

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016423.D
 Acq On : 20 Nov 2023 14:31
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Quant Time: Nov 21 05:12:02 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
 Supervised By :Semsettin Yesilyurt 11/21/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	140241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	229407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	204180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	99941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	71280	55.612	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.220%			
35) Dibromofluoromethane	7.728	113	75565	57.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.980%			
50) Toluene-d8	10.191	98	286588	54.230	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.460%			
62) 4-Bromofluorobenzene	12.496	95	96390	56.159	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26771	19.495	ug/l	96
3) Chloromethane	2.119	50	29633	18.426	ug/l	99
4) Vinyl Chloride	2.260	62	30165	17.443	ug/l	97
5) Bromomethane	2.656	94	18792	16.535	ug/l	95
6) Chloroethane	2.802	64	19789	17.933	ug/l	95
7) Trichlorofluoromethane	3.137	101	50875	20.221	ug/l	98
8) Diethyl Ether	3.534	74	16353	21.747	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.906	101	30700	20.259	ug/l	97
10) Methyl Iodide	4.107	142	31113	19.010	ug/l	98
11) Tert butyl alcohol	4.960	59	10571	105.319	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	27659	19.517	ug/l	87
13) Acrolein	3.741	56	10575	87.350	ug/l	98
14) Allyl chloride	4.485	41	37812	18.802	ug/l #	90
15) Acrylonitrile	5.174	53	33940	113.735	ug/l	96
16) Acetone	3.954	43	33430	157.676	ug/l #	87
17) Carbon Disulfide	4.210	76	70948	16.592	ug/l	99
18) Methyl Acetate	4.485	43	25711	22.822	ug/l #	87
19) Methyl tert-butyl Ether	5.235	73	74673	21.770	ug/l	97
20) Methylene Chloride	4.729	84	75693	50.577	ug/l	85
21) trans-1,2-Dichloroethene	5.235	96	32030	19.630	ug/l	94
22) Diisopropyl ether	6.131	45	88081	20.323	ug/l #	86
23) Vinyl Acetate	6.070	43	210071	100.030	ug/l #	89
24) 1,1-Dichloroethane	6.027	63	55490	20.753	ug/l	95
25) 2-Butanone	6.997	43	48328	130.139	ug/l #	82
26) 2,2-Dichloropropane	6.997	77	50011	20.551	ug/l	97
27) cis-1,2-Dichloroethene	6.997	96	37889	21.546	ug/l	88
28) Bromochloromethane	7.344	49	20915	21.135	ug/l	83
29) Tetrahydrofuran	7.362	42	25885	105.457	ug/l #	85
30) Chloroform	7.515	83	60890	21.878	ug/l	99
31) Cyclohexane	7.801	56	44095	17.473	ug/l	85
32) 1,1,1-Trichloroethane	7.716	97	54329	21.295	ug/l	97
36) 1,1-Dichloropropene	7.929	75	43540	19.241	ug/l	98
37) Ethyl Acetate	7.088	43	19203	21.003	ug/l #	93
38) Carbon Tetrachloride	7.911	117	50176	21.365	ug/l	99
39) Methylcyclohexane	9.197	83	49955	17.717	ug/l	92
40) Benzene	8.167	78	131185	20.634	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	10779	23.382	ug/l #	84
42) 1,2-Dichloroethane	8.246	62	35710	21.678	ug/l	94
43) Isopropyl Acetate	8.283	43	36051	20.399	ug/l #	87
44) Trichloroethene	8.953	130	38382	21.006	ug/l	92
45) 1,2-Dichloropropane	9.228	63	31687	20.754	ug/l	97
46) Dibromomethane	9.319	93	18796	22.717	ug/l	89
47) Bromodichloromethane	9.508	83	46506	21.863	ug/l	97
48) Methyl methacrylate	9.301	41	19289	19.748	ug/l #	80
49) 1,4-Dioxane	9.313	88	3372	383.882	ug/l #	53
51) 4-Methyl-2-Pentanone	10.081	43	95233	106.561	ug/l	89
52) Toluene	10.258	92	83478	20.772	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	44479	21.570	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	52243	21.212	ug/l #	86
55) 1,1,2-Trichloroethane	10.654	97	26188	22.964	ug/l	97
56) Ethyl methacrylate	10.520	69	23225	21.575	ug/l #	80
57) 1,3-Dichloropropane	10.801	76	43327	22.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	74167	101.607	ug/l	90
59) 2-Hexanone	10.843	43	80393	120.937	ug/l	86
60) Dibromochloromethane	10.996	129	33824	23.716	ug/l	100
61) 1,2-Dibromoethane	11.099	107	24843	22.866	ug/l	97
64) Tetrachloroethene	10.728	164	38577	21.042	ug/l	98
65) Chlorobenzene	11.526	112	92046	21.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	35871	22.294	ug/l	98
67) Ethyl Benzene	11.605	91	160168	20.430	ug/l	97
68) m/p-Xylenes	11.715	106	122380	41.156	ug/l	95
69) o-Xylene	12.038	106	58167	21.068	ug/l	96
70) Styrene	12.057	104	85771	21.696	ug/l	97
71) Bromoform	12.221	173	19354	23.182	ug/l #	99
73) Isopropylbenzene	12.343	105	156577	19.347	ug/l	98
74) N-amyl acetate	12.154	43	29909	18.399	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.593	83	28161	21.685	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	20704m	21.595	ug/l	
77) Bromobenzene	12.624	156	38103	20.831	ug/l	93
78) n-propylbenzene	12.685	91	184172	19.256	ug/l	99
79) 2-Chlorotoluene	12.770	91	104724	19.869	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	129651	19.870	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	8988	20.349	ug/l	92
82) 4-Chlorotoluene	12.867	91	109035	20.020	ug/l	98
83) tert-Butylbenzene	13.087	119	113810	19.802	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	128851	20.055	ug/l	99
85) sec-Butylbenzene	13.264	105	163262	19.884	ug/l	100
86) p-Isopropyltoluene	13.380	119	140982	19.941	ug/l	98
87) 1,3-Dichlorobenzene	13.380	146	71984	20.456	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	71790	20.875	ug/l	99
89) n-Butylbenzene	13.709	91	126502	19.375	ug/l	96
90) Hexachloroethane	13.971	117	27083	19.858	ug/l	94
91) 1,2-Dichlorobenzene	13.751	146	64165	21.279	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4427	21.426	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	36451	20.709	ug/l	99
94) Hexachlorobutadiene	15.123	225	21586	21.406	ug/l	99
95) Naphthalene	15.245	128	67114	21.320	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	30980	21.280	ug/l	98

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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

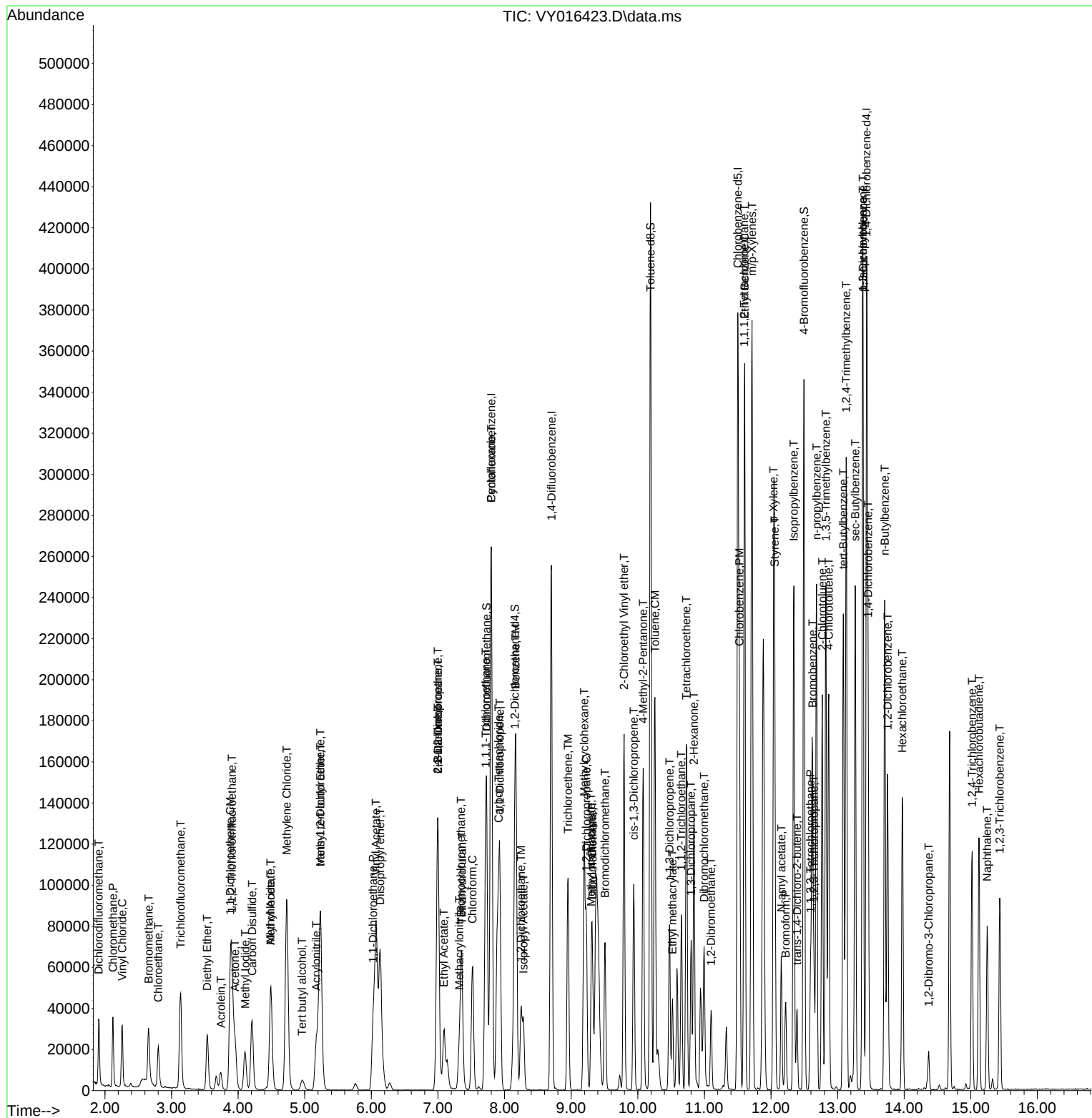
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Data File : VY016423.D
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Sample : VY1120SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

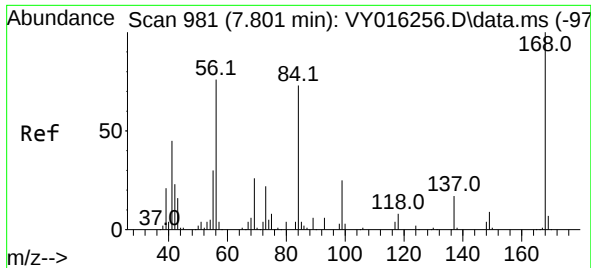
Instrument :
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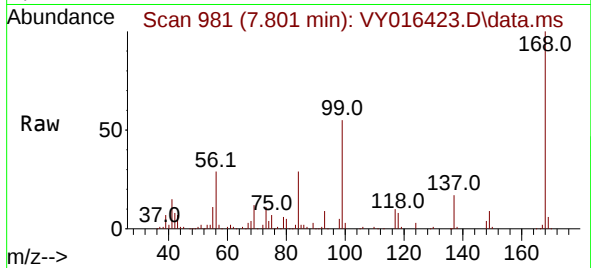
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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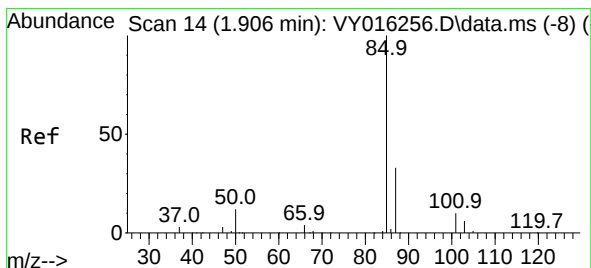
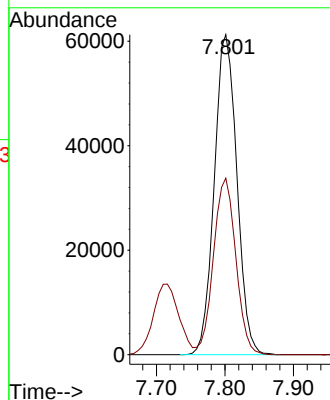
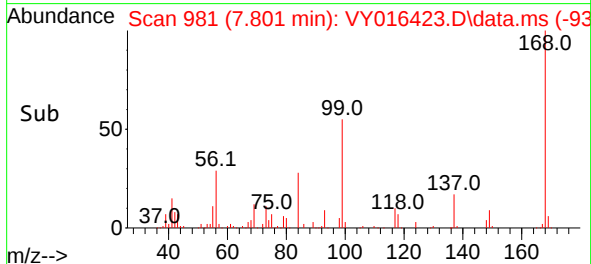
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



Tgt Ion:168 Resp: 14024
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0

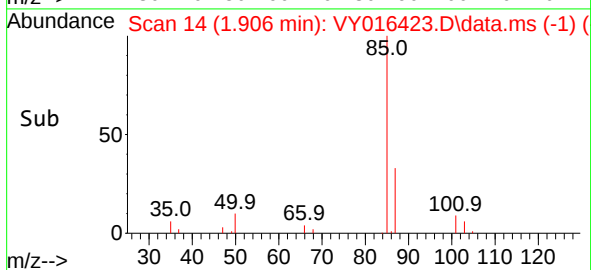
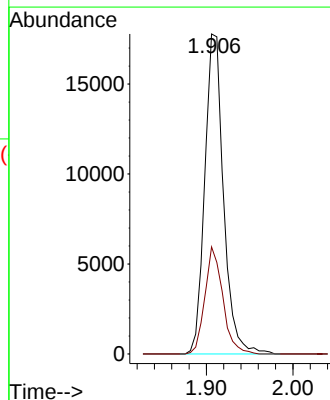
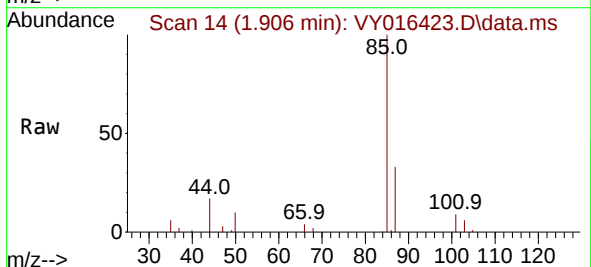
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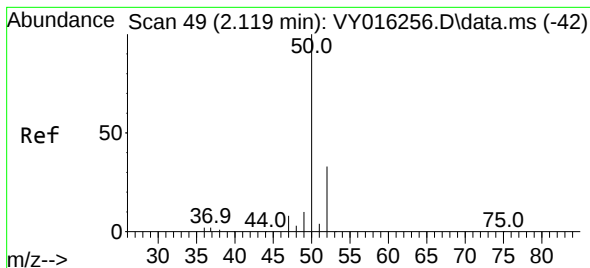
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#2
Dichlorodifluoromethane
Concen: 19.495 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 85 Resp: 26771
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8





#3

Chloromethane

Concen: 18.426 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tgt Ion: 50 Resp: 2963

Ion Ratio Lower Upper

50 100

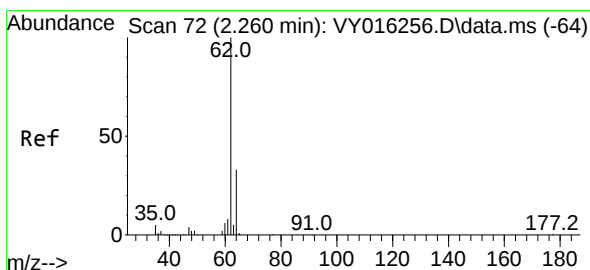
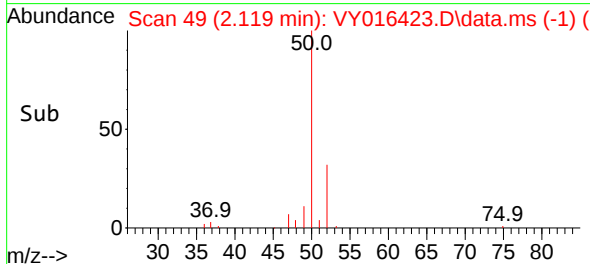
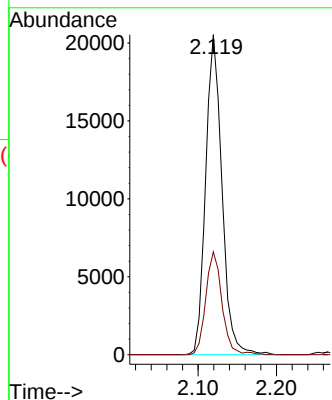
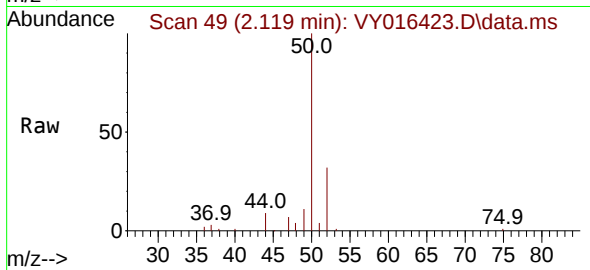
52 32.1 25.4 38.2

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#4

Vinyl Chloride

Concen: 17.443 ug/l

RT: 2.260 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016423.D

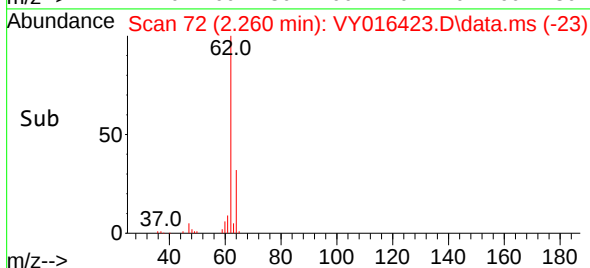
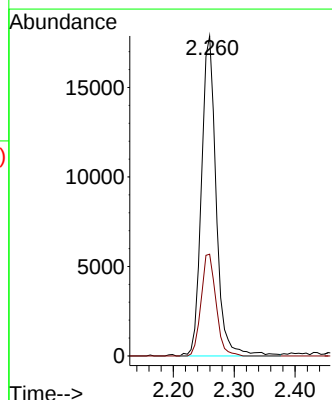
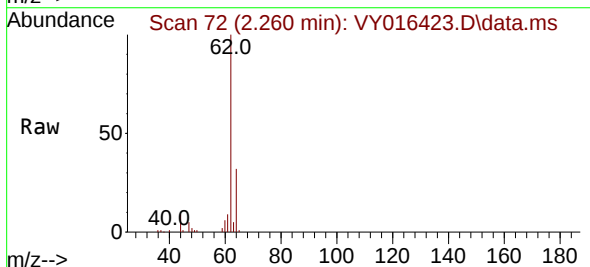
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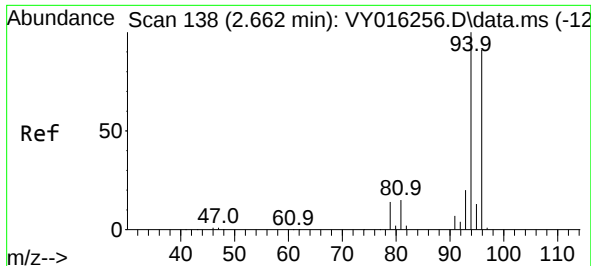
Tgt Ion: 62 Resp: 30165

Ion Ratio Lower Upper

62 100

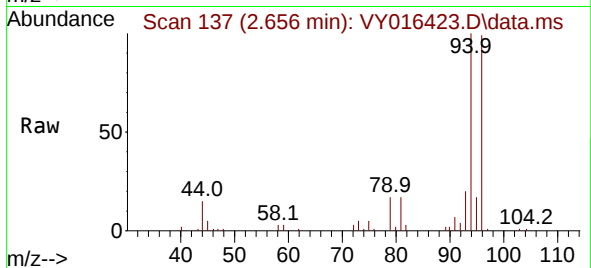
64 31.8 24.3 36.5





#5
Bromomethane
Concen: 16.535 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
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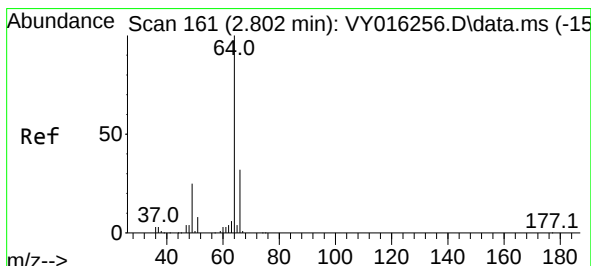
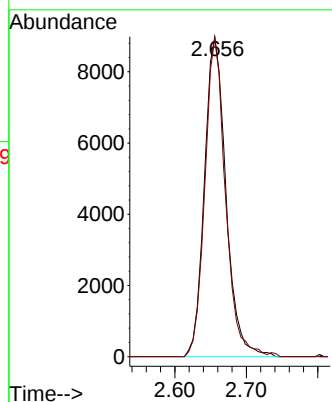
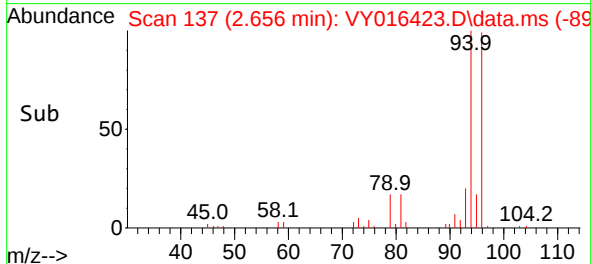
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Tgt Ion: 94 Resp: 18792
Ion Ratio Lower Upper
94 100
96 99.3 75.8 113.6

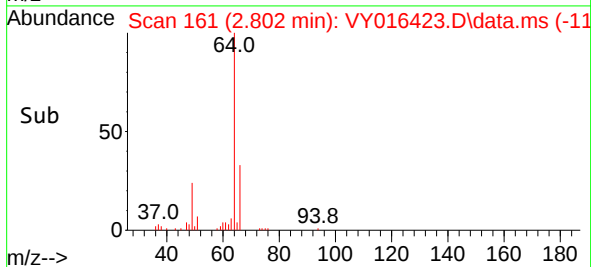
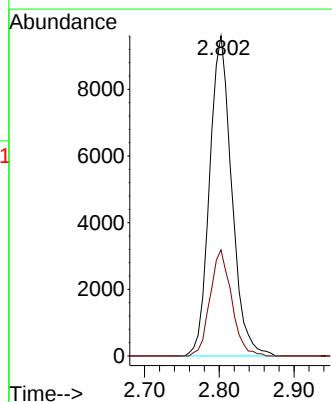
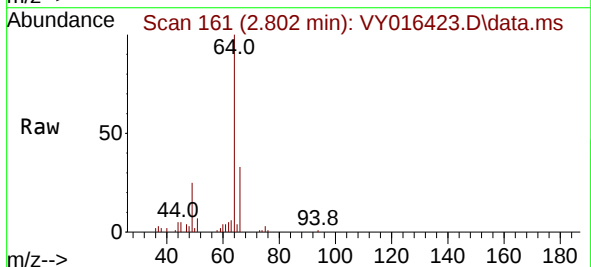
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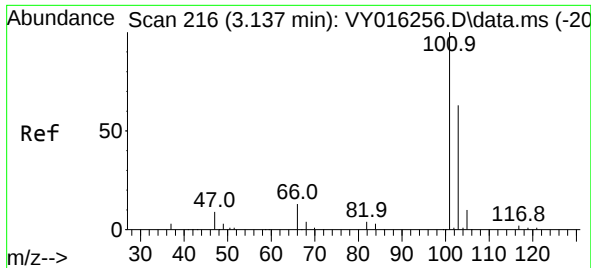
Reviewed By :Mahesh Dadoda 11/21/2023
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#6
Chloroethane
Concen: 17.933 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

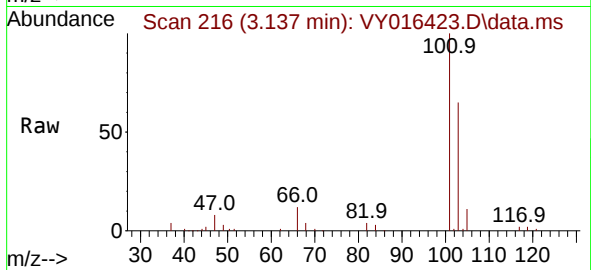
Tgt Ion: 64 Resp: 19789
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6





#7
Trichlorofluoromethane
Concen: 20.221 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

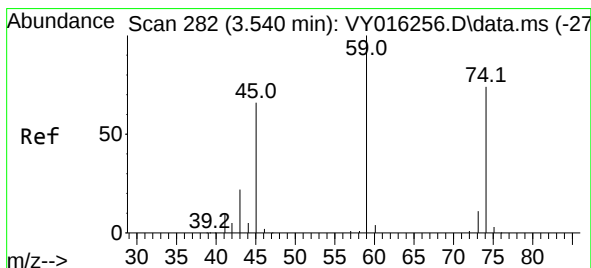
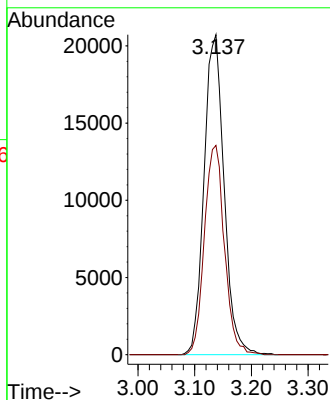
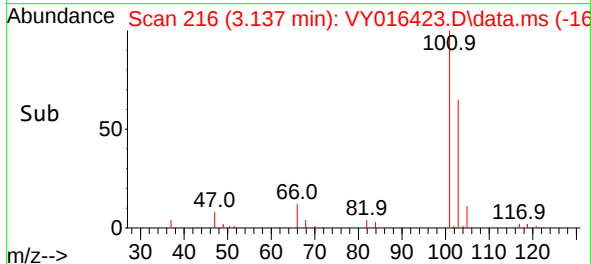
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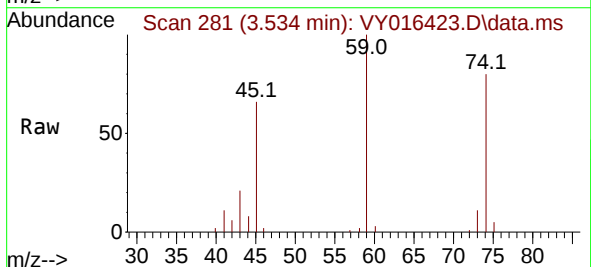
Tgt Ion:101 Resp: 5087
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

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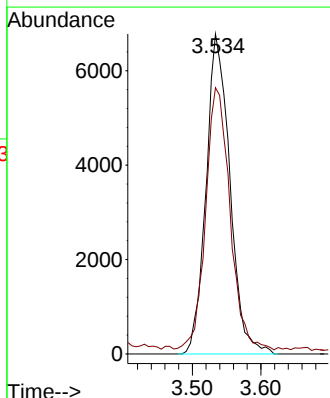
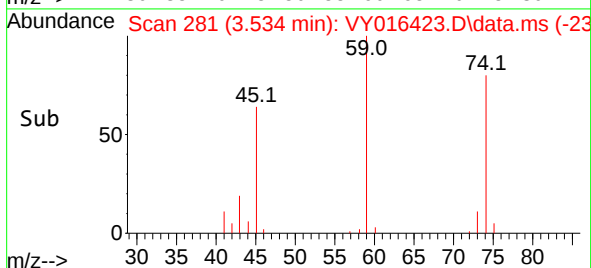
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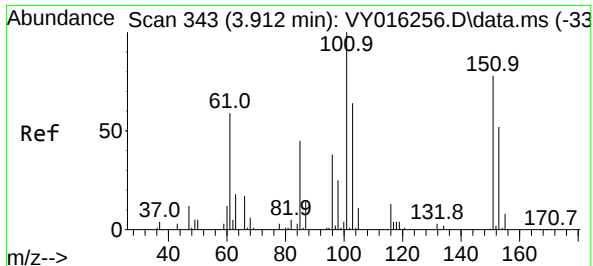


#8
Diethyl Ether
Concen: 21.747 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31



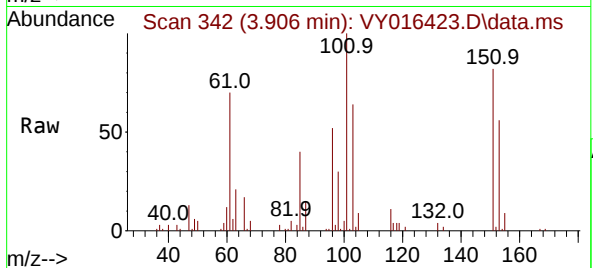
Tgt Ion: 74 Resp: 16353
Ion Ratio Lower Upper
74 100
45 83.9 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.259 ug/l
RT: 3.906 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

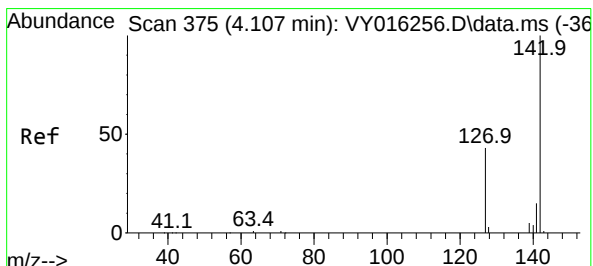
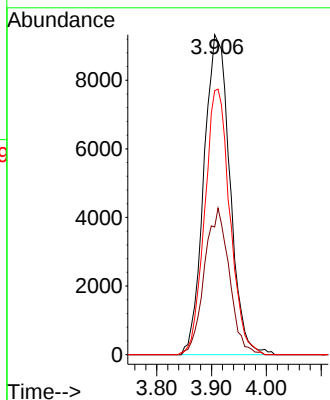
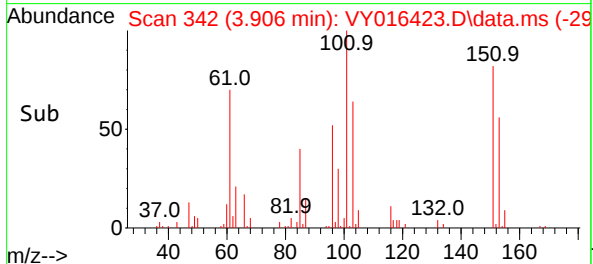
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



Tgt Ion:101 Resp: 30700
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 80.4 67.0 100.6

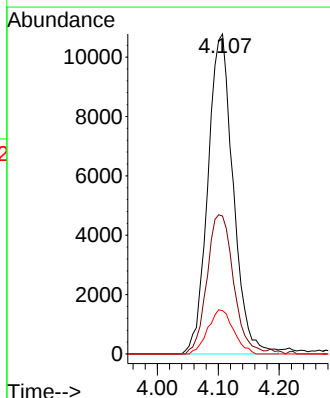
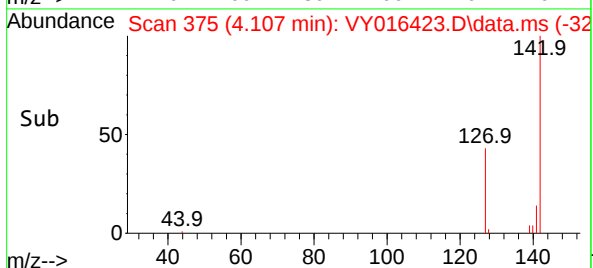
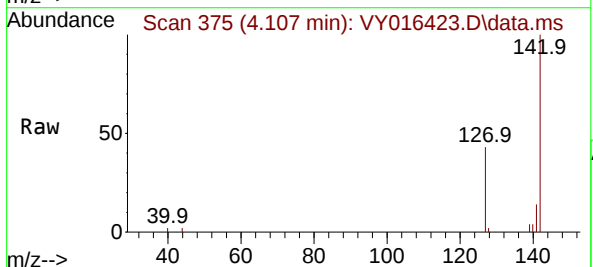
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#10
Methyl Iodide
Concen: 19.010 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion:142 Resp: 31113
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.0 11.8 17.8





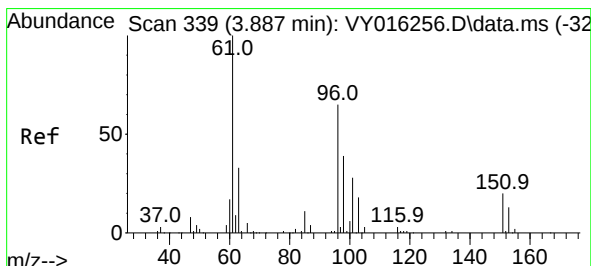
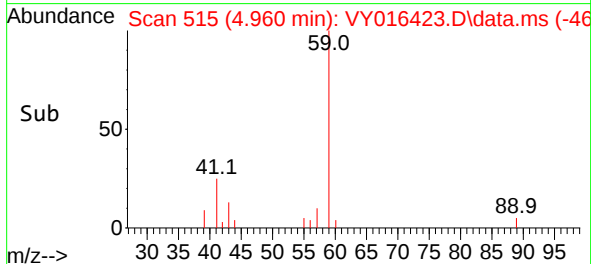
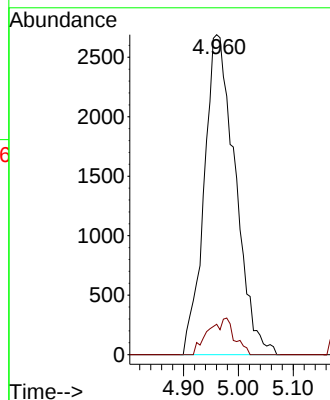
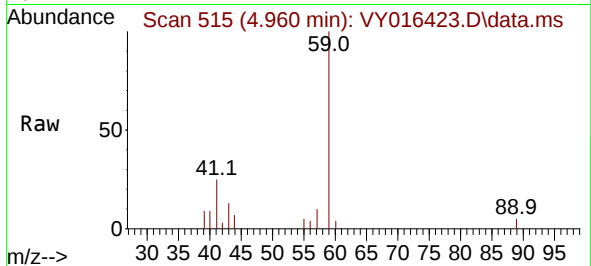
#11
Tert butyl alcohol
Concen: 105.319 ug/l
RT: 4.960 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion: 59 Resp: 1057
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.4

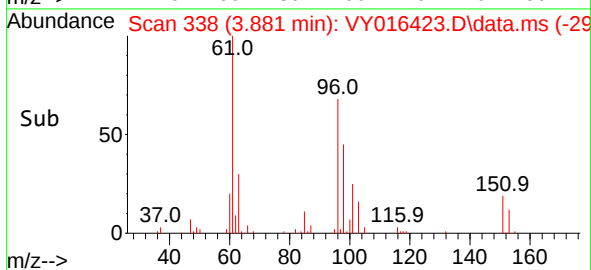
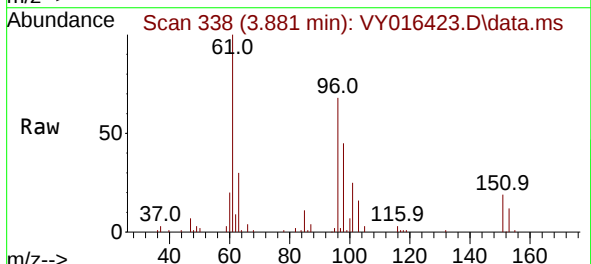
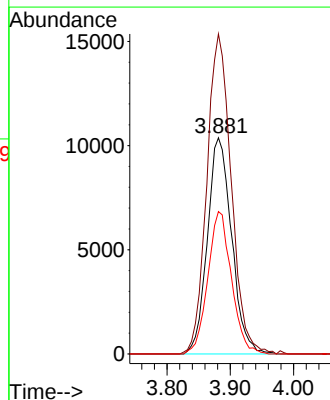
Manual Integrations
APPROVED

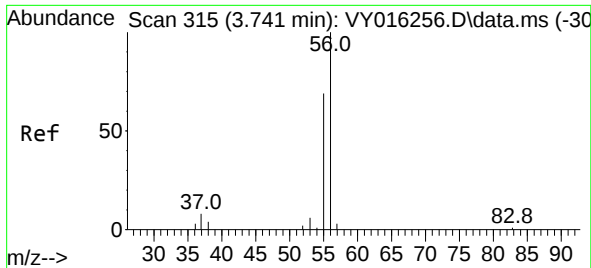
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#12
1,1-Dichloroethene
Concen: 19.517 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

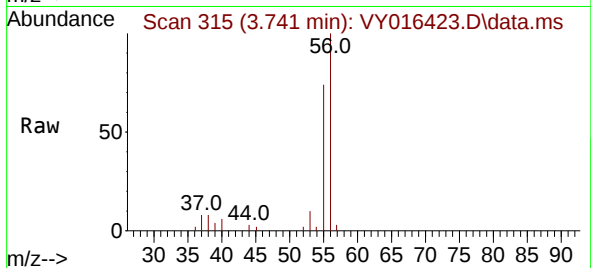
Tgt Ion: 96 Resp: 27659
Ion Ratio Lower Upper
96 100
61 148.0 136.4 204.6
98 65.9 49.4 74.2





#13
Acrolein
Concen: 87.350 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

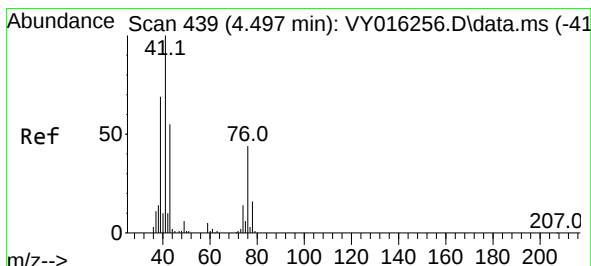
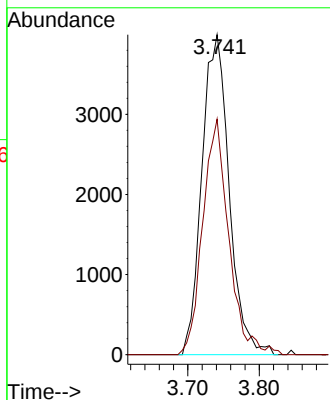
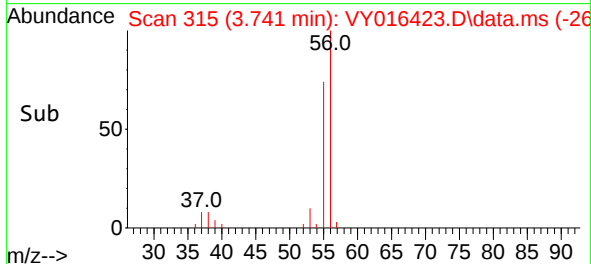
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



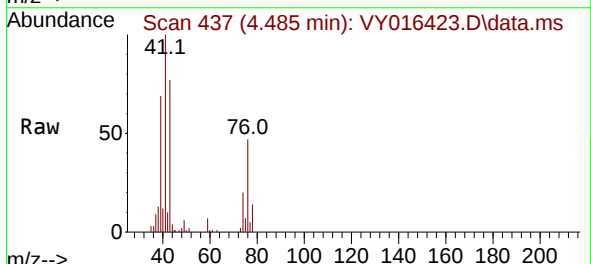
Tgt Ion: 56 Resp: 10579
Ion Ratio Lower Upper
56 100
55 69.8 57.0 85.4

Manual Integrations
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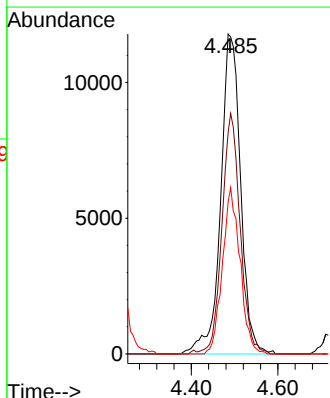
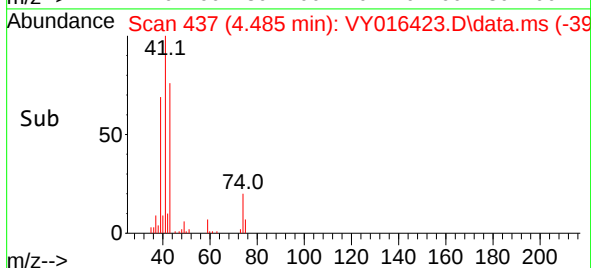
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#14
Allyl chloride
Concen: 18.802 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31



Tgt Ion: 41 Resp: 37812
Ion Ratio Lower Upper
41 100
39 68.6 58.0 87.0
76 45.9 27.4 41.2#





#15

Acrylonitrile

Concen: 113.735 ug/l

RT: 5.174 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

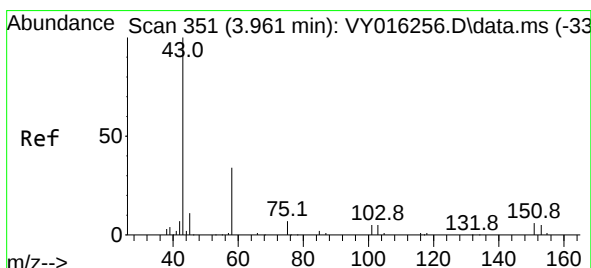
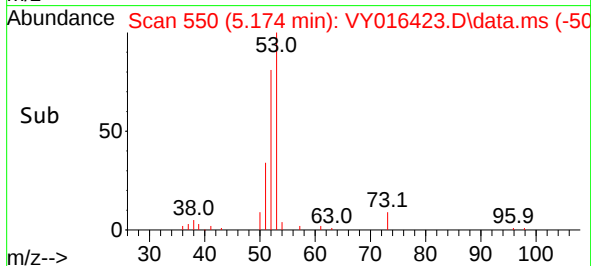
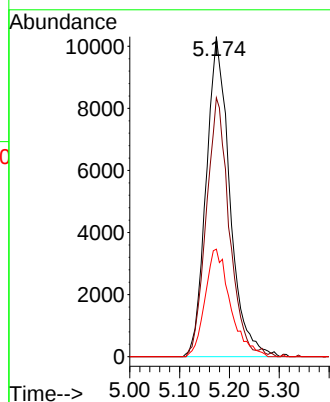
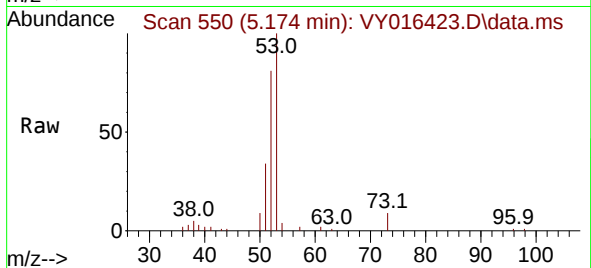
VY1120SBS01

Tgt Ion: 53 Resp: 33940
 Ion Ratio Lower Upper
 53 100
 52 79.0 66.9 100.3
 51 36.0 29.8 44.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/21/2023
 Supervised By :Semsettin Yesilyurt 11/21/2023



#16

Acetone

Concen: 157.676 ug/l

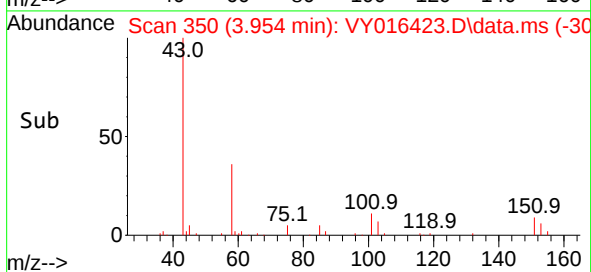
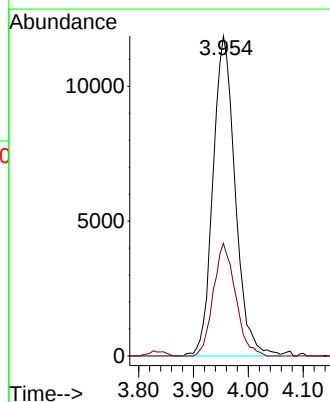
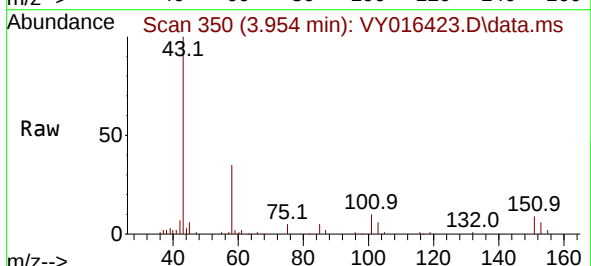
RT: 3.954 min Scan# 350

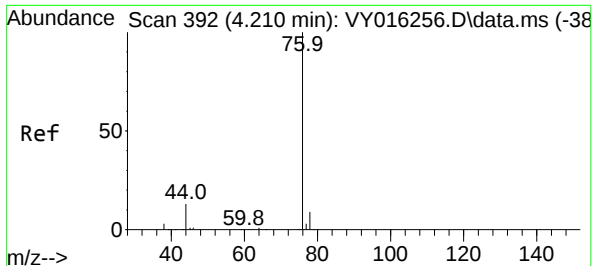
Delta R.T. -0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion: 43 Resp: 33430
 Ion Ratio Lower Upper
 43 100
 58 35.2 22.7 34.1#





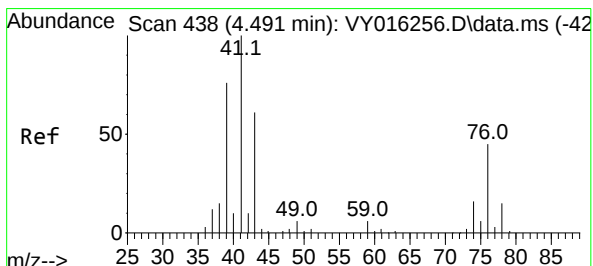
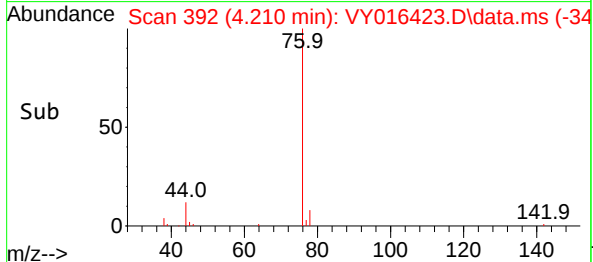
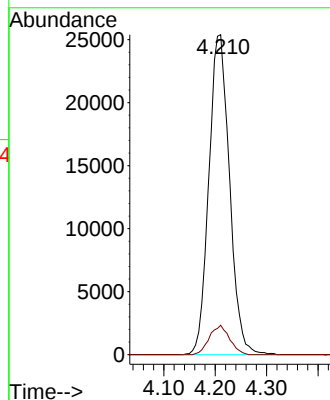
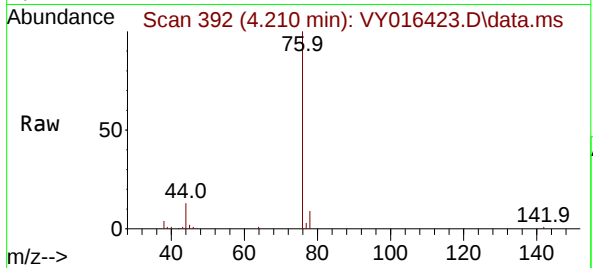
#17
Carbon Disulfide
Concen: 16.592 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion: 76 Resp: 70948
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

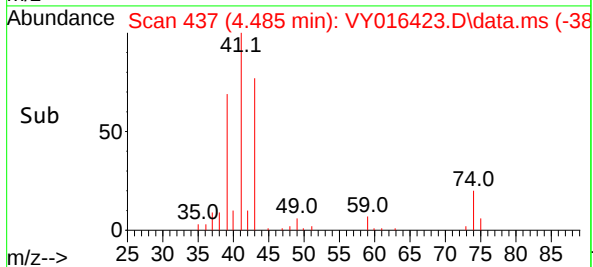
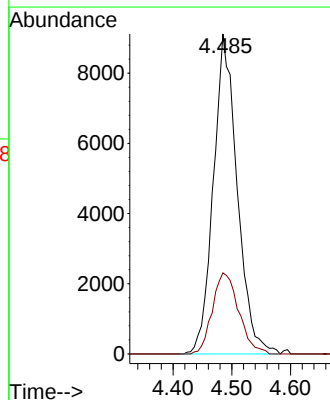
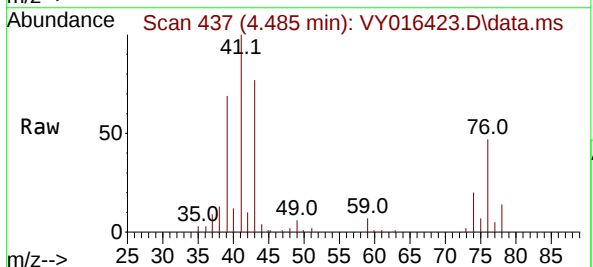
Manual Integrations
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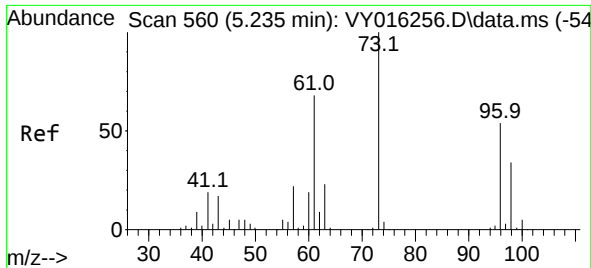
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#18
Methyl Acetate
Concen: 22.822 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

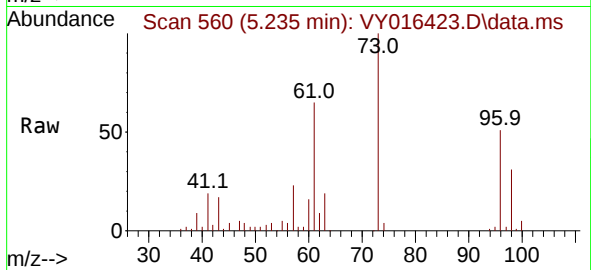
Tgt Ion: 43 Resp: 25711
Ion Ratio Lower Upper
43 100
74 27.9 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 21.770 ug/l
RT: 5.235 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

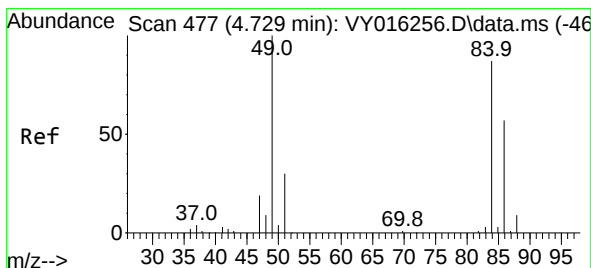
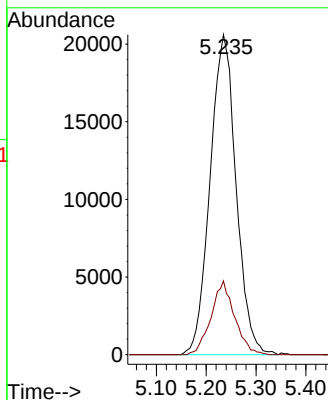
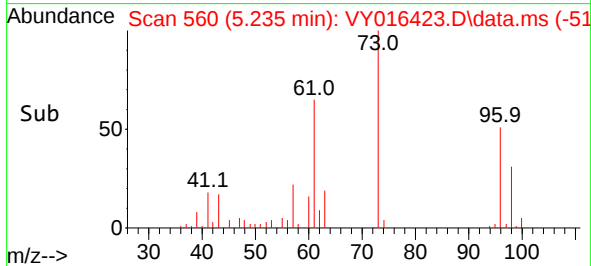
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



Tgt Ion: 73 Resp: 7467
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9

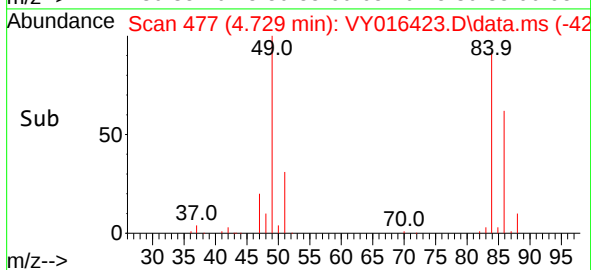
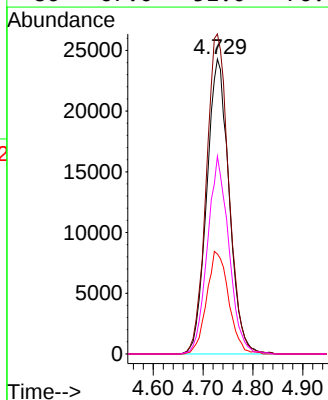
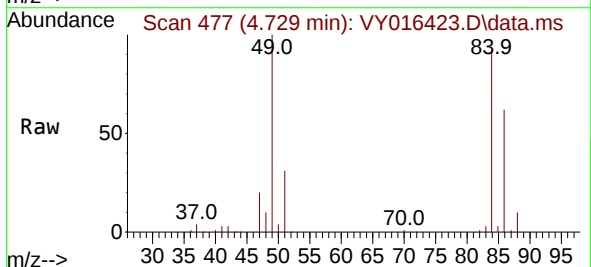
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#20
Methylene Chloride
Concen: 50.577 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

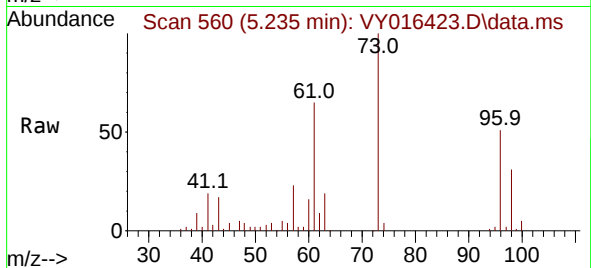
Tgt Ion: 84 Resp: 75693
Ion Ratio Lower Upper
84 100
49 108.5 106.9 160.3
51 33.9 33.2 49.8
86 67.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.630 ug/l
RT: 5.235 min Scan# 501
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

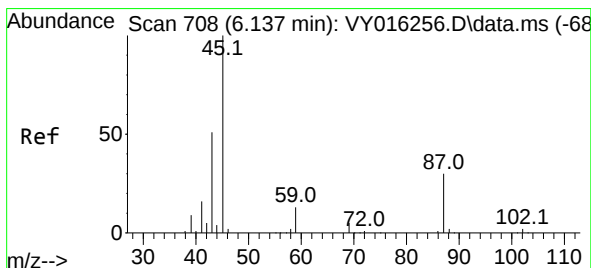
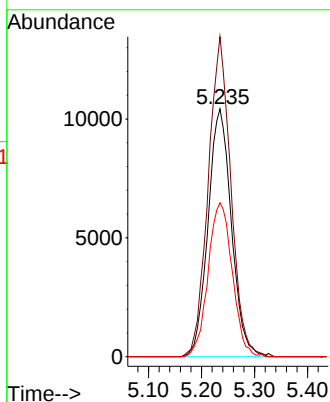
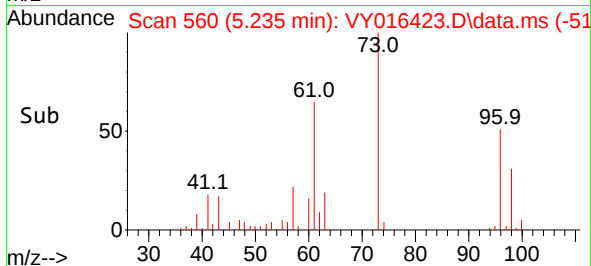
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



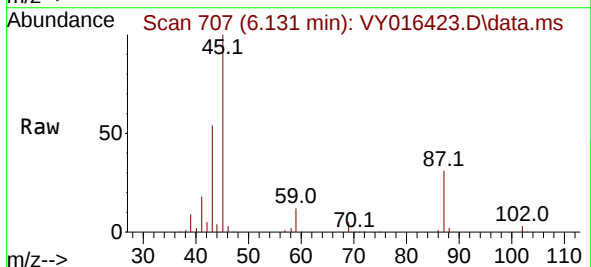
Tgt Ion: 96 Resp: 32030
Ion Ratio Lower Upper
96 100
61 129.1 110.2 165.4
98 62.1 51.8 77.6

Manual Integrations
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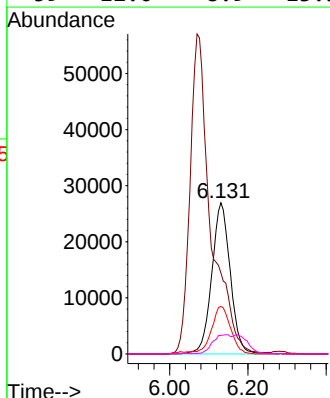
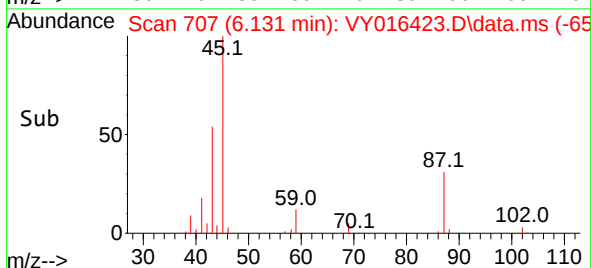
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023

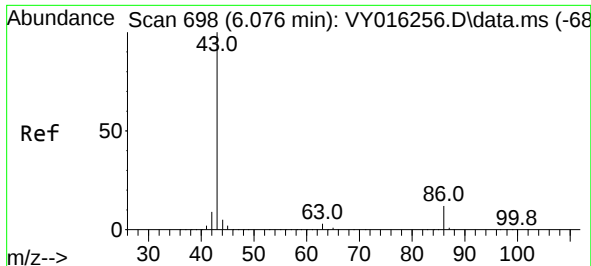


#22
Diisopropyl ether
Concen: 20.323 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31



Tgt Ion: 45 Resp: 88081
Ion Ratio Lower Upper
45 100
43 51.7 52.2 78.4#
87 31.5 21.0 31.6
59 12.0 8.9 13.3





#23

Vinyl Acetate

Concen: 100.030 ug/l

RT: 6.070 min Scan# 698

Delta R.T. -0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tgt Ion: 43 Resp: 21007

Ion Ratio Lower Upper

43 100

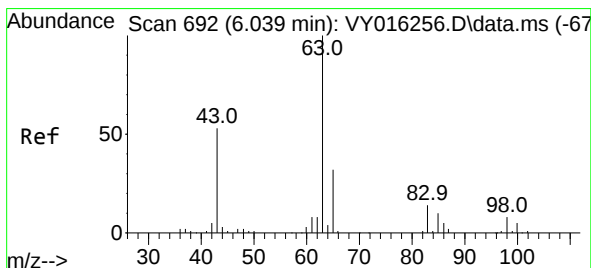
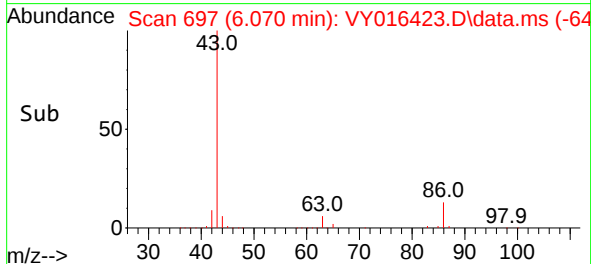
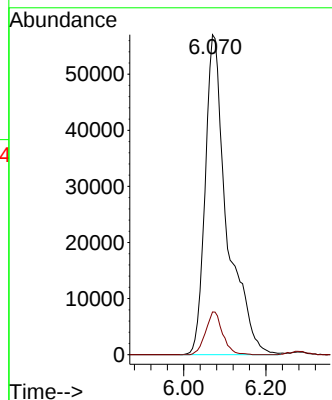
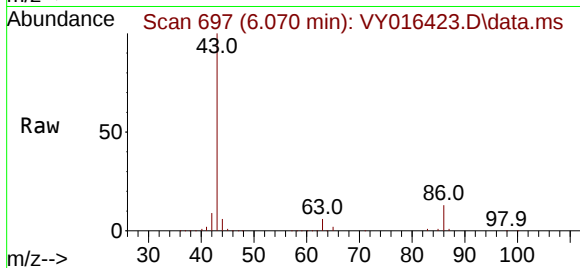
86 13.3 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023

Supervised By :Semsettin Yesilyurt 11/21/2023



#24

1,1-Dichloroethane

Concen: 20.753 ug/l

RT: 6.027 min Scan# 690

Delta R.T. -0.012 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

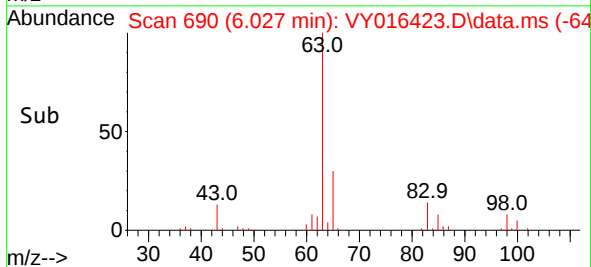
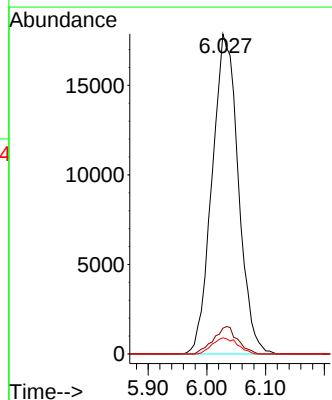
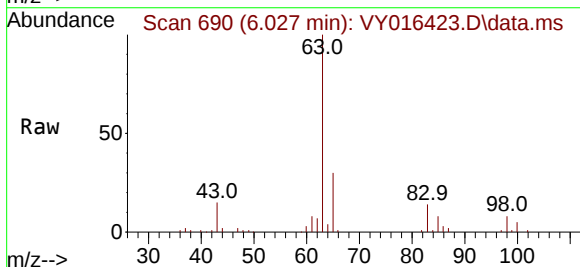
Tgt Ion: 63 Resp: 55490

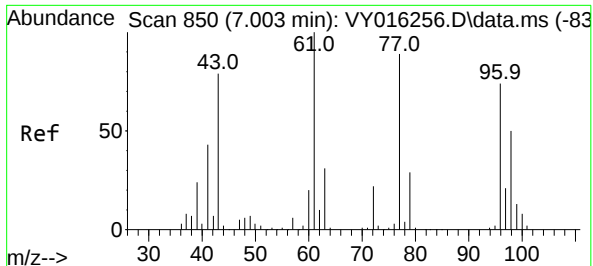
Ion Ratio Lower Upper

63 100

98 8.1 3.1 9.4

100 5.1 1.8 5.5





#25

2-Butanone

Concen: 130.139 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tgt Ion: 43 Resp: 48328

Ion Ratio Lower Upper

43 100

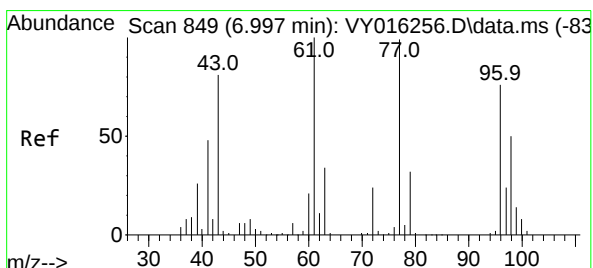
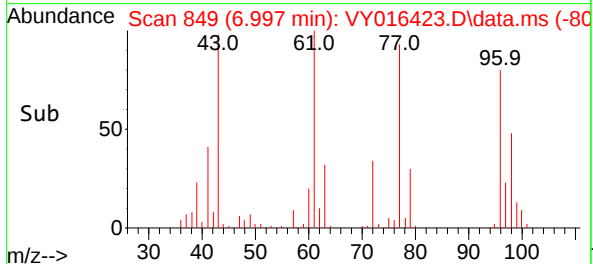
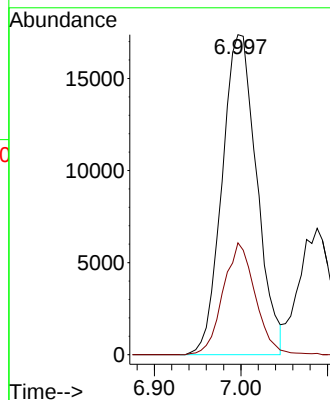
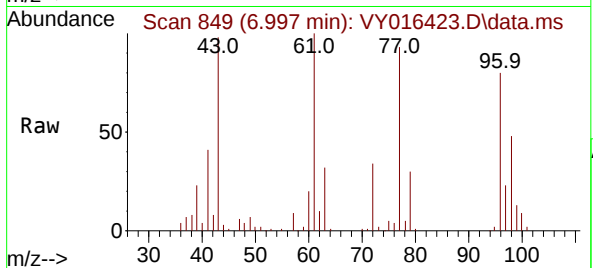
72 35.0 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023

Supervised By :Semsettin Yesilyurt 11/21/2023



#26

2,2-Dichloropropane

Concen: 20.551 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016423.D

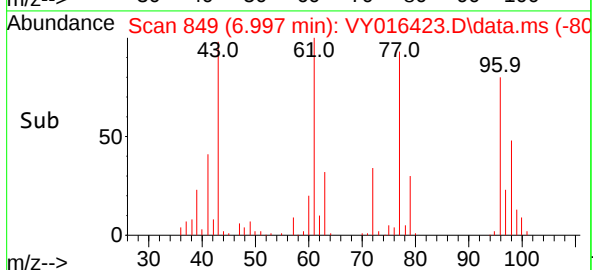
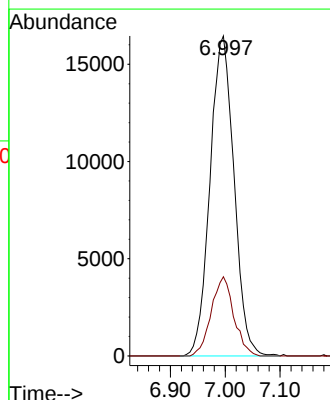
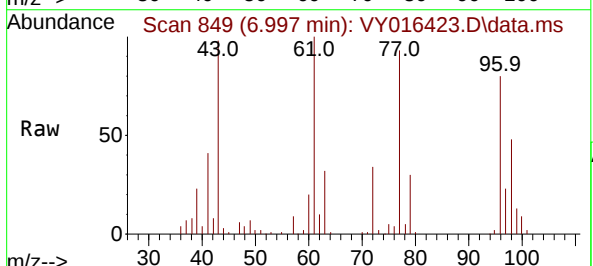
Acq: 20 Nov 2023 14:31

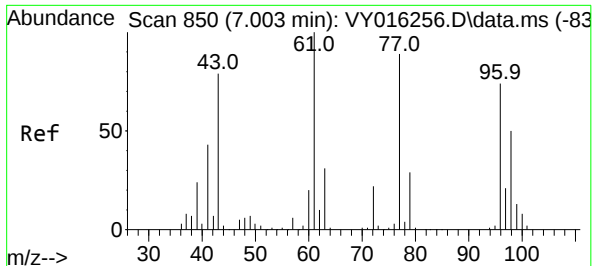
Tgt Ion: 77 Resp: 50011

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.546 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tgt Ion: 96 Resp: 3788

Ion Ratio Lower Upper

96 100

61 130.0 0.0 301.4

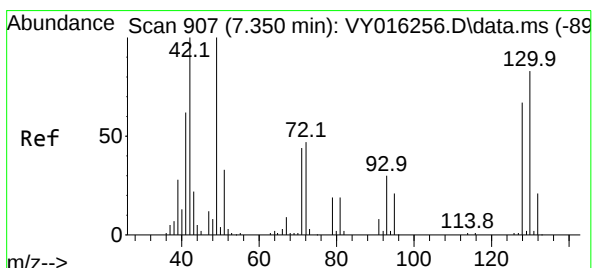
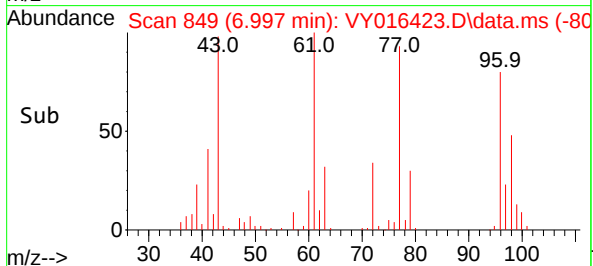
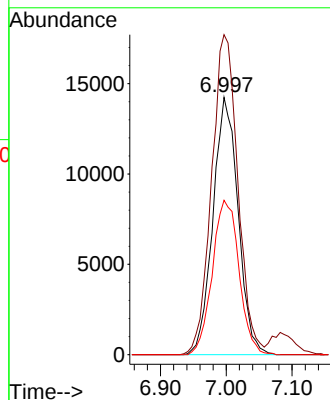
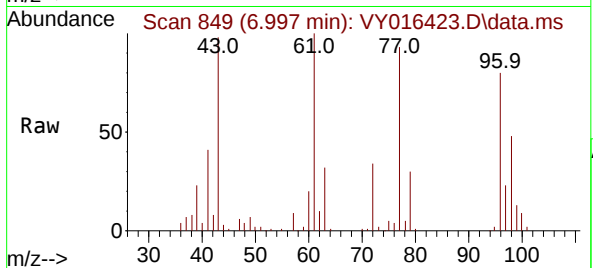
98 63.7 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023

Supervised By :Semsettin Yesilyurt 11/21/2023



#28

Bromochloromethane

Concen: 21.135 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

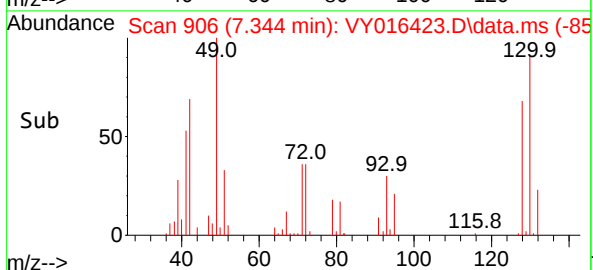
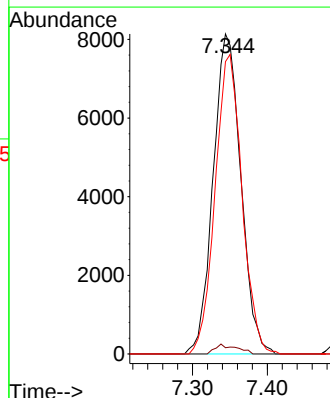
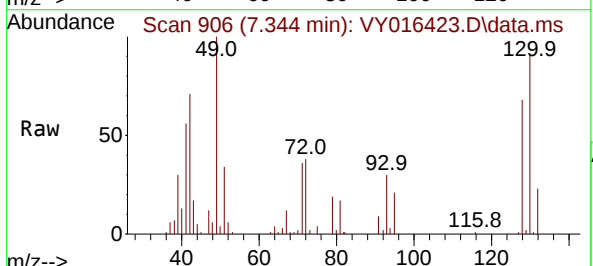
Tgt Ion: 49 Resp: 20915

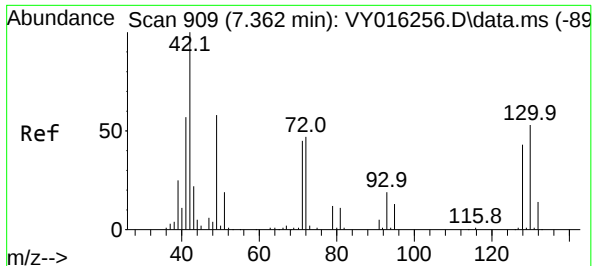
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 90.9 60.7 91.1





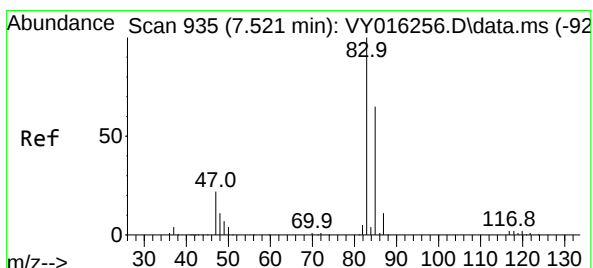
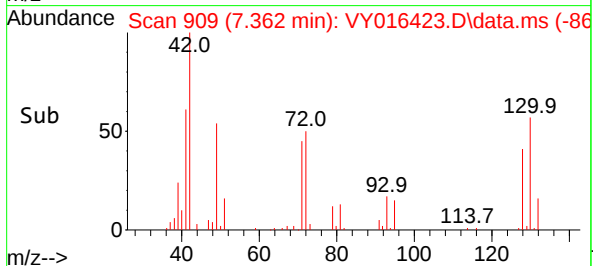
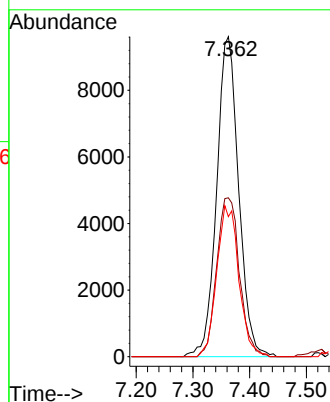
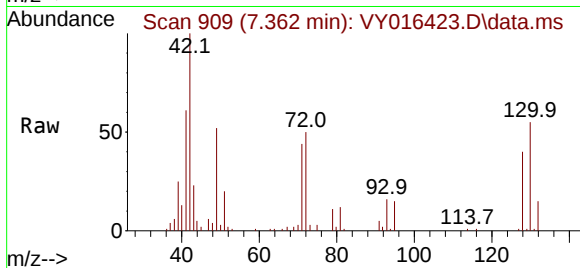
#29
Tetrahydrofuran
Concen: 105.457 ug/l
RT: 7.362 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion: 42 Resp: 2588
Ion Ratio Lower Upper
42 100
72 51.4 32.8 49.2
71 47.2 31.0 46.4

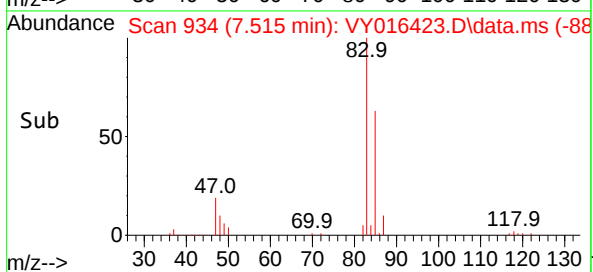
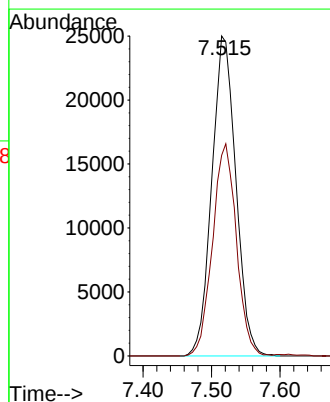
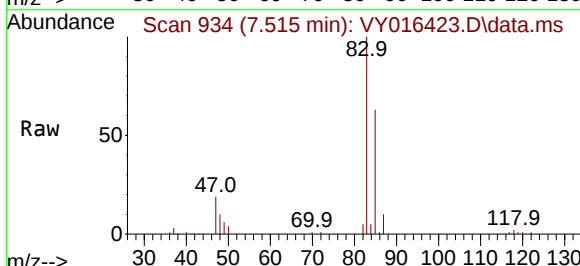
Manual Integrations
APPROVED

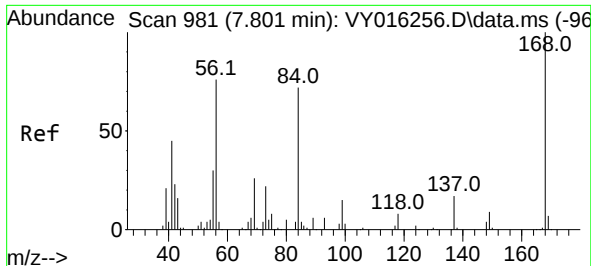
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#30
Chloroform
Concen: 21.878 ug/l
RT: 7.515 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

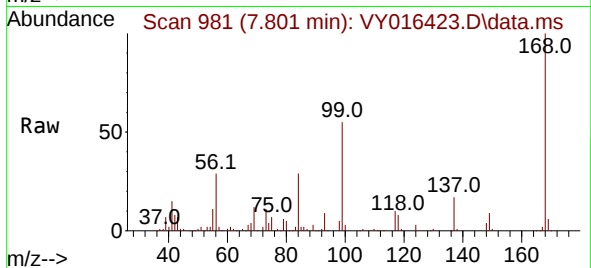
Tgt Ion: 83 Resp: 60890
Ion Ratio Lower Upper
83 100
85 62.7 49.7 74.5





#31
Cyclohexane
Concen: 17.473 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

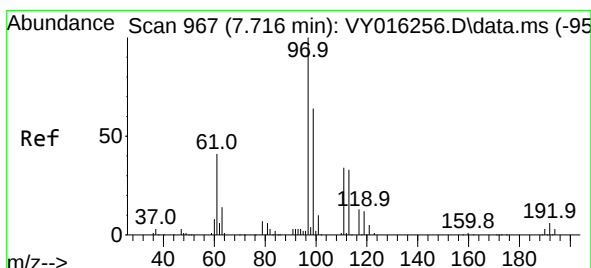
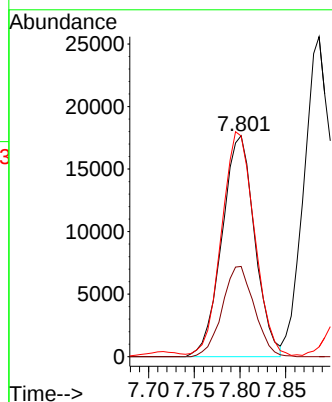
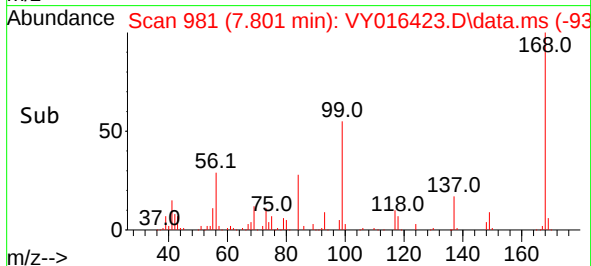
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



Tgt Ion: 56 Resp: 4409
Ion Ratio Lower Upper
56 100
69 40.8 27.8 41.6
84 98.5 66.4 99.6

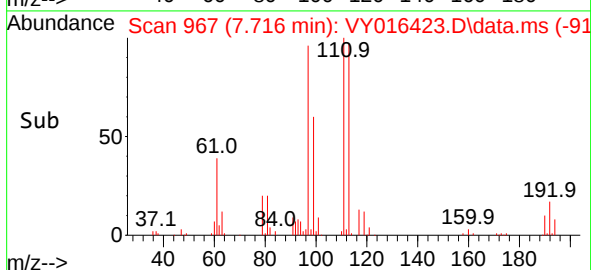
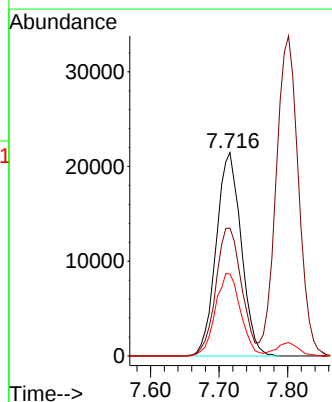
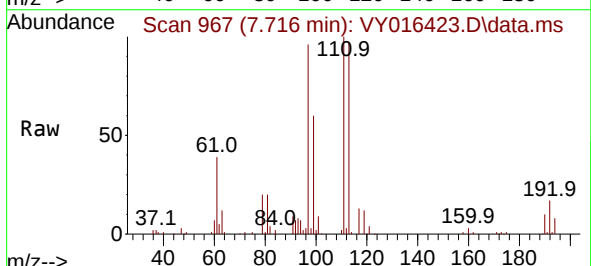
Manual Integrations
APPROVED

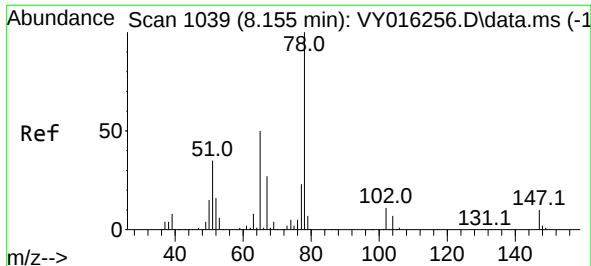
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#32
1,1,1-Trichloroethane
Concen: 21.295 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 97 Resp: 54329
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 40.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.612 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tgt Ion: 65 Resp: 71280

Ion Ratio Lower Upper

65 100

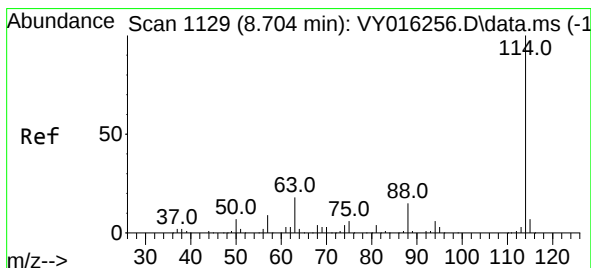
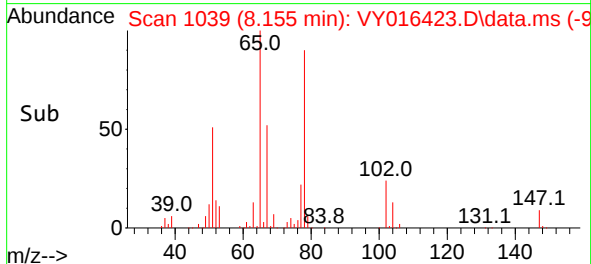
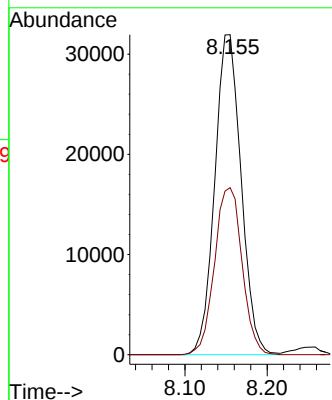
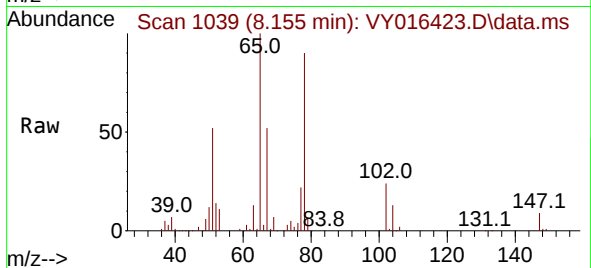
67 54.4 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023

Supervised By :Semsettin Yesilyurt 11/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

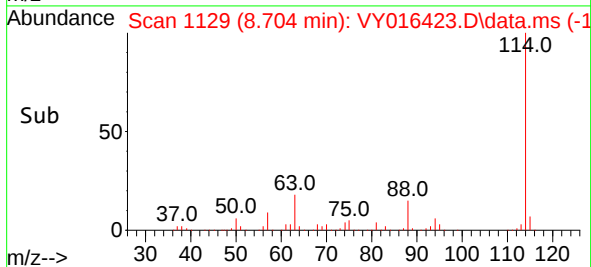
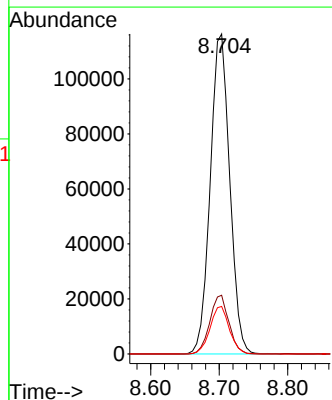
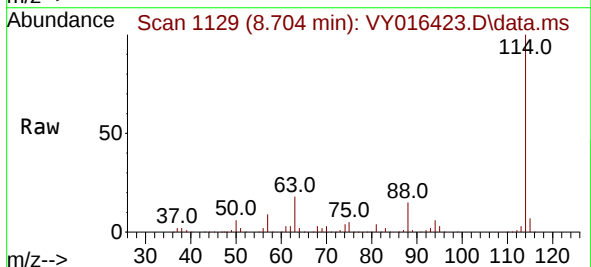
Tgt Ion:114 Resp: 229407

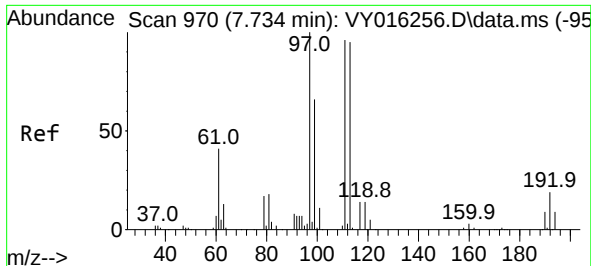
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

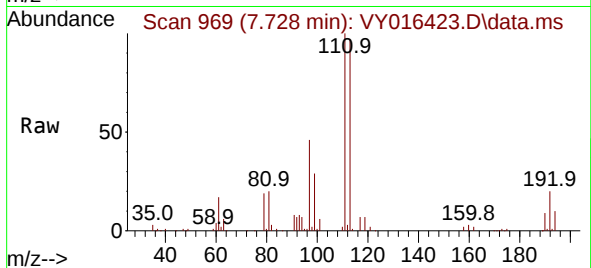
88 14.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 57.985 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

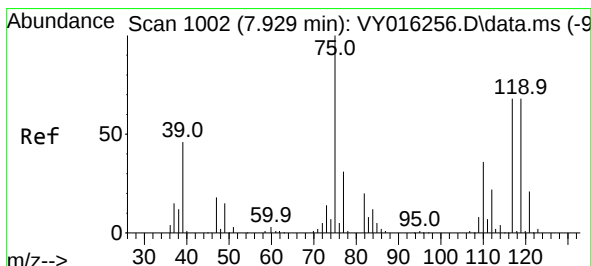
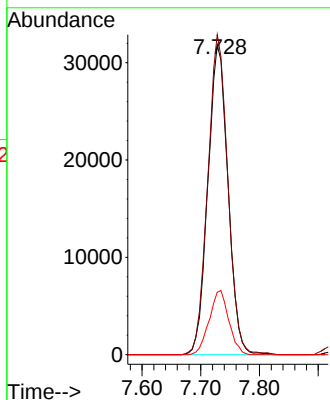
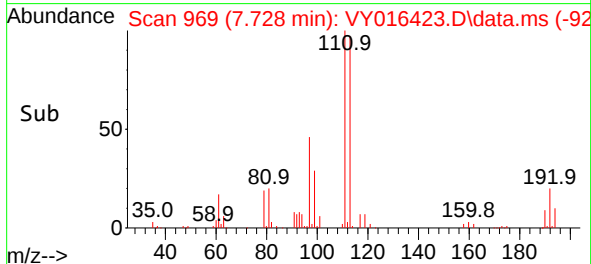
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



Tgt Ion: 113 Resp: 7556
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 20.2 16.9 25.3

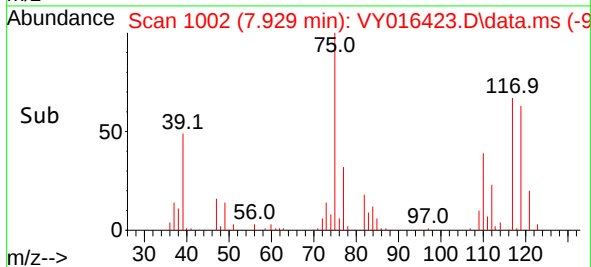
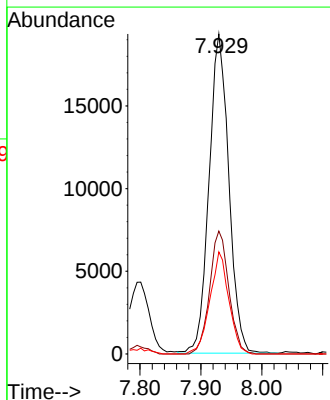
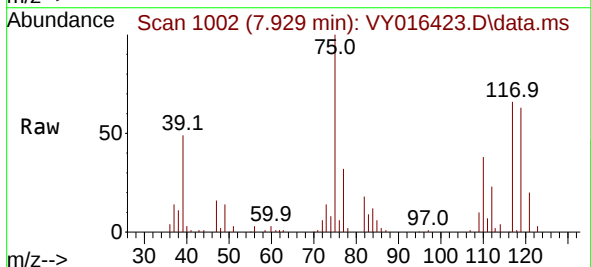
Manual Integrations
APPROVED

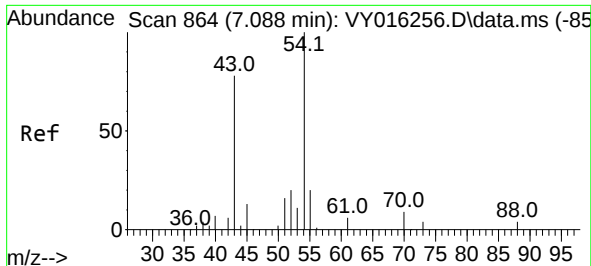
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#36
1,1-Dichloropropene
Concen: 19.241 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 75 Resp: 43540
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 21.003 ug/l

RT: 7.088 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

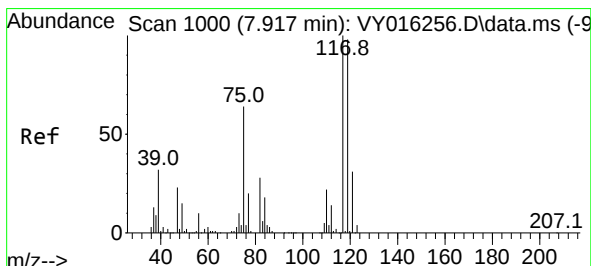
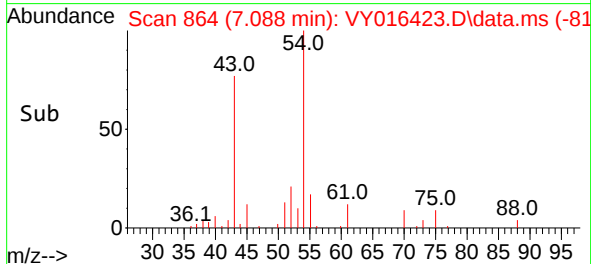
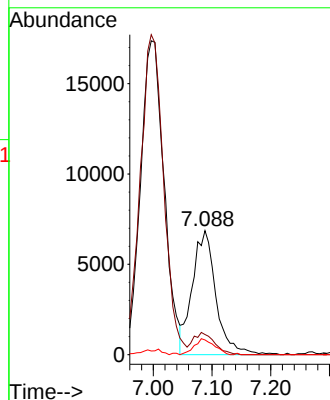
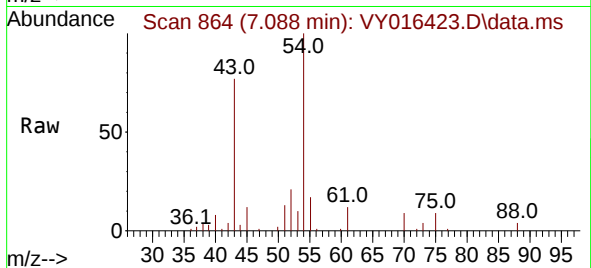
Tgt Ion: 43 Resp: 1920

Ion	Ratio	Lower	Upper
43	100		
61	16.0	10.1	15.1
70	10.7	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#38

Carbon Tetrachloride

Concen: 21.365 ug/l

RT: 7.911 min Scan# 999

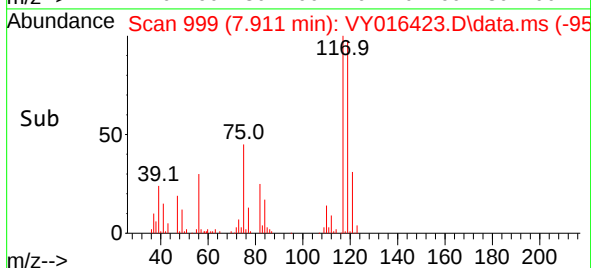
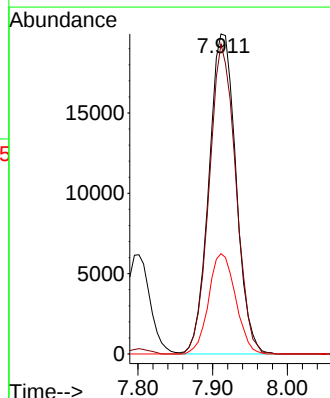
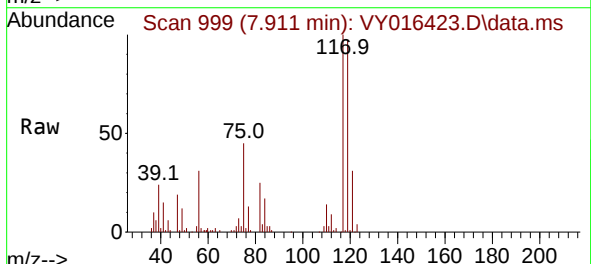
Delta R.T. -0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion:117 Resp: 50176

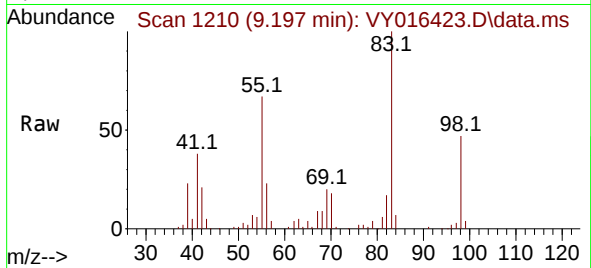
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.4	114.6
121	31.3	25.8	38.6





#39
Methylcyclohexane
Concen: 17.717 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

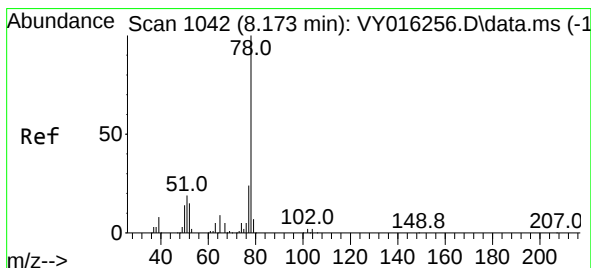
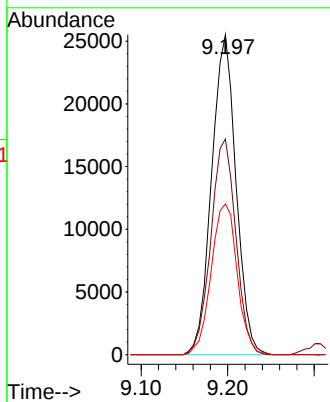
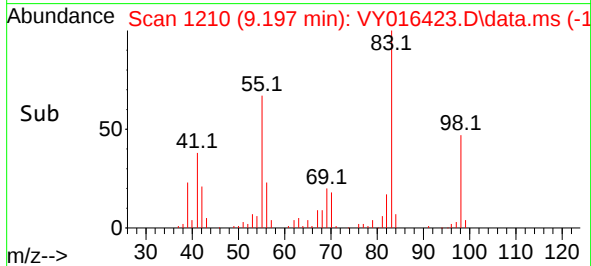
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



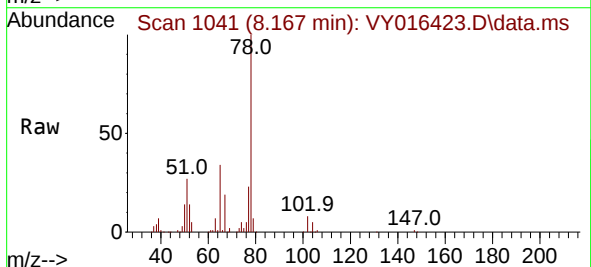
Tgt Ion: 83 Resp: 4995
Ion Ratio Lower Upper
83 100
55 67.4 63.0 94.4
98 47.1 37.4 56.2

Manual Integrations
APPROVED

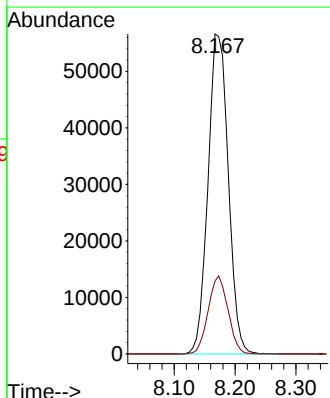
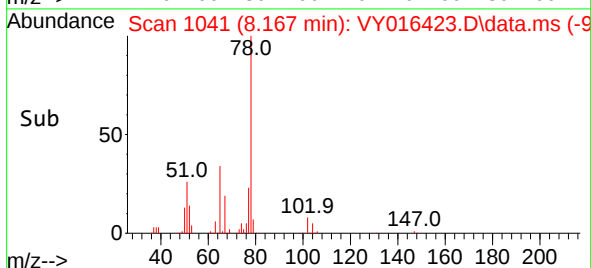
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023

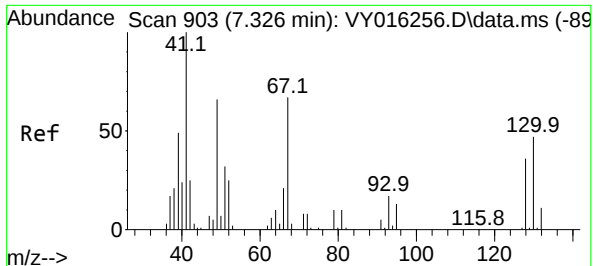


#40
Benzene
Concen: 20.634 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31



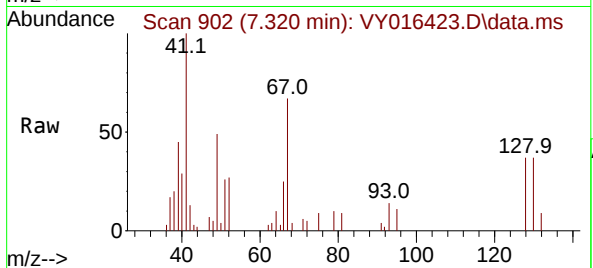
Tgt Ion: 78 Resp: 131185
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6





#41
Methacrylonitrile
Concen: 23.382 ug/l
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

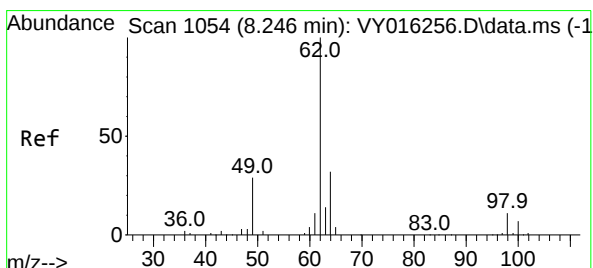
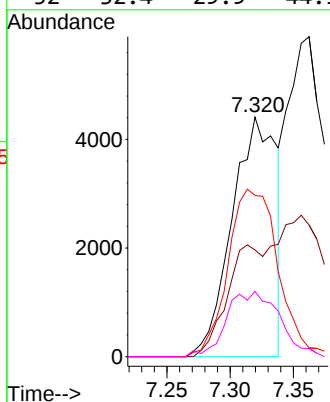
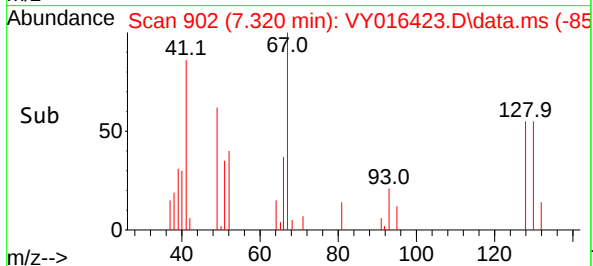
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



Tgt Ion: 41 Resp: 10779
Ion Ratio Lower Upper
41 100
39 37.9 52.1 78.1
67 78.9 66.2 99.2
52 32.4 29.9 44.9

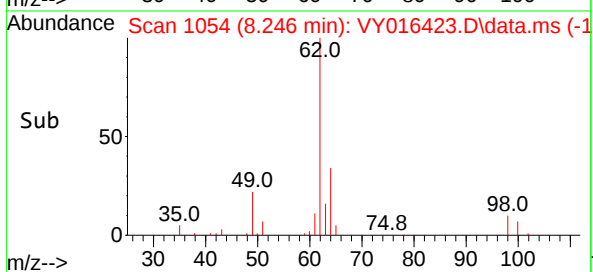
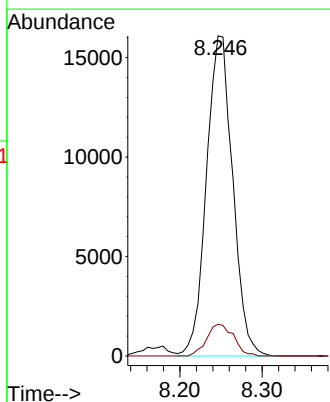
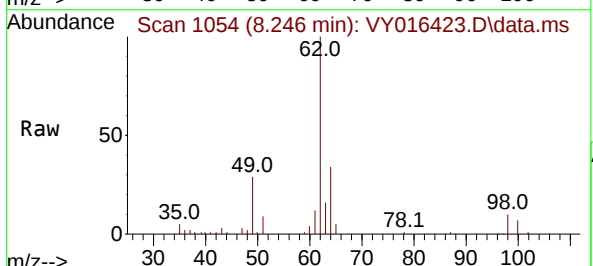
Manual Integrations
APPROVED

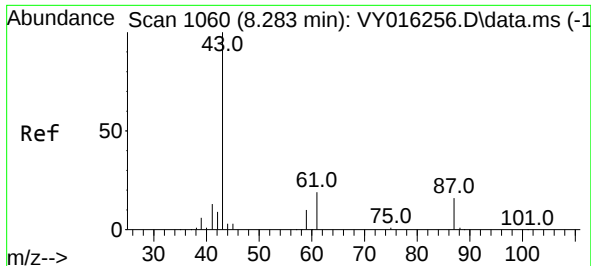
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#42
1,2-Dichloroethane
Concen: 21.678 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

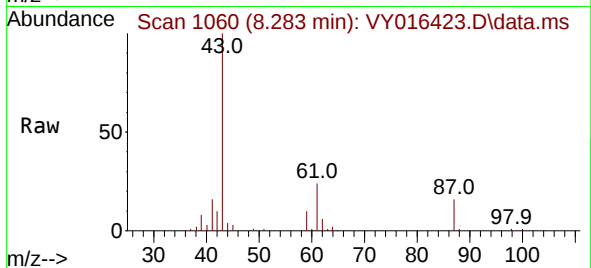
Tgt Ion: 62 Resp: 35710
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.399 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

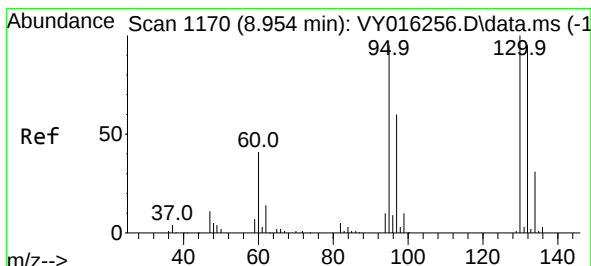
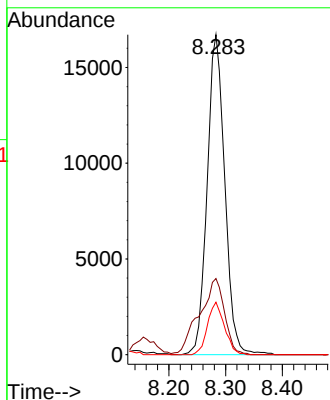
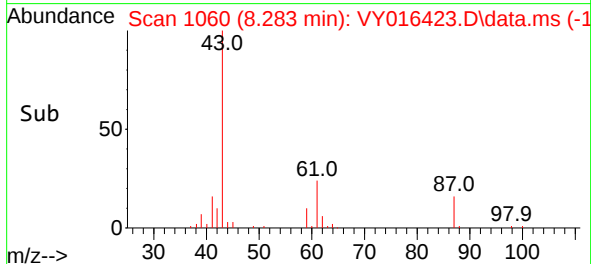
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



Tgt Ion: 43 Resp: 3605
Ion Ratio Lower Upper
43 100
61 33.9 21.1 31.7
87 15.8 9.8 14.8

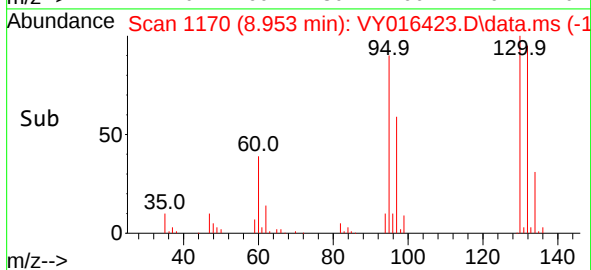
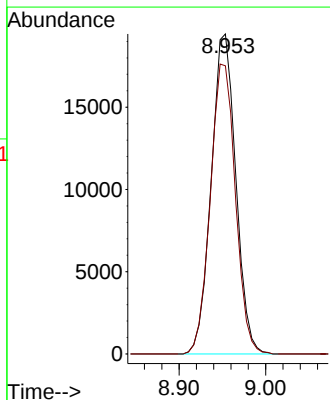
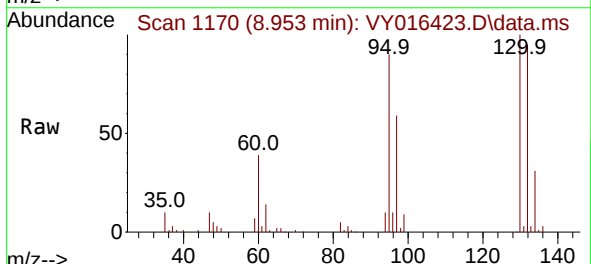
Manual Integrations
APPROVED

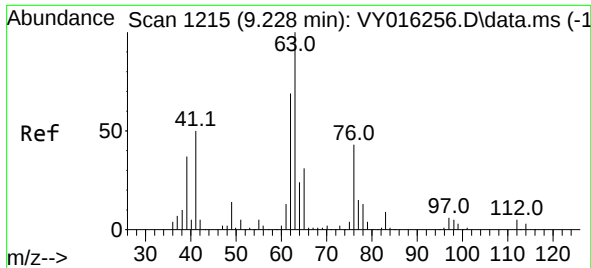
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#44
Trichloroethene
Concen: 21.006 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion:130 Resp: 38382
Ion Ratio Lower Upper
130 100
95 90.0 0.0 196.0





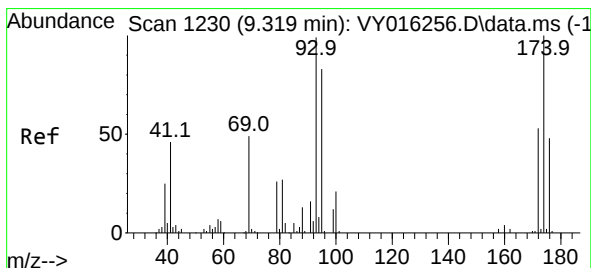
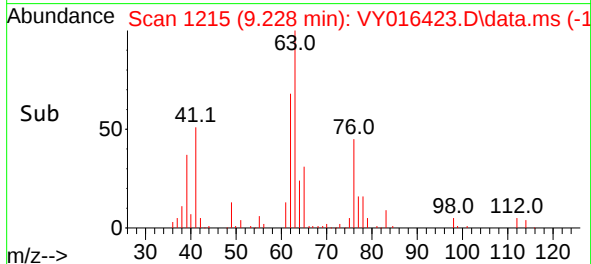
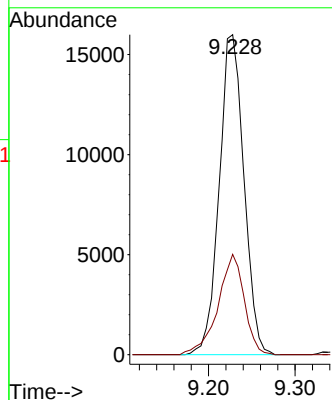
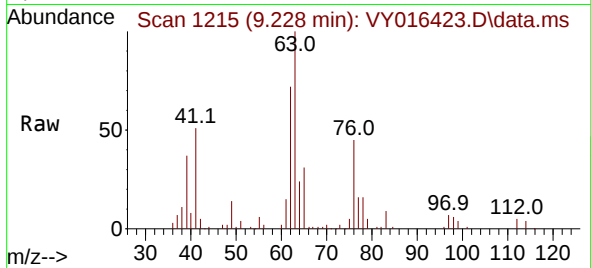
#45
1,2-Dichloropropane
Concen: 20.754 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion: 63 Resp: 3168
Ion Ratio Lower Upper
63 100
65 31.3 23.8 35.6

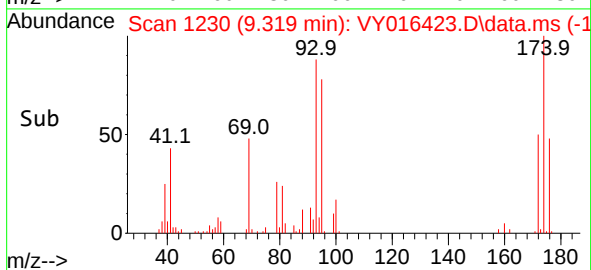
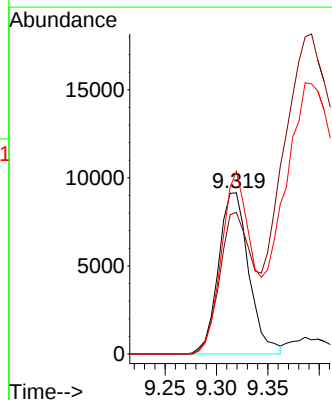
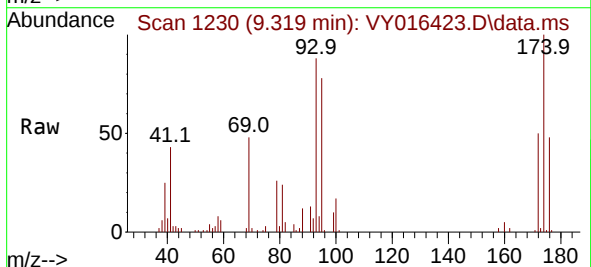
Manual Integrations
APPROVED

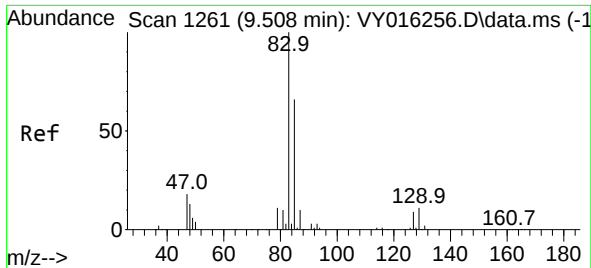
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#46
Dibromomethane
Concen: 22.717 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 93 Resp: 18796
Ion Ratio Lower Upper
93 100
95 98.4 66.6 100.0
174 112.6 84.8 127.2





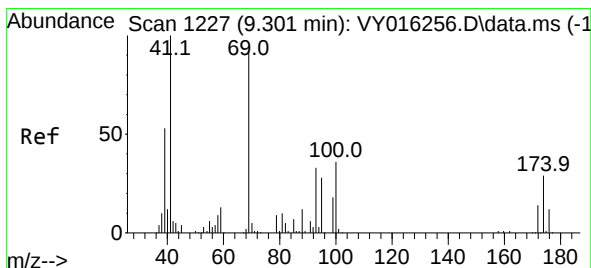
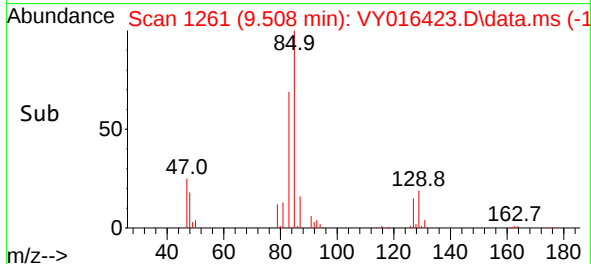
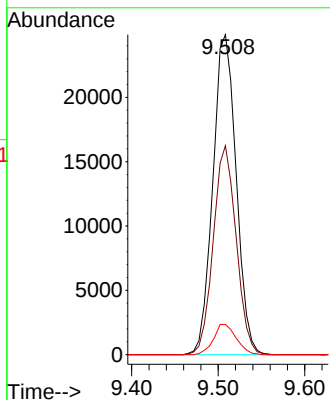
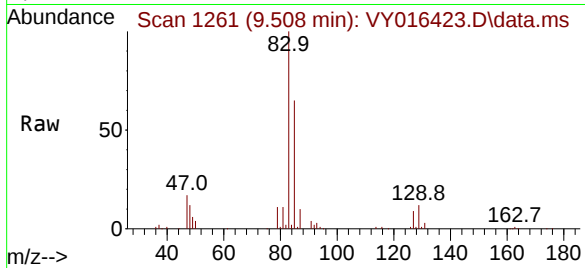
#47
Bromodichloromethane
Concen: 21.863 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion: 83 Resp: 46500
Ion Ratio Lower Upper
83 100
85 65.3 50.1 75.1
127 9.5 7.1 10.7

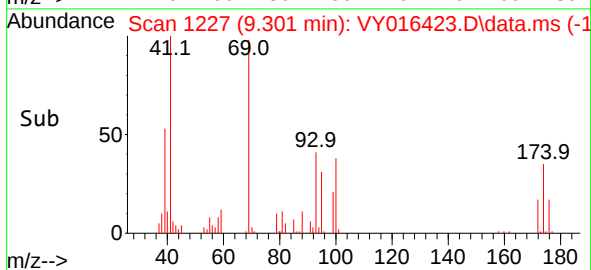
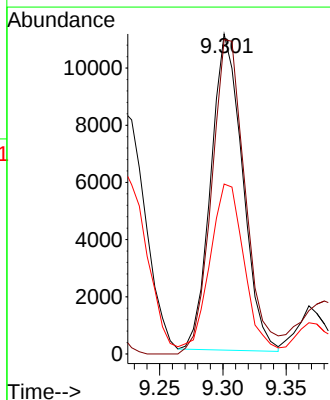
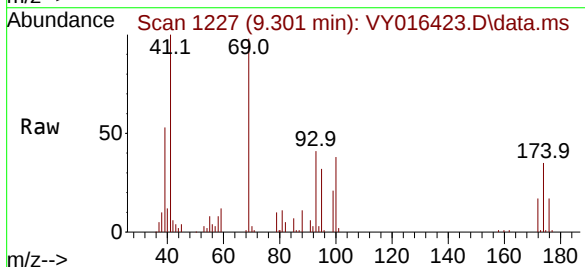
Manual Integrations
APPROVED

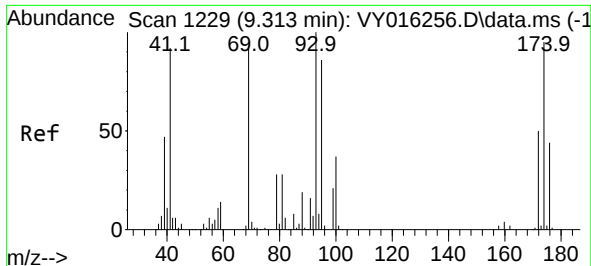
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#48
Methyl methacrylate
Concen: 19.748 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 41 Resp: 19289
Ion Ratio Lower Upper
41 100
69 104.7 64.5 96.7#
39 54.3 50.8 76.2





#49

1,4-Dioxane

Concen: 383.882 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tgt Ion: 88 Resp: 3372

Ion Ratio Lower Upper

88 100

43 32.9 0.0 0.0

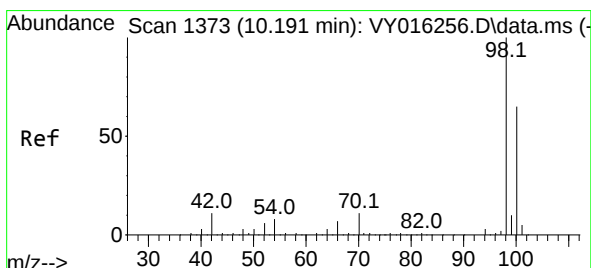
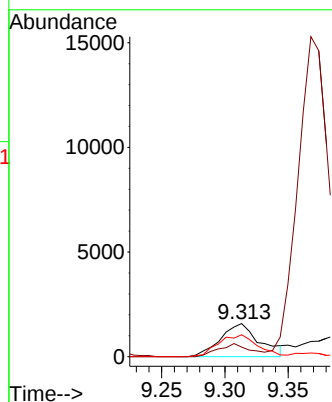
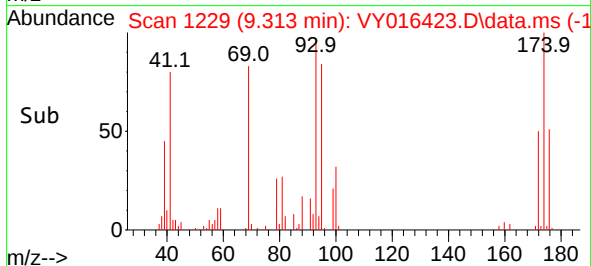
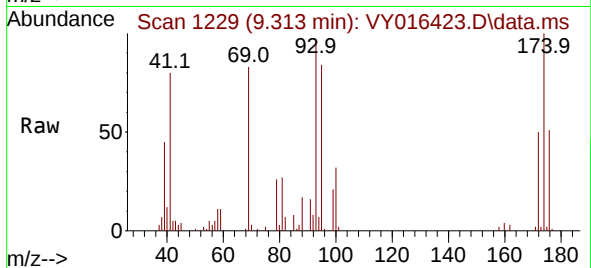
58 66.9 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023

Supervised By :Semsettin Yesilyurt 11/21/2023



#50

Toluene-d8

Concen: 54.230 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016423.D

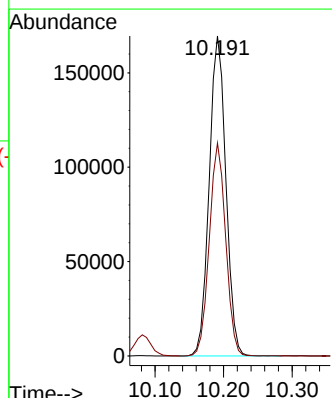
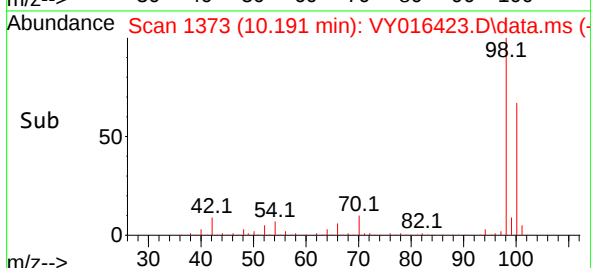
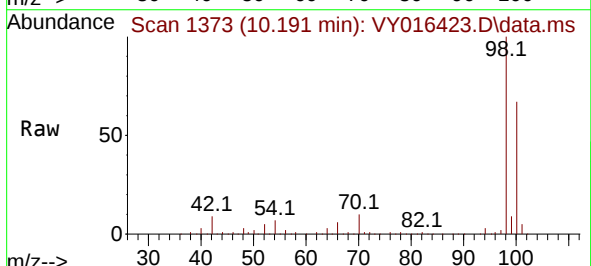
Acq: 20 Nov 2023 14:31

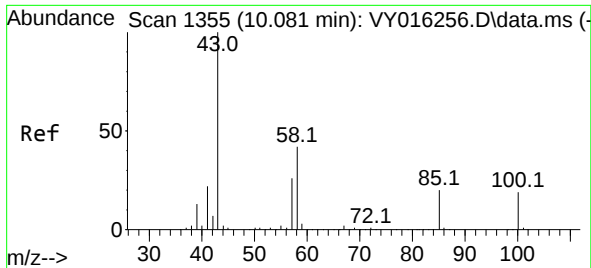
Tgt Ion: 98 Resp: 286588

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





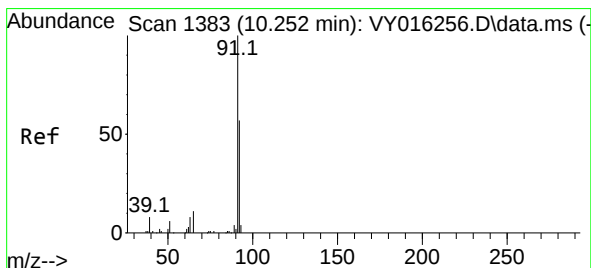
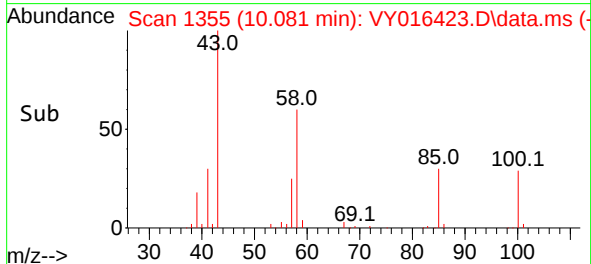
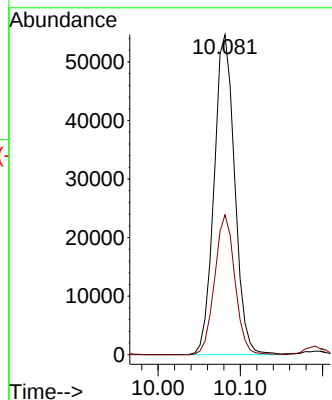
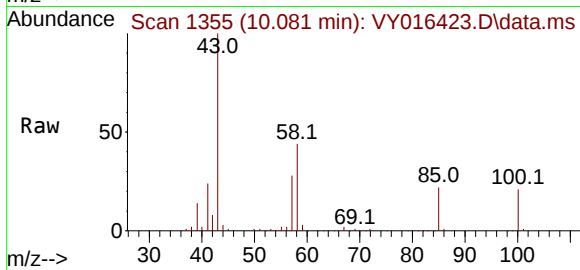
#51
4-Methyl-2-Pentanone
Concen: 106.561 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion: 43 Resp: 95238
Ion Ratio Lower Upper
43 100
58 42.9 29.0 43.6

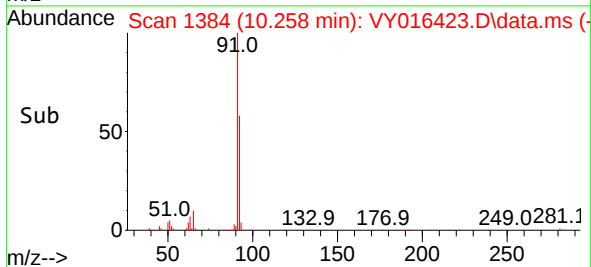
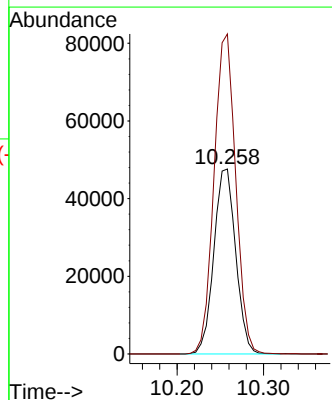
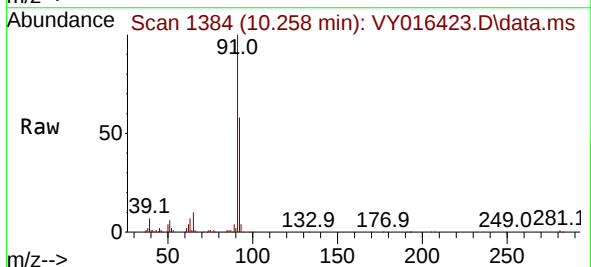
Manual Integrations
APPROVED

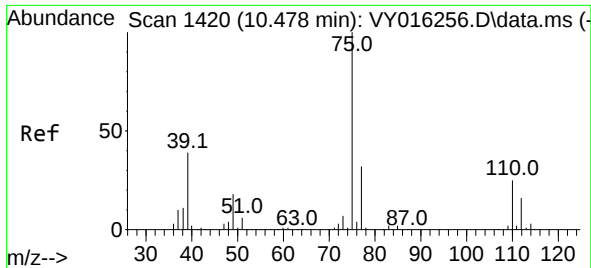
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#52
Toluene
Concen: 20.772 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

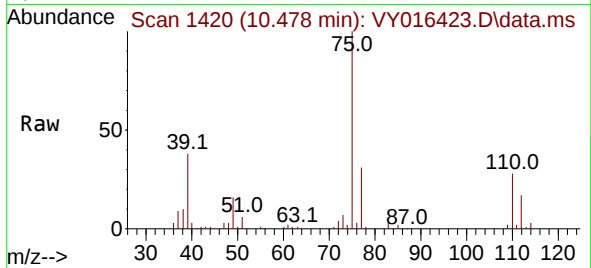
Tgt Ion: 92 Resp: 83478
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 21.570 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

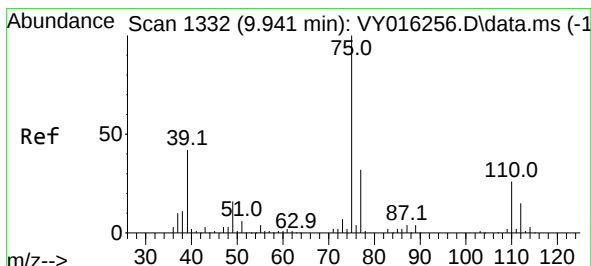
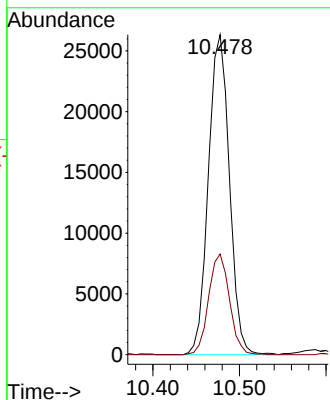
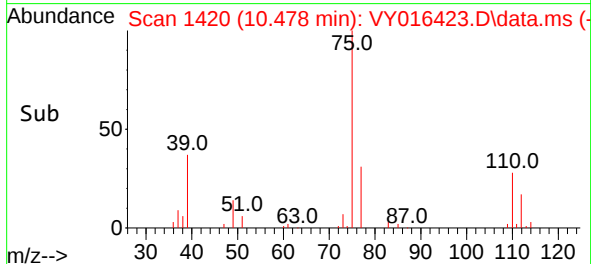
Instrument : MSVOA_Y
ClientSampleId : VY1120SBS01



Tgt Ion: 75 Resp: 44479
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4

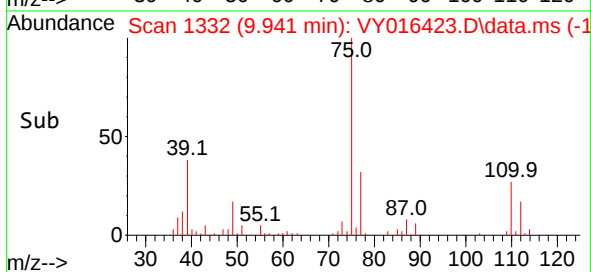
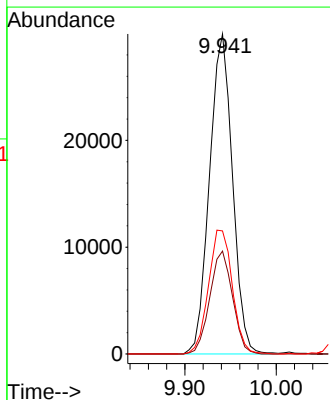
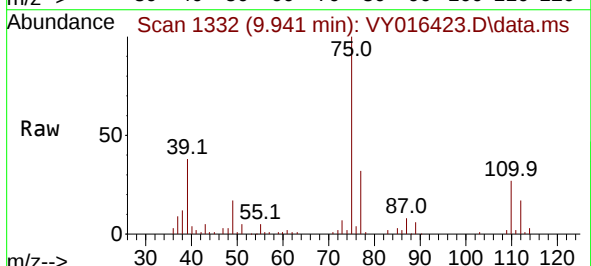
Manual Integrations
APPROVED

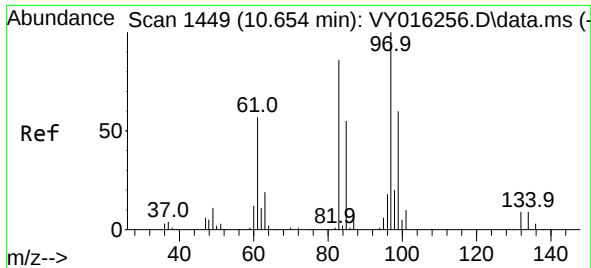
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#54
cis-1,3-Dichloropropene
Concen: 21.212 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

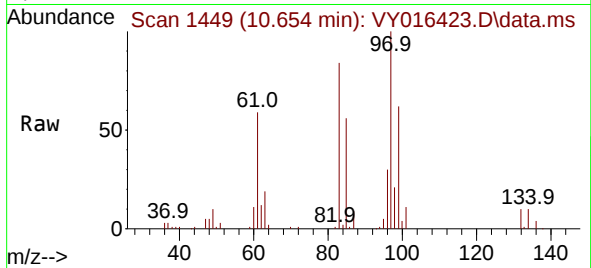
Tgt Ion: 75 Resp: 52243
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 38.5 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 22.964 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

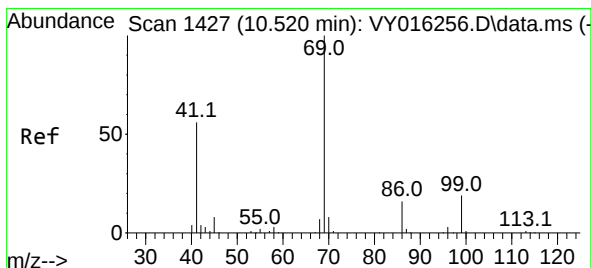
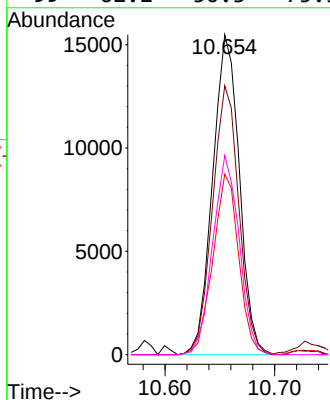
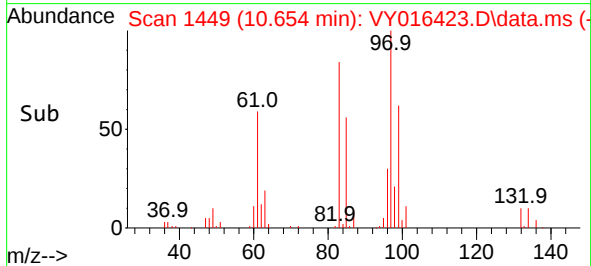
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



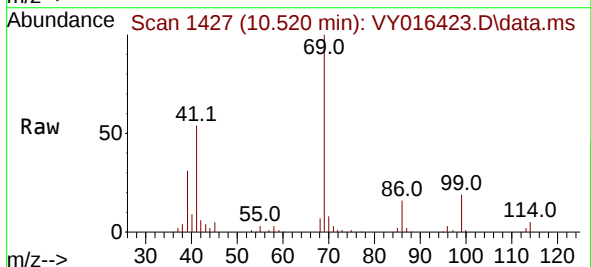
Tgt Ion: 97 Resp: 26188
Ion Ratio Lower Upper
97 100
83 84.0 72.0 108.0
85 56.4 45.4 68.0
99 62.2 50.3 75.5

Manual Integrations
APPROVED

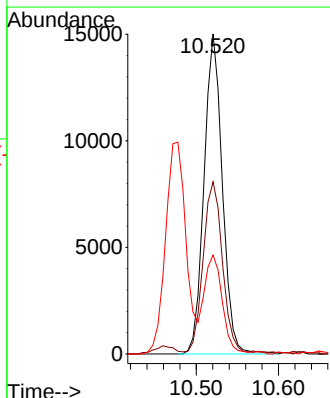
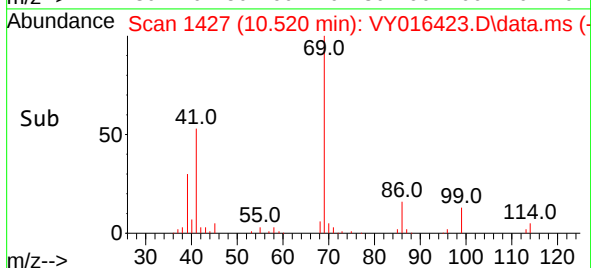
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023

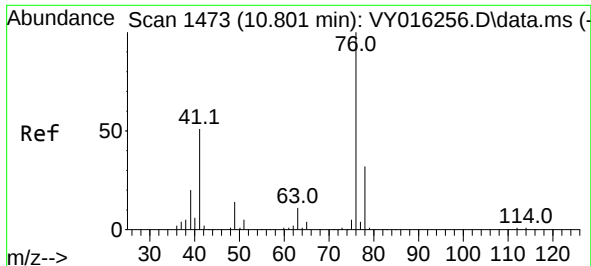


#56
Ethyl methacrylate
Concen: 21.575 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31



Tgt Ion: 69 Resp: 23225
Ion Ratio Lower Upper
69 100
41 55.6 57.6 86.4#
39 29.2 34.1 51.1#





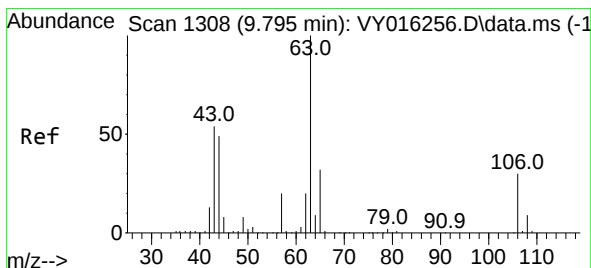
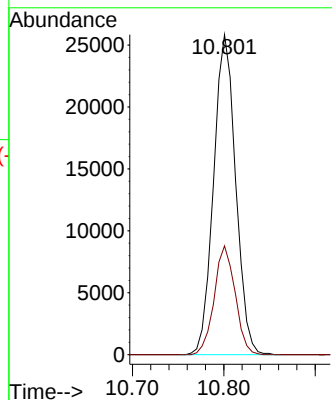
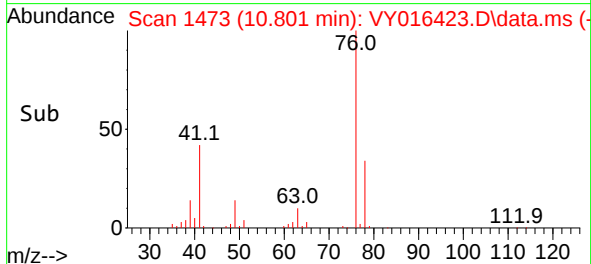
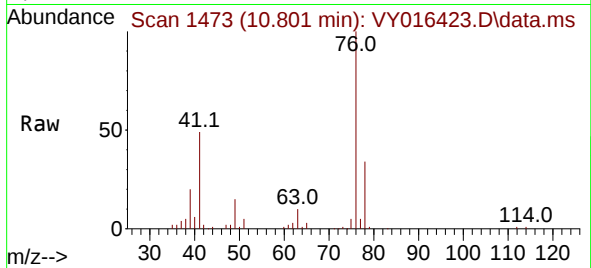
#57
1,3-Dichloropropane
Concen: 22.289 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion: 76 Resp: 4332
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9

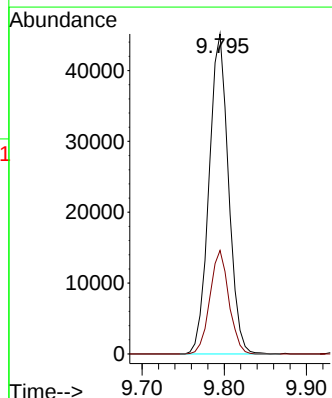
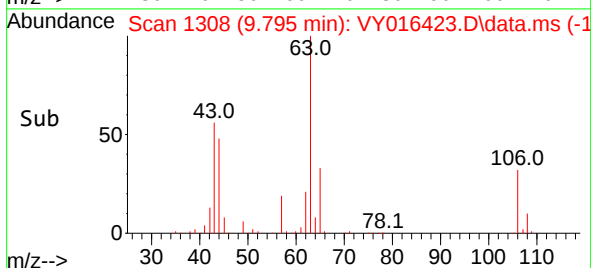
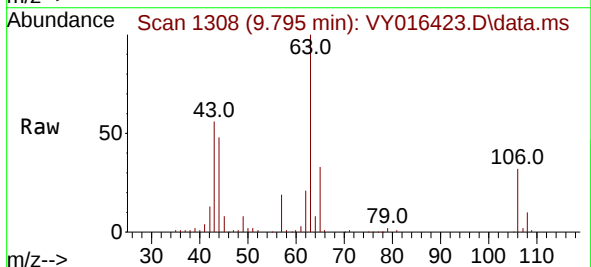
Manual Integrations
APPROVED

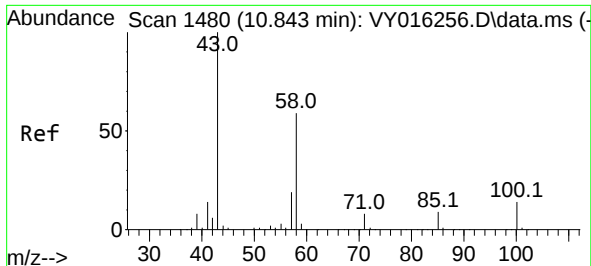
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 101.607 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

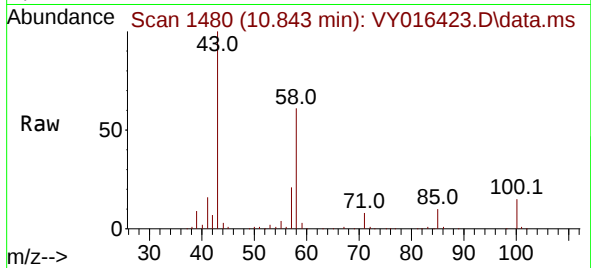
Tgt Ion: 63 Resp: 74167
Ion Ratio Lower Upper
63 100
106 31.5 21.2 31.8





#59
2-Hexanone
Concen: 120.937 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

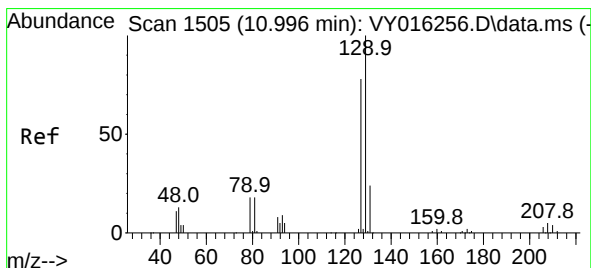
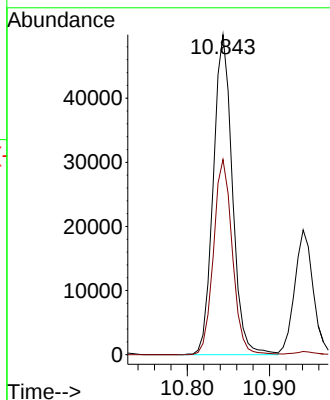
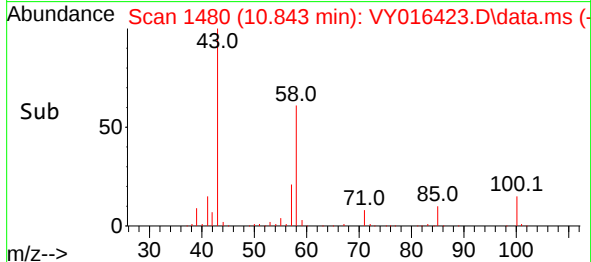
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



Tgt Ion: 43 Resp: 8039
Ion Ratio Lower Upper
43 100
58 60.1 25.1 75.3

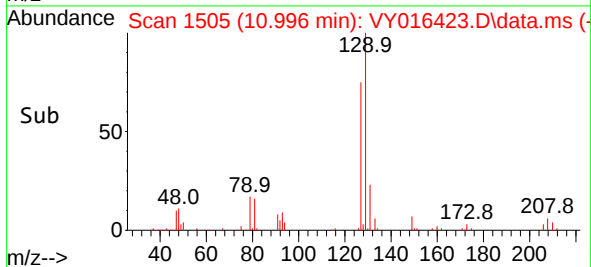
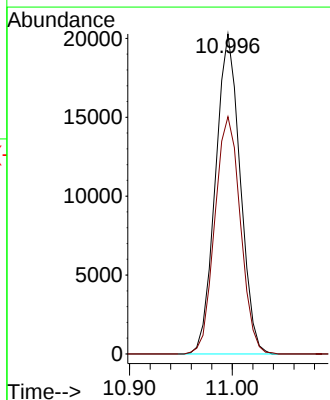
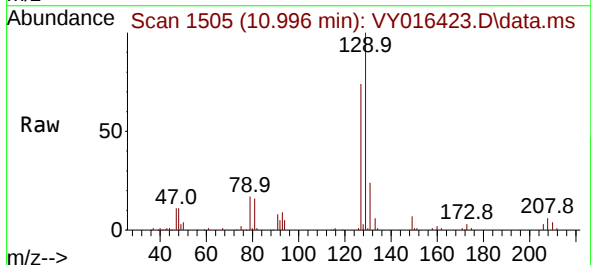
Manual Integrations
APPROVED

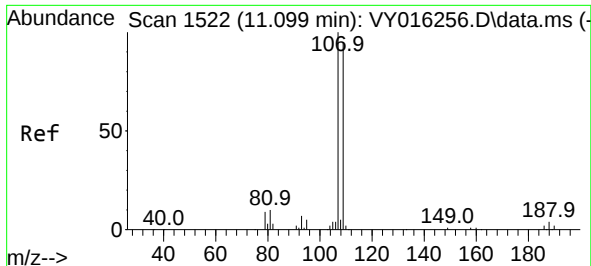
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#60
Dibromochloromethane
Concen: 23.716 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion:129 Resp: 33824
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





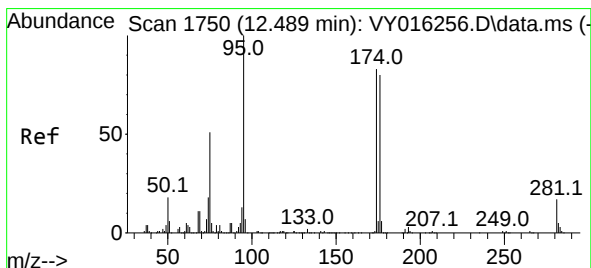
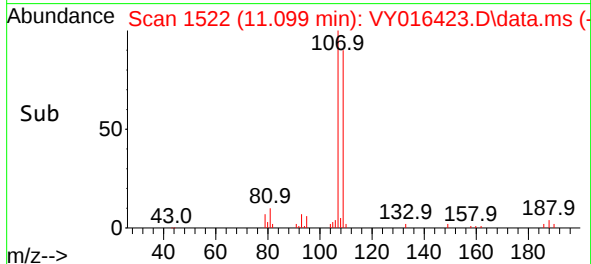
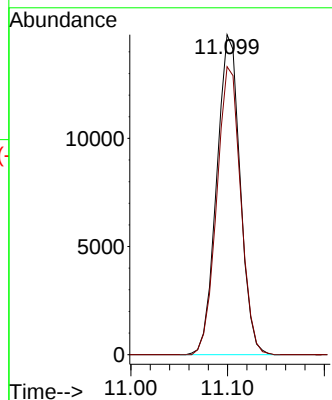
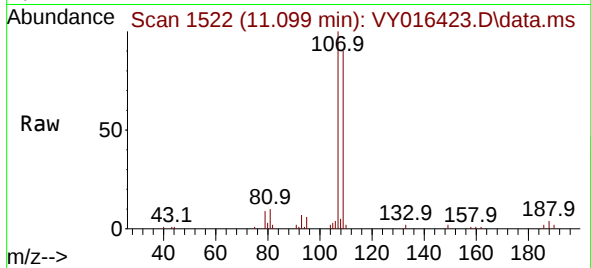
#61
1,2-Dibromoethane
Concen: 22.866 ug/l
RT: 11.099 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion:107 Resp: 2484
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4

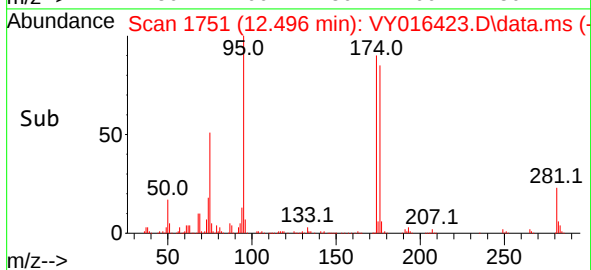
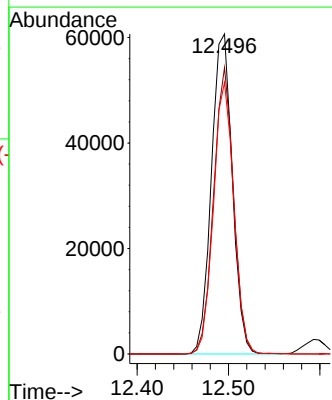
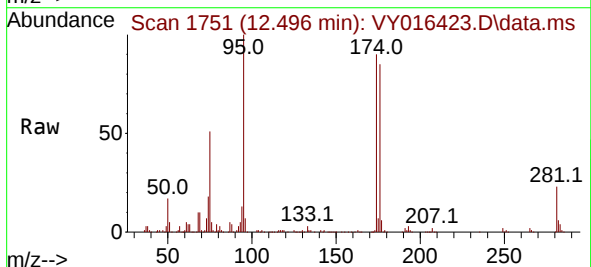
Manual Integrations
APPROVED

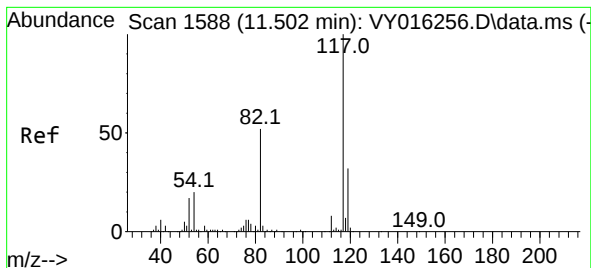
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#62
4-Bromofluorobenzene
Concen: 56.159 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 95 Resp: 96390
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 83.0 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: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tgt Ion:117 Resp: 204180

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

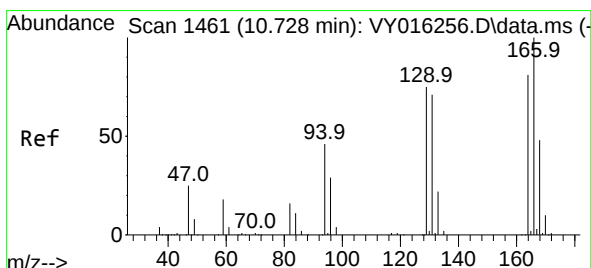
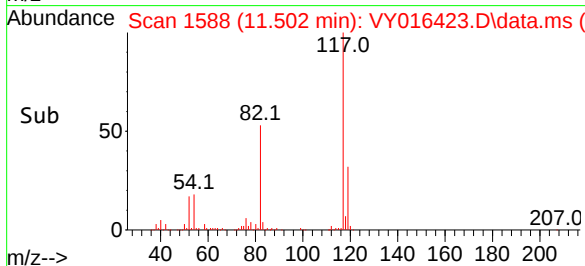
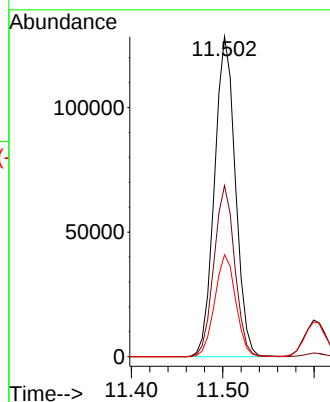
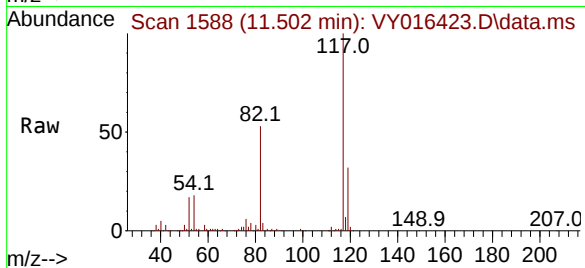
119 31.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023

Supervised By :Semsettin Yesilyurt 11/21/2023



#64

Tetrachloroethene

Concen: 21.042 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion:164 Resp: 38577

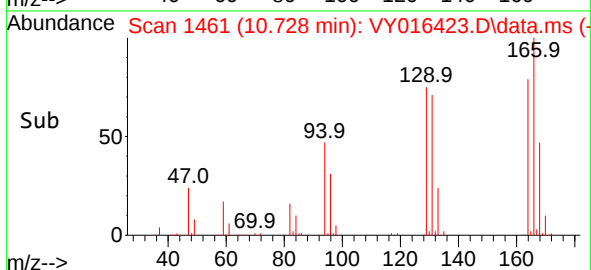
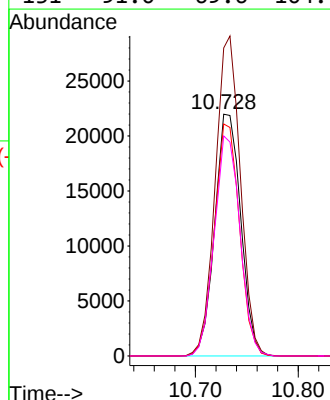
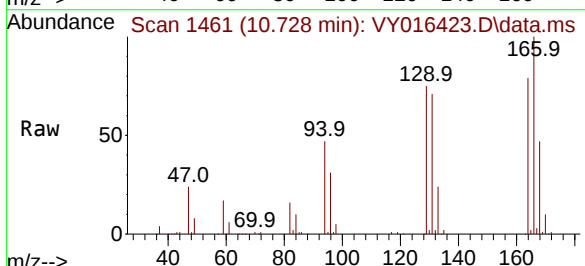
Ion Ratio Lower Upper

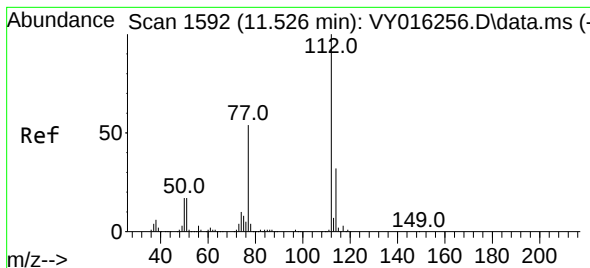
164 100

166 127.4 103.0 154.6

129 96.0 77.2 115.8

131 91.0 69.6 104.4





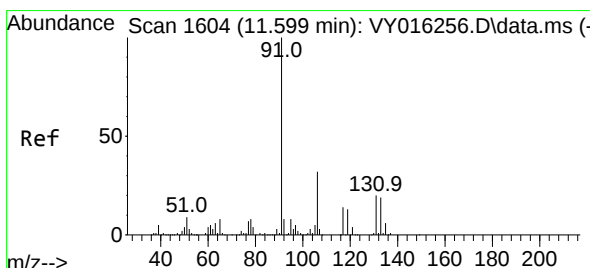
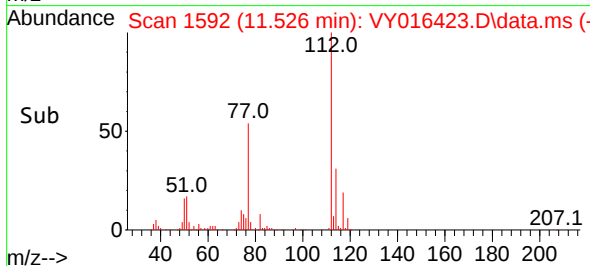
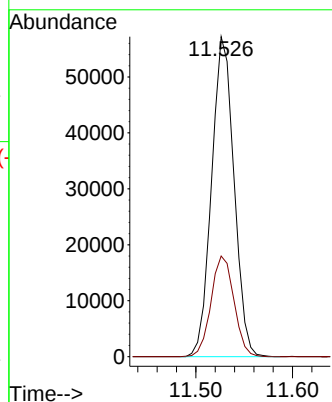
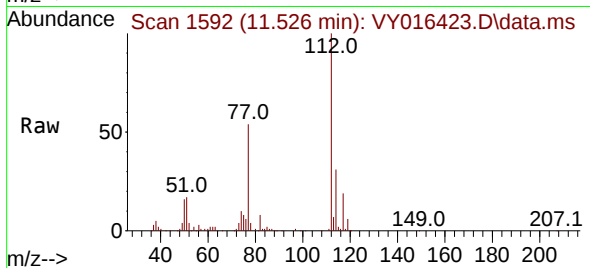
#65
Chlorobenzene
Concen: 21.100 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion:112 Resp: 92040
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3

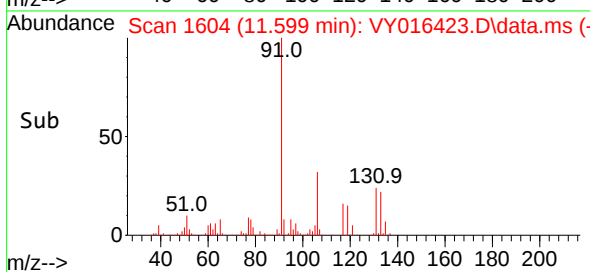
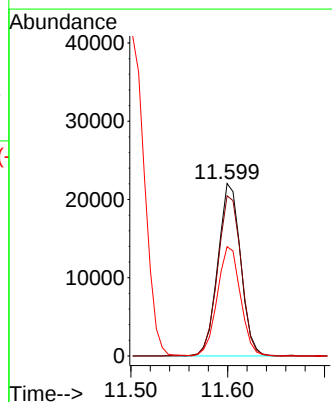
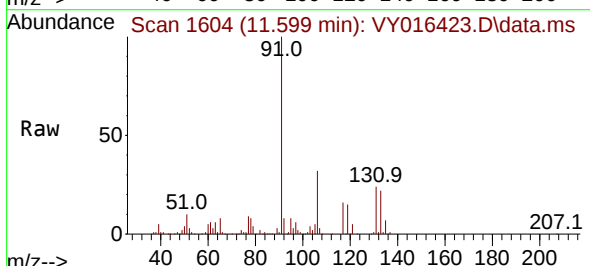
Manual Integrations
APPROVED

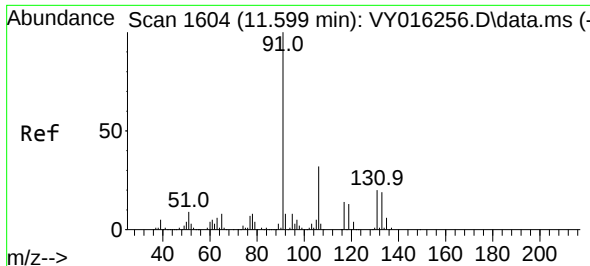
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.294 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion:131 Resp: 35871
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.6
119 64.8 31.6 94.7





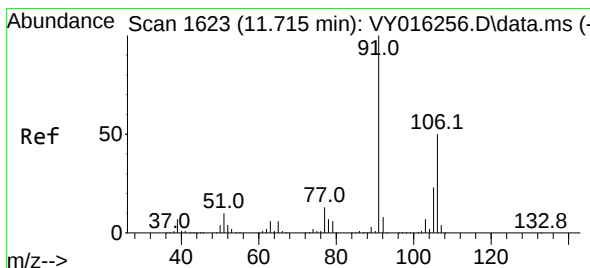
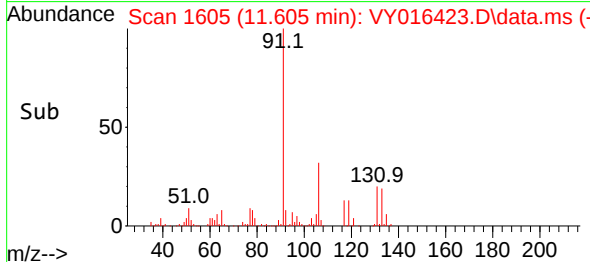
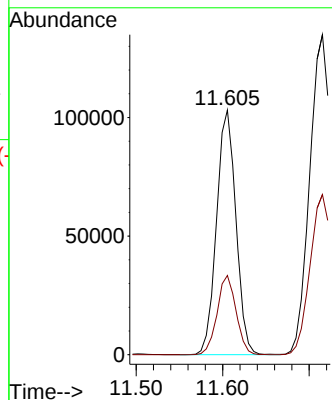
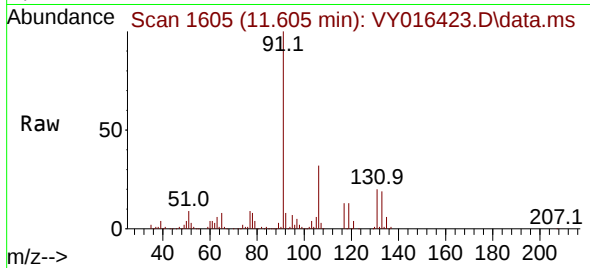
#67
Ethyl Benzene
Concen: 20.430 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion: 91 Resp: 16016
Ion Ratio Lower Upper
91 100
106 32.4 24.6 36.8

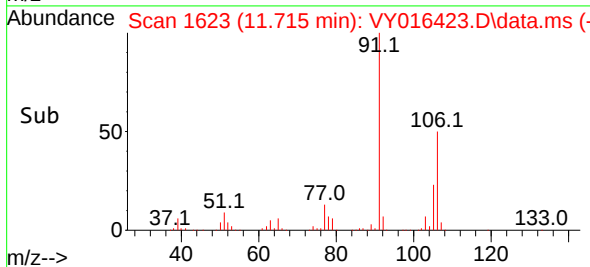
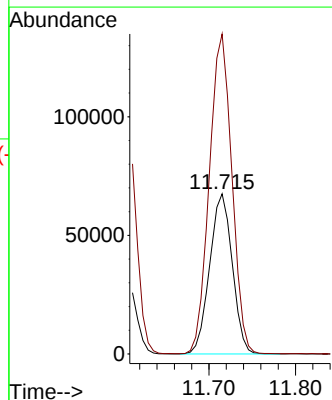
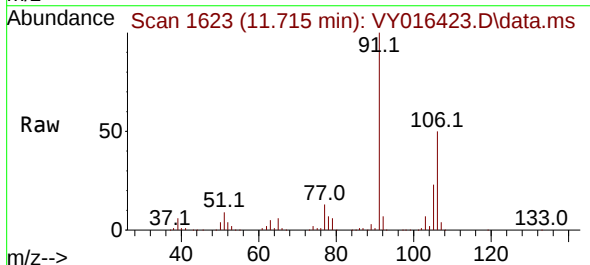
Manual Integrations
APPROVED

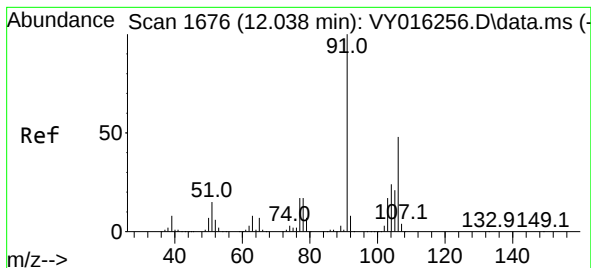
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#68
m/p-Xylenes
Concen: 41.156 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion:106 Resp: 122380
Ion Ratio Lower Upper
106 100
91 199.3 166.1 249.1





#69

o-Xylene

Concen: 21.068 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tgt Ion:106 Resp: 5816

Ion Ratio Lower Upper

106 100

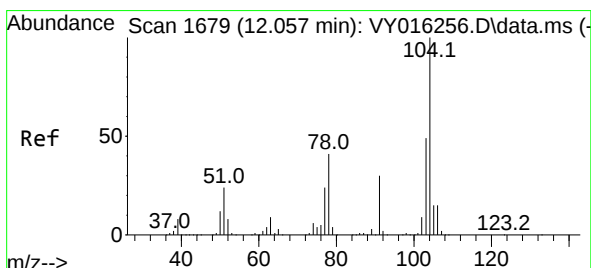
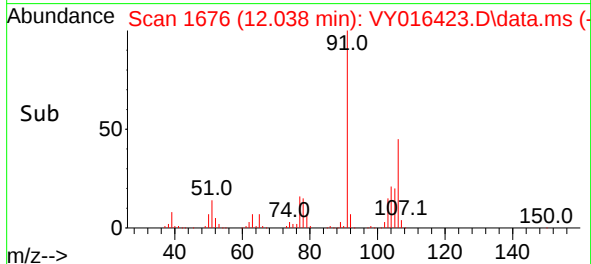
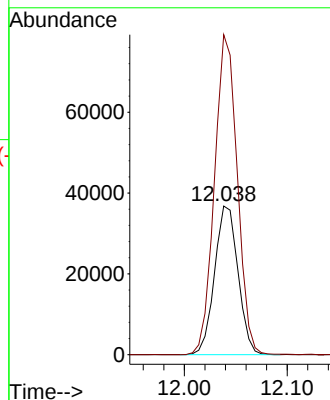
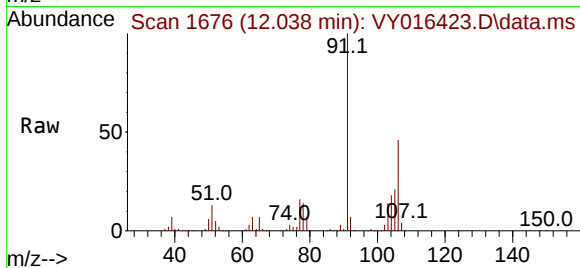
91 210.0 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023

Supervised By :Semsettin Yesilyurt 11/21/2023



#70

Styrene

Concen: 21.696 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

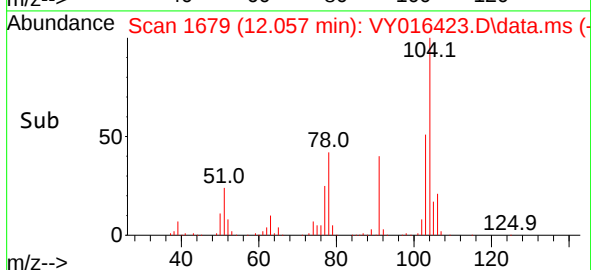
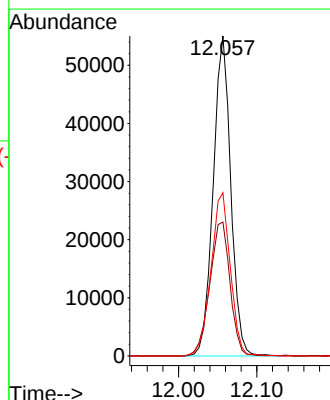
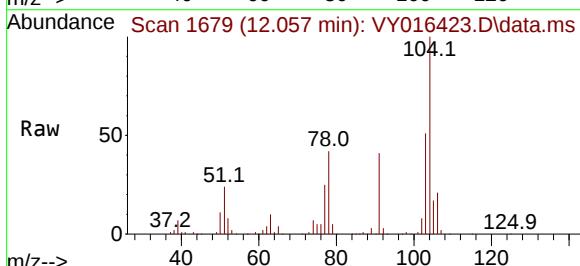
Tgt Ion:104 Resp: 85771

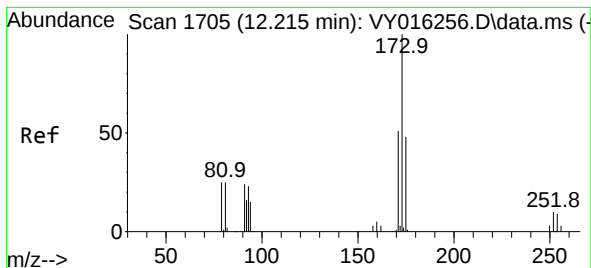
Ion Ratio Lower Upper

104 100

78 48.2 41.5 62.3

103 56.1 44.6 67.0





#71

Bromoform

Concen: 23.182 ug/l

RT: 12.221 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

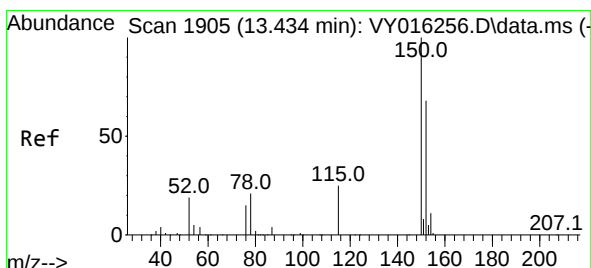
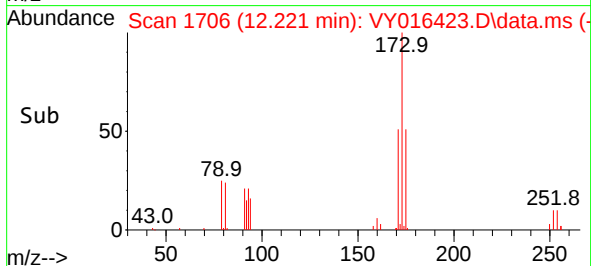
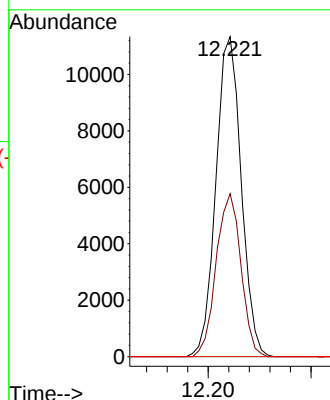
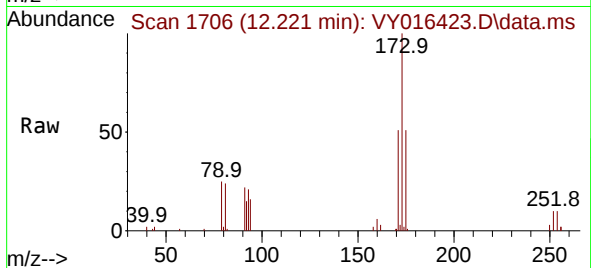
VY1120SBS01

Tgt Ion:	173	Resp:	19354
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

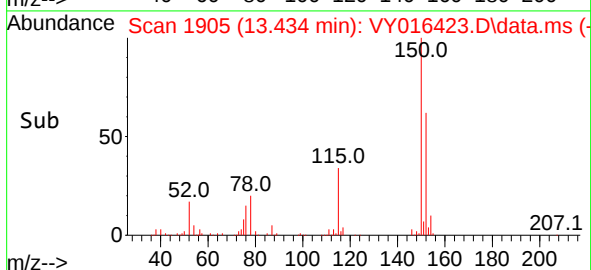
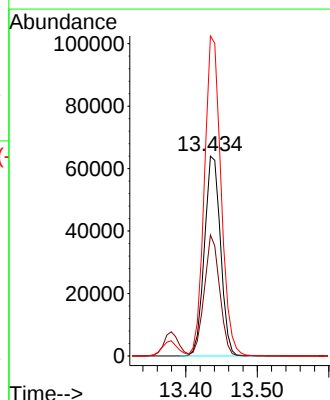
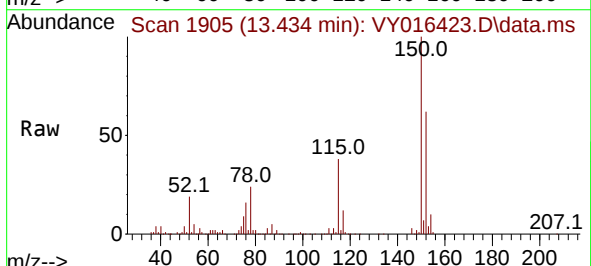
RT: 13.434 min Scan# 1905

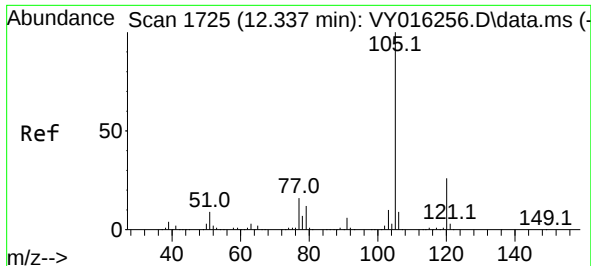
Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

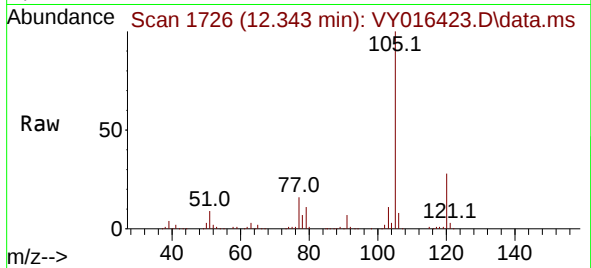
Tgt Ion:	152	Resp:	99941
Ion Ratio	Lower	Upper	
152	100		
115	58.0	28.8	86.5
150	165.5	0.0	348.8





#73
Isopropylbenzene
Concen: 19.347 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

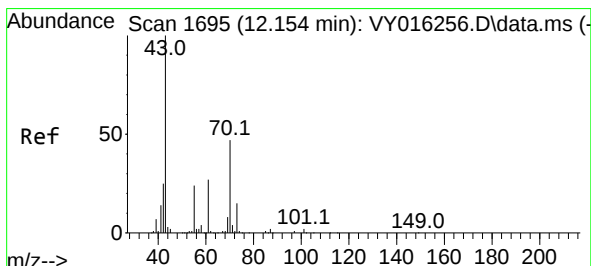
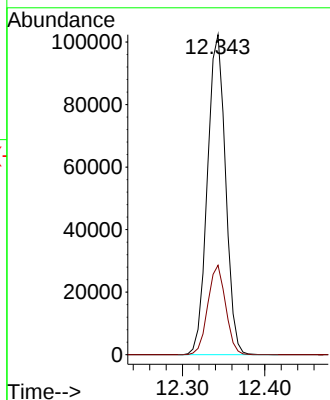
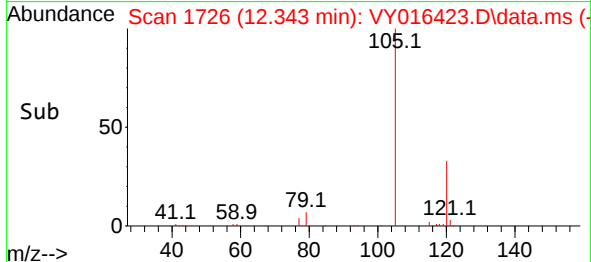
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



Tgt Ion:105 Resp: 15657
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.9

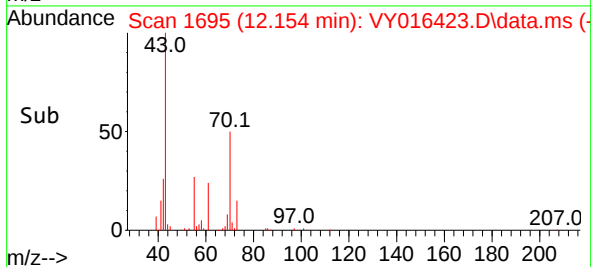
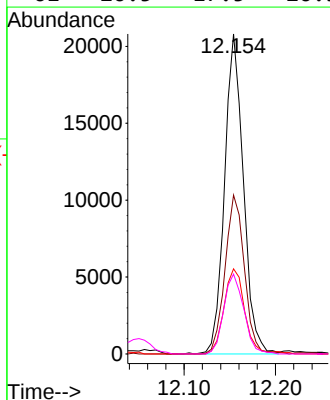
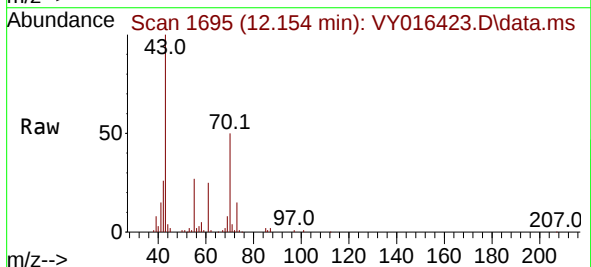
Manual Integrations
APPROVED

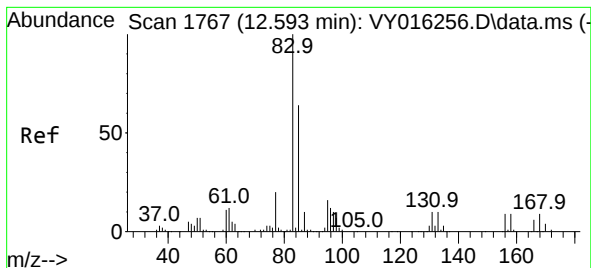
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#74
N-ethyl acetate
Concen: 18.399 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

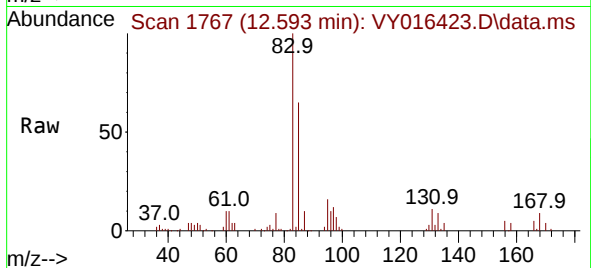
Tgt Ion: 43 Resp: 29909
Ion Ratio Lower Upper
43 100
70 51.0 29.7 44.5#
55 29.3 18.3 27.5#
61 26.5 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.685 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

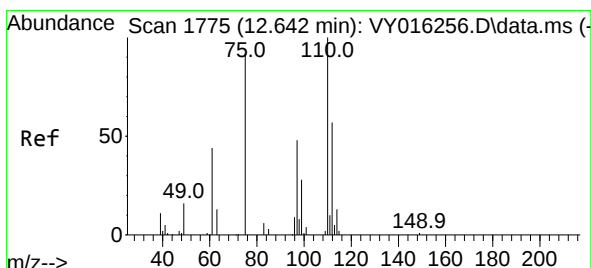
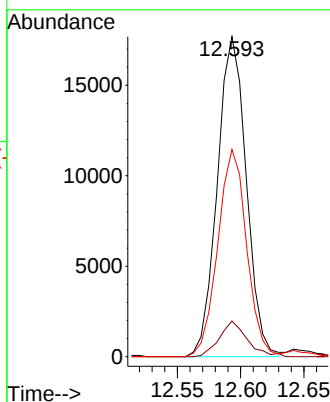
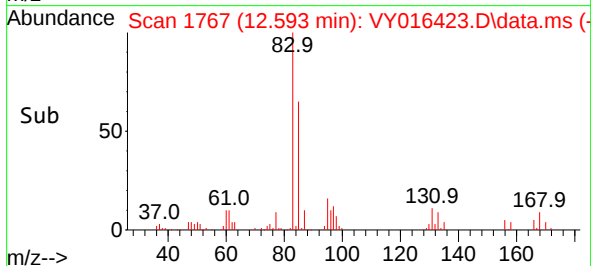
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01



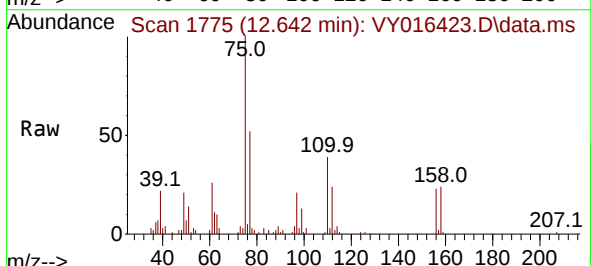
Tgt Ion: 83 Resp: 2816
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.3 31.8 95.4

Manual Integrations
APPROVED

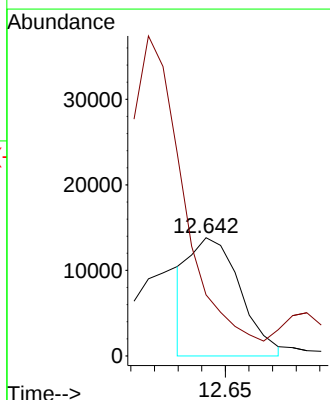
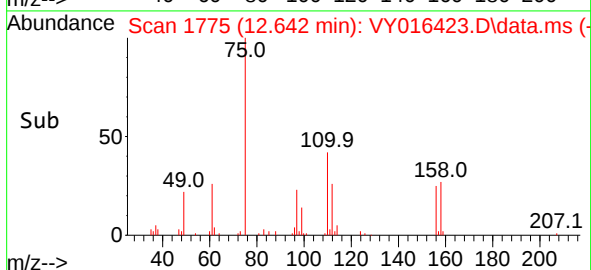
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023

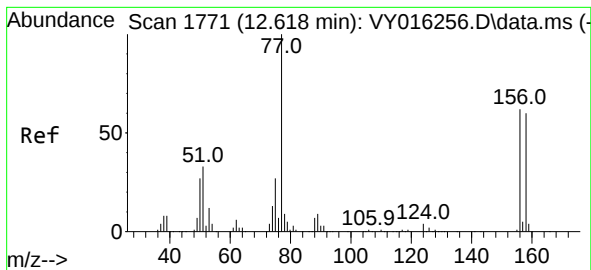


#76
1,2,3-Trichloropropane
Concen: 21.595 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31



Tgt Ion: 75 Resp: 20704
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.831 ug/l

RT: 12.624 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

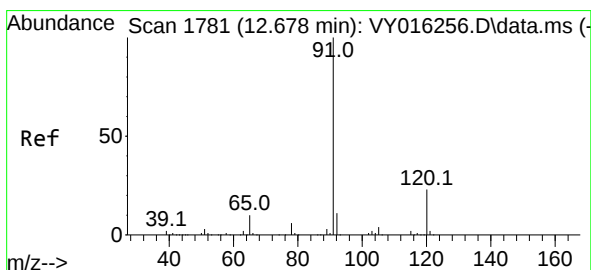
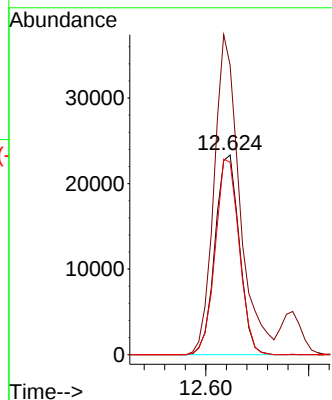
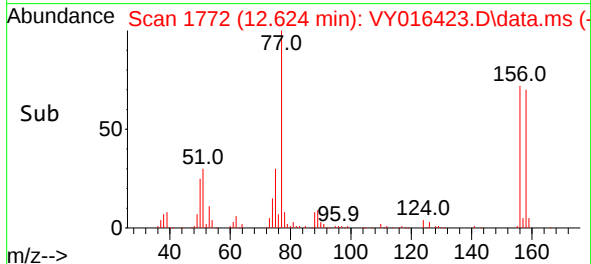
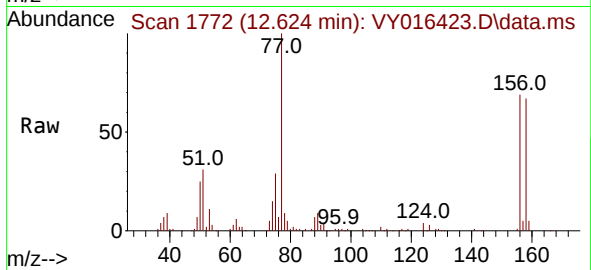
VY1120SBS01

Tgt Ion:	156	Resp:	3810
Ion Ratio	Lower	Upper	
156	100		
77	169.8	92.8	278.6
158	97.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#78

n-propylbenzene

Concen: 19.256 ug/l

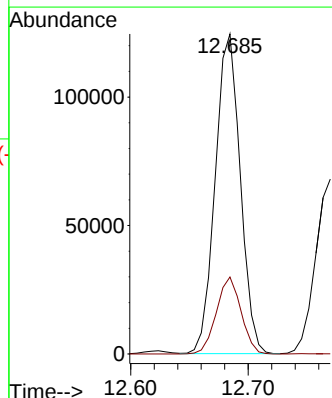
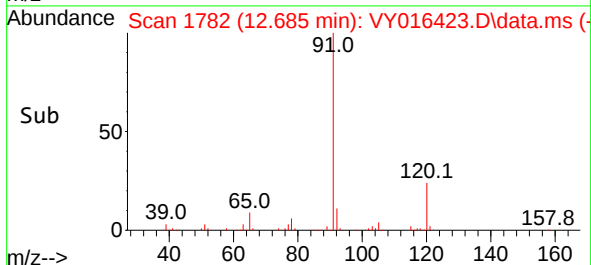
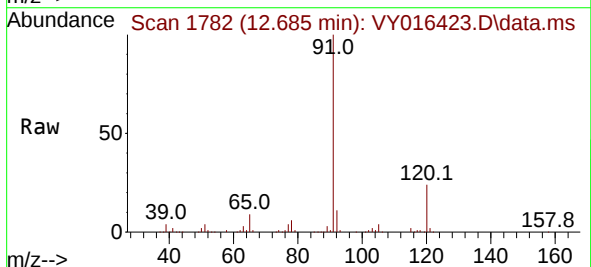
RT: 12.685 min Scan# 1782

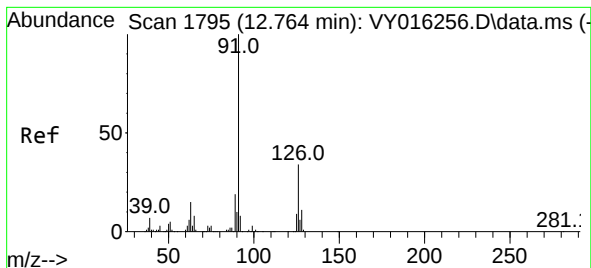
Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion:	91	Resp:	184172
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





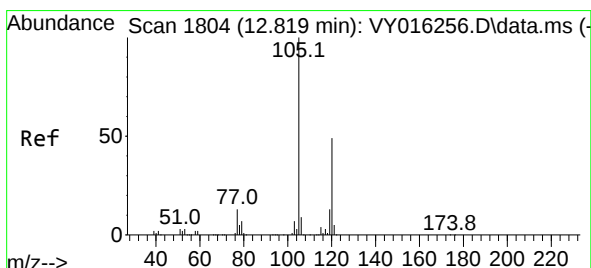
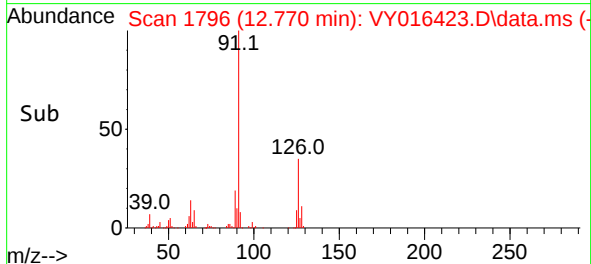
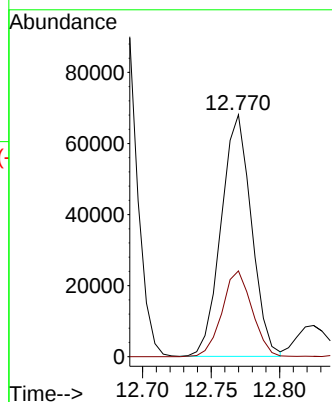
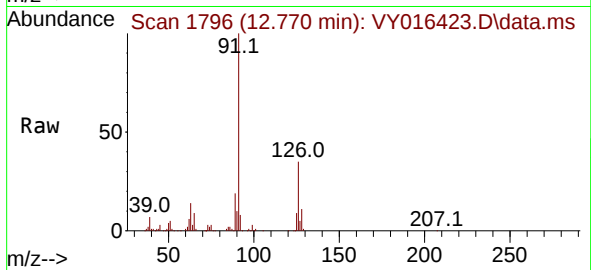
#79
2-Chlorotoluene
Concen: 19.869 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion: 91 Resp: 104724
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7

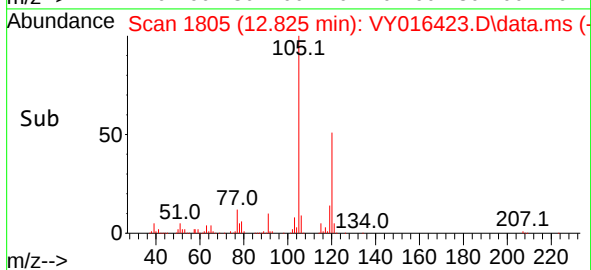
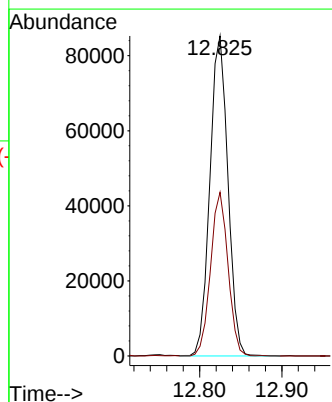
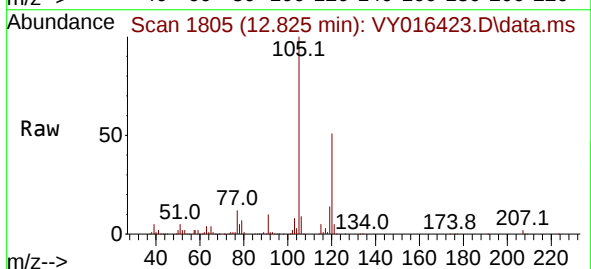
Manual Integrations
APPROVED

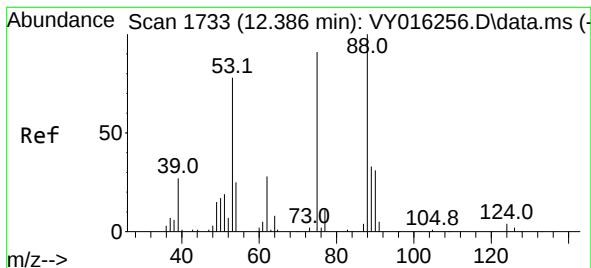
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.870 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion:105 Resp: 129651
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7





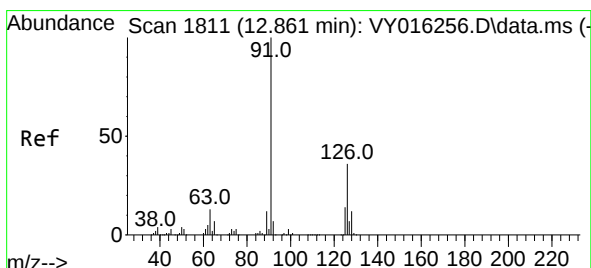
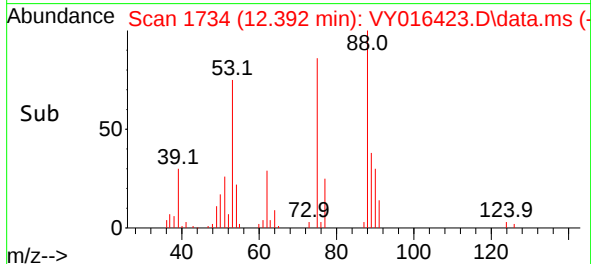
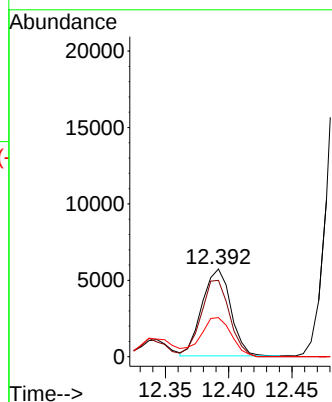
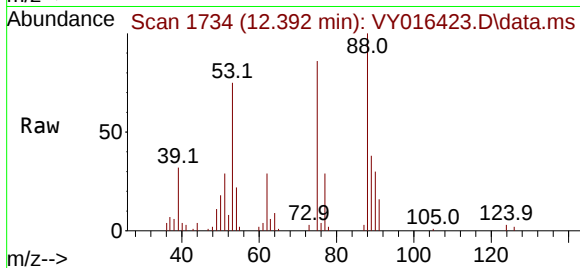
#81
trans-1,4-Dichloro-2-butene
Concen: 20.349 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion: 75 Resp: 898
Ion Ratio Lower Upper
75 100
53 86.9 77.8 116.8
89 48.6 37.4 56.0

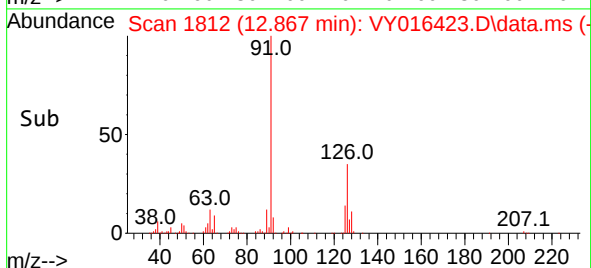
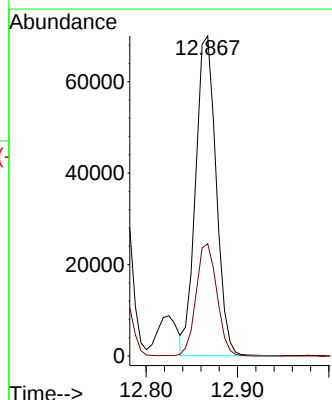
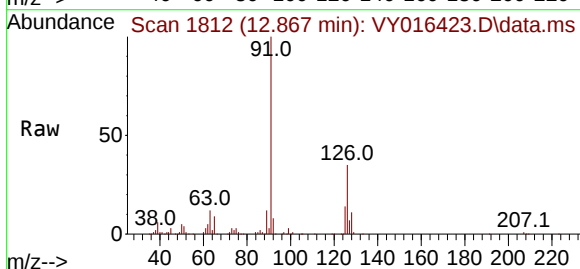
Manual Integrations
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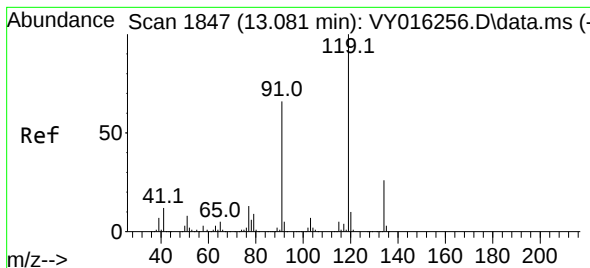
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#82
4-Chlorotoluene
Concen: 20.020 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 91 Resp: 109035
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.802 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

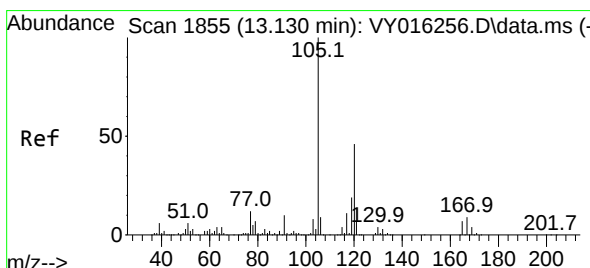
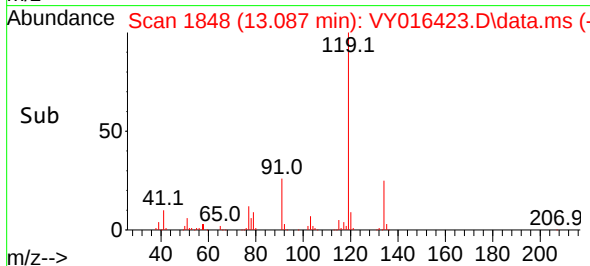
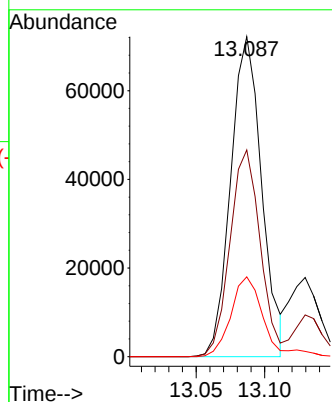
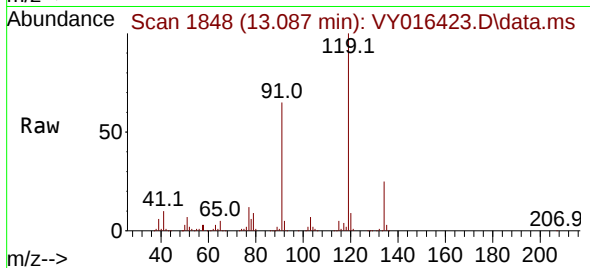
Tgt Ion:119 Resp: 113810

Ion	Ratio	Lower	Upper
119	100		
91	63.0	32.9	98.6
134	26.2	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.055 ug/l

RT: 13.130 min Scan# 1855

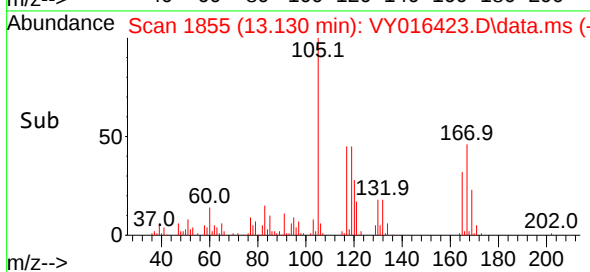
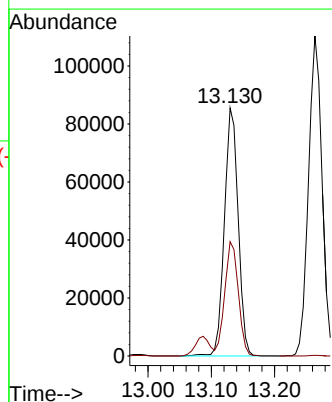
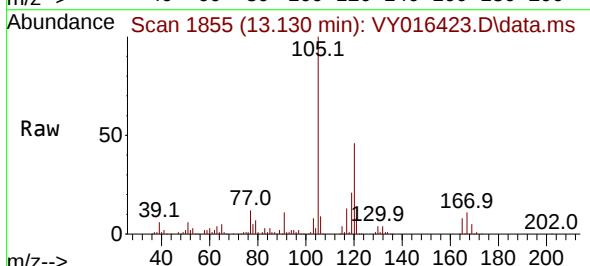
Delta R.T. -0.000 min

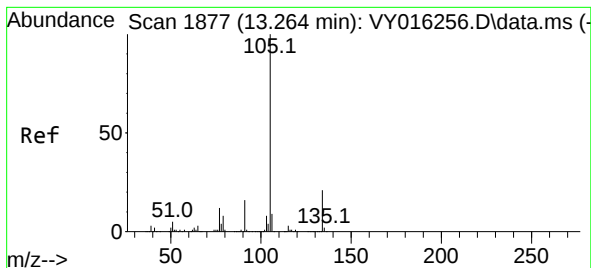
Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion:105 Resp: 128851

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.2	66.6





#85

sec-Butylbenzene

Concen: 19.884 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tgt Ion:105 Resp: 16326

Ion Ratio Lower Upper

105 100

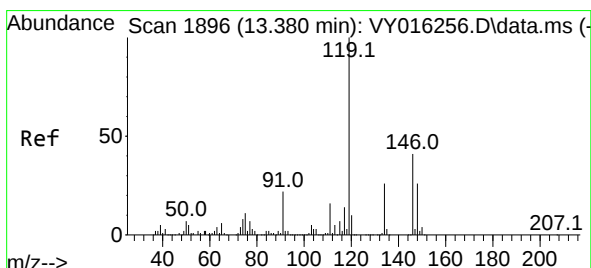
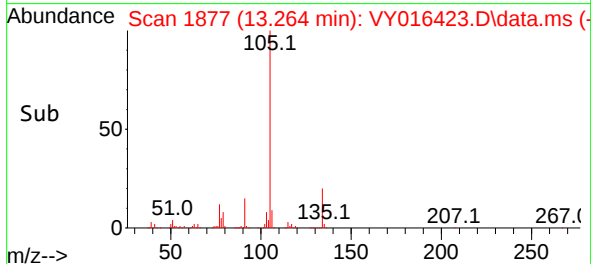
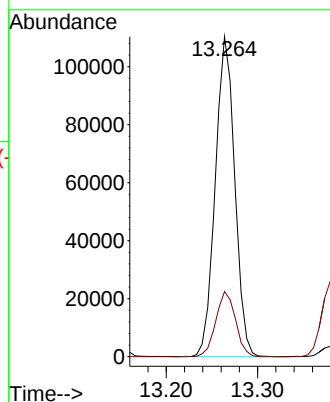
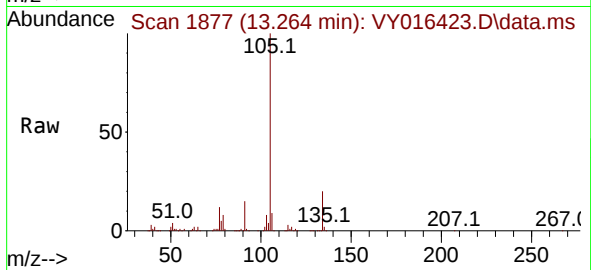
134 20.6 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023

Supervised By :Semsettin Yesilyurt 11/21/2023



#86

p-Isopropyltoluene

Concen: 19.941 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

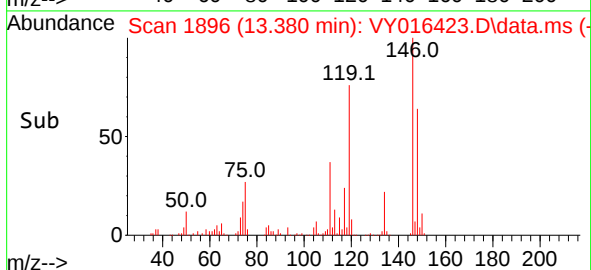
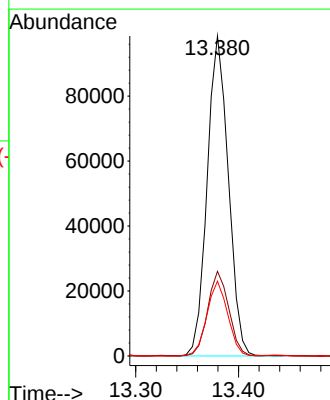
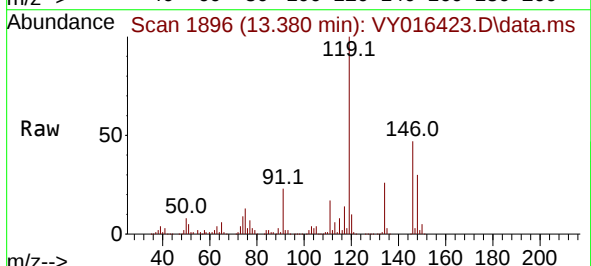
Tgt Ion:119 Resp: 140982

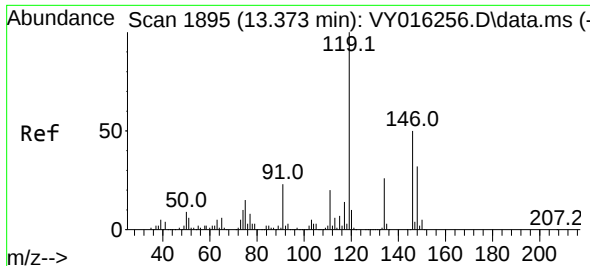
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.0 12.4 37.4





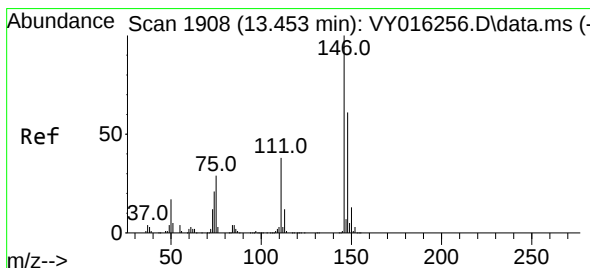
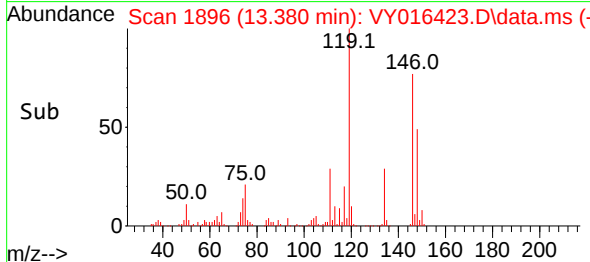
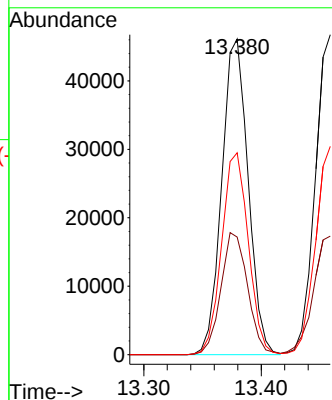
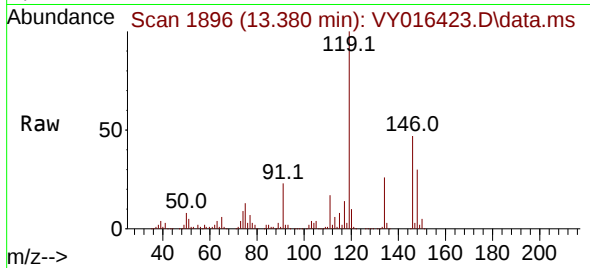
#87
1,3-Dichlorobenzene
Concen: 20.456 ug/l
RT: 13.380 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion:146 Resp: 71984
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.2
148 64.7 31.9 95.5

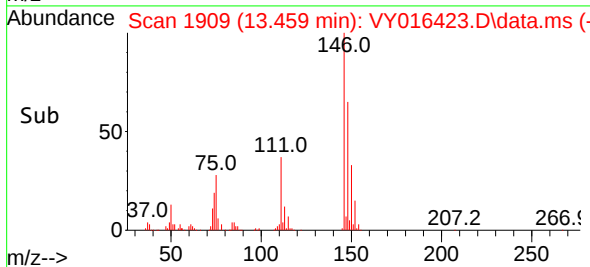
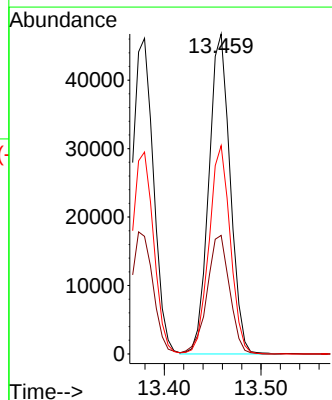
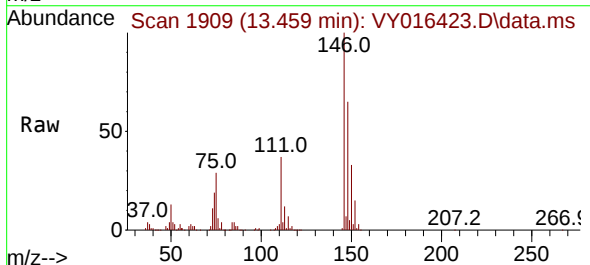
Manual Integrations
APPROVED

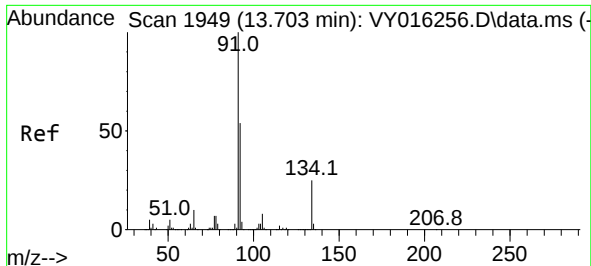
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#88
1,4-Dichlorobenzene
Concen: 20.875 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion:146 Resp: 71790
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.7
148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.375 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

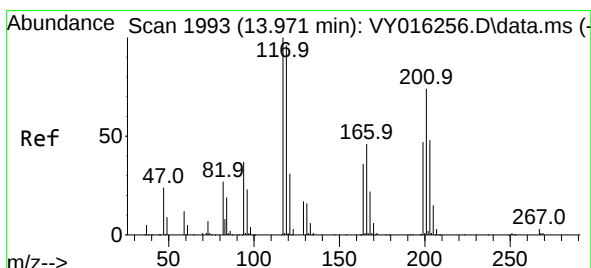
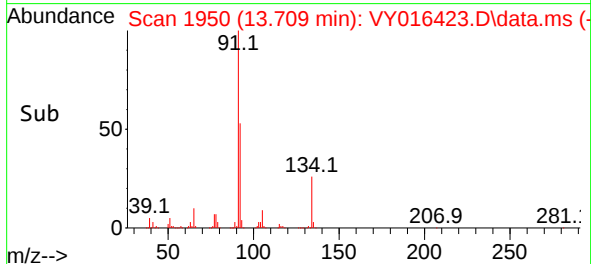
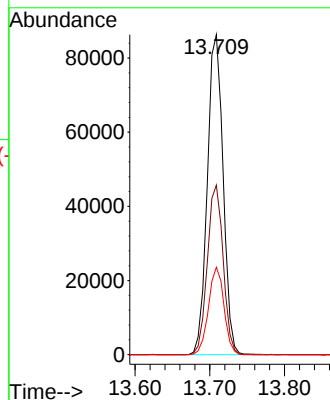
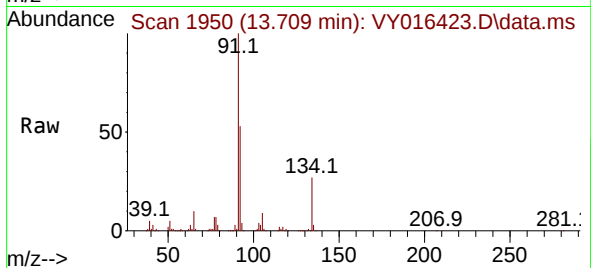
VY1120SBS01

Tgt Ion: 91 Resp: 126502
 Ion Ratio Lower Upper
 91 100
 92 53.2 25.4 76.0
 134 26.8 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
 Supervised By :Semsettin Yesilyurt 11/21/2023



#90

Hexachloroethane

Concen: 19.858 ug/l

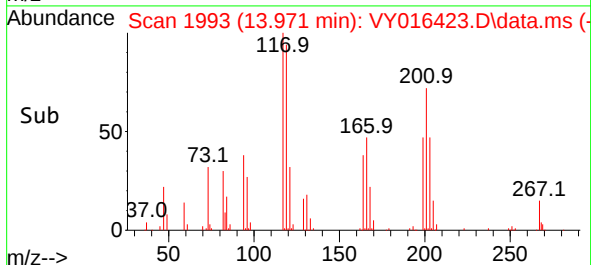
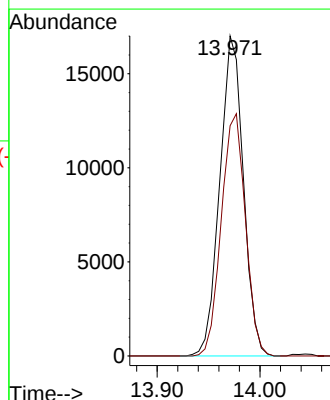
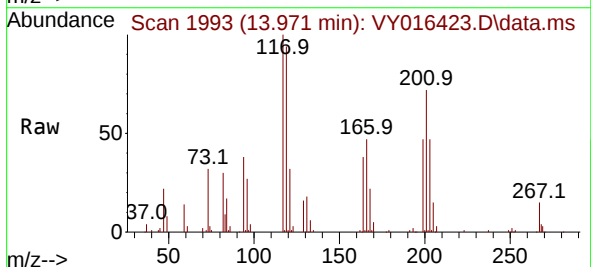
RT: 13.971 min Scan# 1993

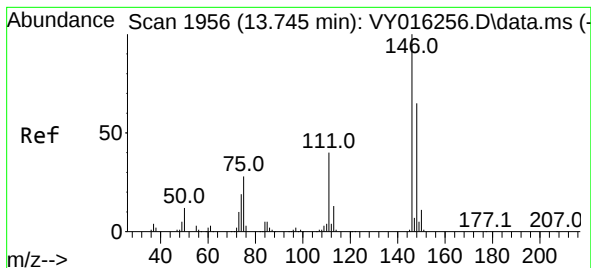
Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion:117 Resp: 27083
 Ion Ratio Lower Upper
 117 100
 201 77.5 41.6 124.8





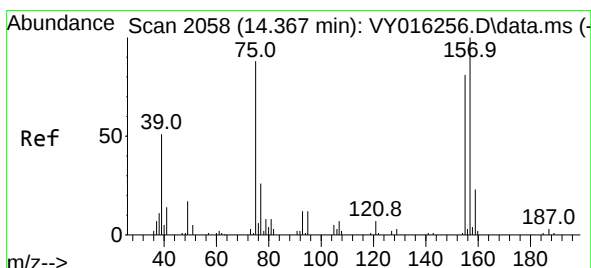
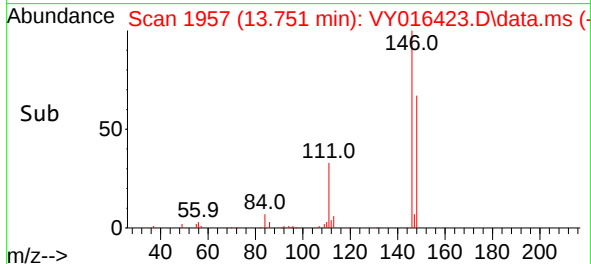
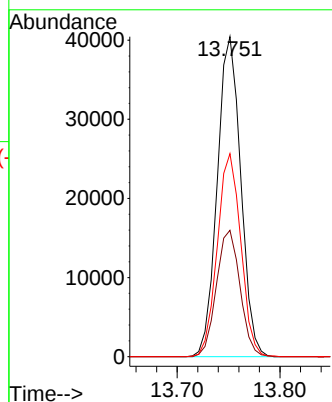
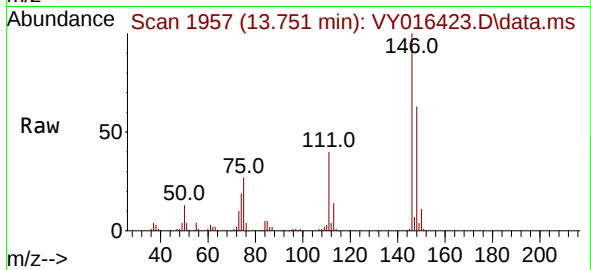
#91
1,2-Dichlorobenzene
Concen: 21.279 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tgt Ion:146 Resp: 6416
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 63.3 32.0 96.2

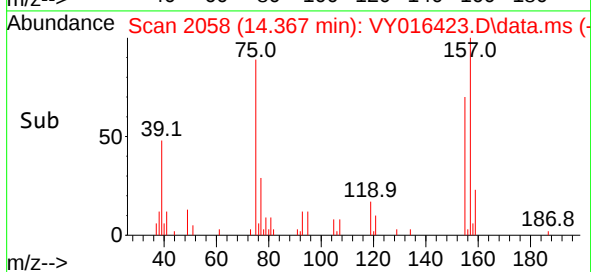
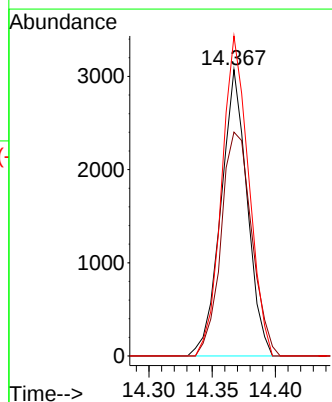
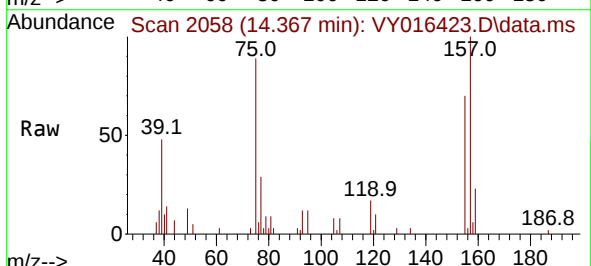
Manual Integrations
APPROVED

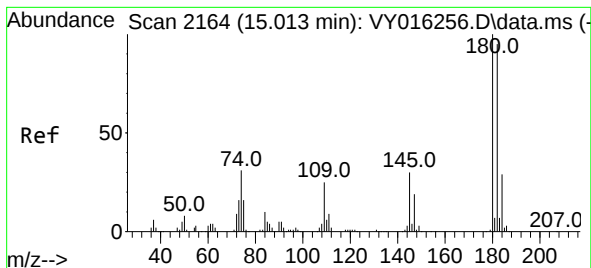
Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.426 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 75 Resp: 4427
Ion Ratio Lower Upper
75 100
155 91.2 41.5 124.6
157 114.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.709 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

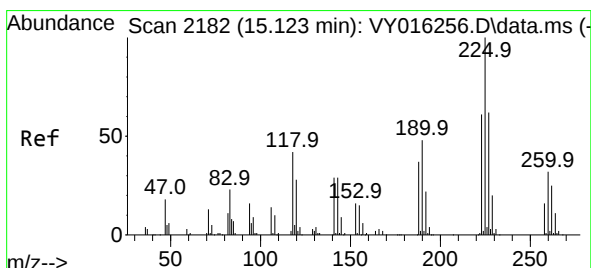
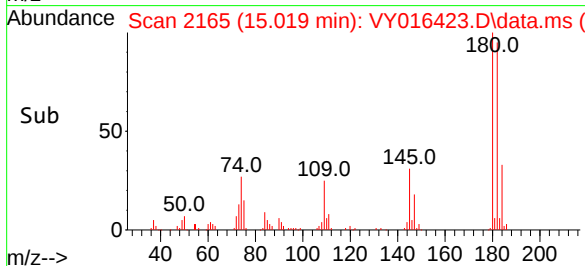
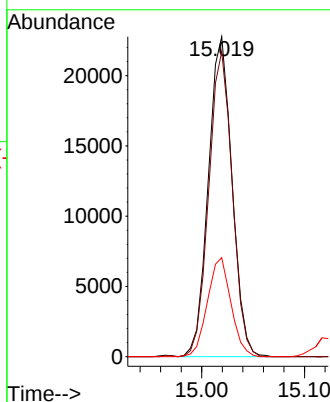
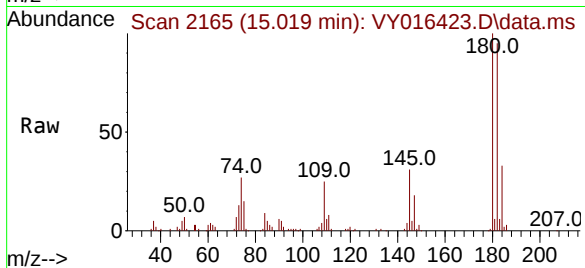
VY1120SBS01

Tgt Ion:180	Resp:	3645
Ion Ratio	Lower	Upper
180	100	
182	94.4	47.0 141.2
145	30.7	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#94

Hexachlorobutadiene

Concen: 21.406 ug/l

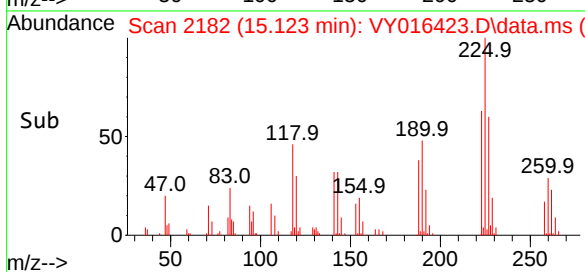
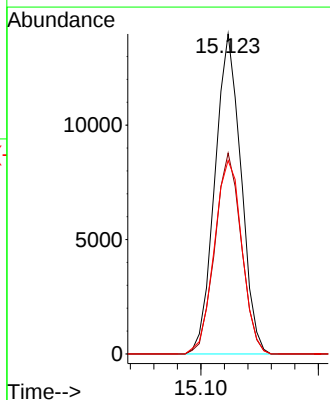
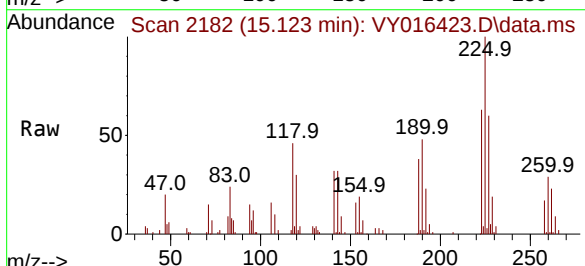
RT: 15.123 min Scan# 2182

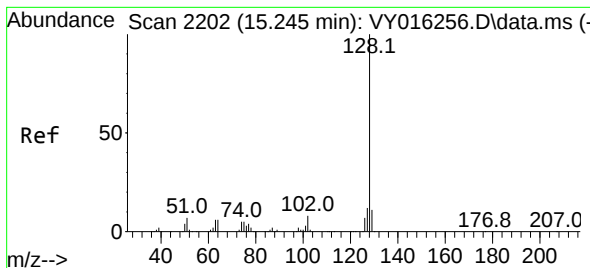
Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion:225	Resp:	21586
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.9 95.9
227	64.1	33.0 98.9





#95

Naphthalene

Concen: 21.320 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

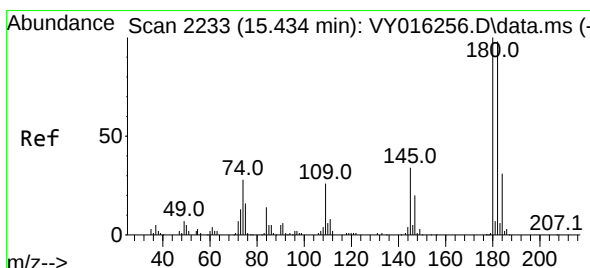
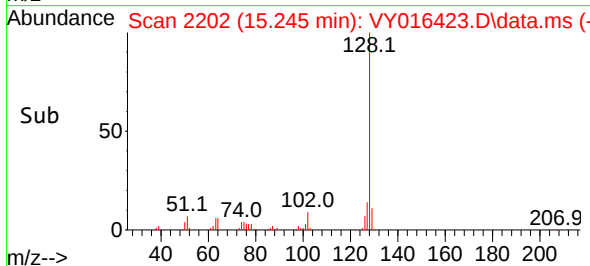
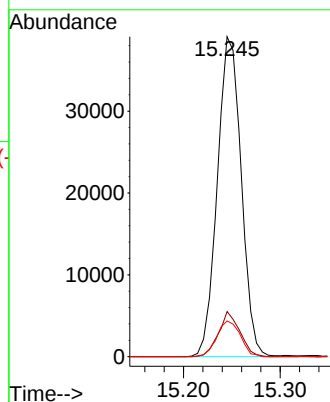
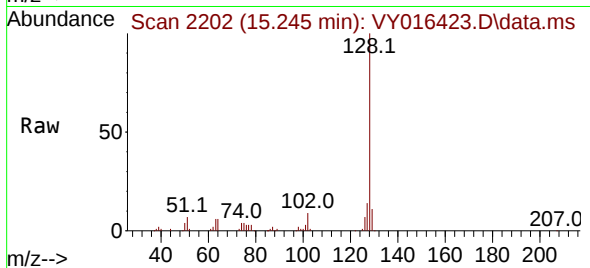
VY1120SBS01

Tgt Ion:	128	Resp:	67114
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.8	16.2
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.280 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion:	180	Resp:	30980
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.3	141.8
145	33.3	15.4	46.2

