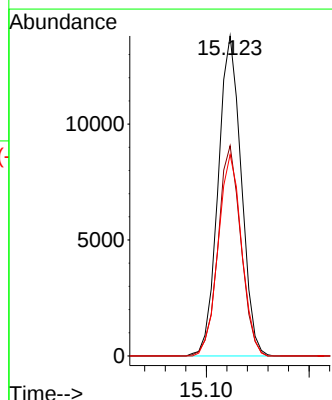
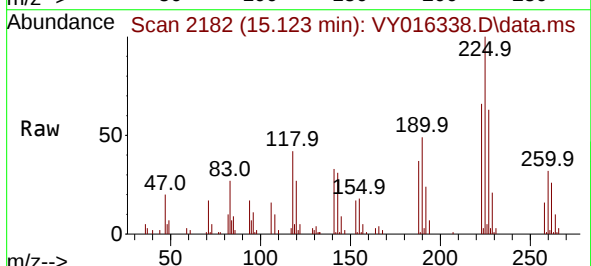
RT: 15.123 min Scan# 2182

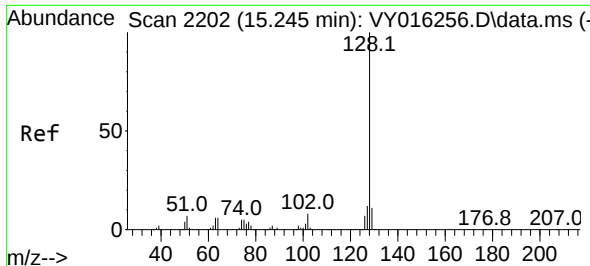
Delta R.T. -0.000 min

Lab File: VY016338.D

Acq: 14 Nov 2023 10:31

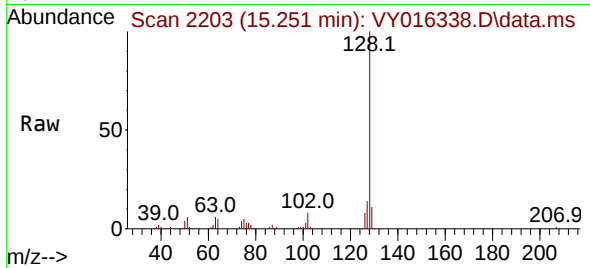
Tgt Ion:	225	Resp:	21514
Ion Ratio	Lower	Upper	
225	100		
223	64.8	31.9	95.9
227	63.7	33.0	98.9





#95
Naphthalene
Concen: 18.092 ug/l
RT: 15.251 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31

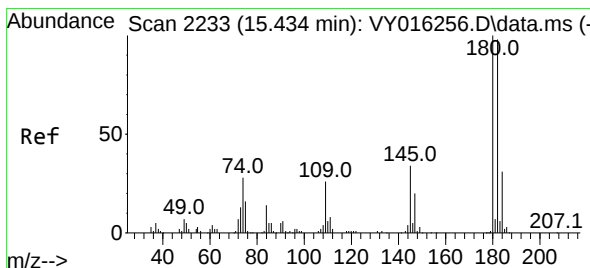
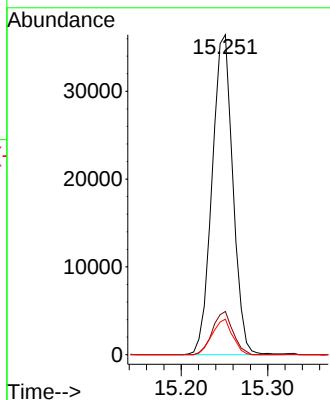
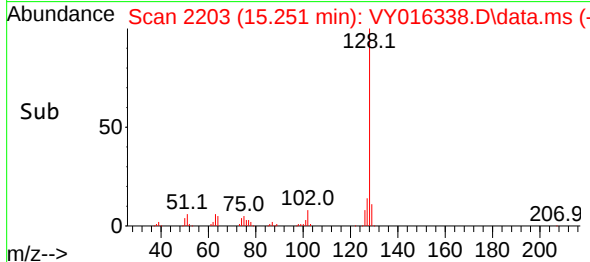
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



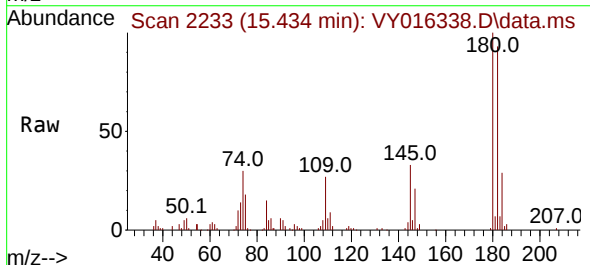
Tgt Ion:128 Resp: 6075
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.466 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY016338.D
Acq: 14 Nov 2023 10:31



Tgt Ion:180 Resp: 28677
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.8
145 32.3 15.4 46.2

