

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016666.D
 Acq On : 16 Dec 2023 13:34
 Operator : SY/MD
 Sample : VY1216SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 00:38:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	245896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	388988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	353912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84197	41.946	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.900%		
35) Dibromofluoromethane	7.722	113	91168	43.694	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.380%		
50) Toluene-d8	10.185	98	353707	43.286	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.580%		
62) 4-Bromofluorobenzene	12.489	95	113937	42.611	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34495	18.000	ug/l	99
3) Chloromethane	2.113	50	54670	18.306	ug/l	96
4) Vinyl Chloride	2.253	62	64665	18.862	ug/l	90
5) Bromomethane	2.650	94	47647	19.418	ug/l	100
6) Chloroethane	2.790	64	42412	19.020	ug/l	97
7) Trichlorofluoromethane	3.125	101	72541	18.945	ug/l	94
8) Diethyl Ether	3.534	74	22733	19.006	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	44168	18.651	ug/l	95
10) Methyl Iodide	4.094	142	45277	18.370	ug/l	96
11) Tert butyl alcohol	4.954	59	14957	92.168	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	41088	18.404	ug/l	89
13) Acrolein	3.729	56	13516	103.135	ug/l	100
14) Allyl chloride	4.478	41	54961	18.158	ug/l #	93
15) Acrylonitrile	5.161	53	44636	89.676	ug/l	95
16) Acetone	3.948	43	56371	101.990	ug/l #	88
17) Carbon Disulfide	4.198	76	128844	18.247	ug/l	98
18) Methyl Acetate	4.478	43	32007	17.043	ug/l #	86
19) Methyl tert-butyl Ether	5.222	73	96639	18.462	ug/l	99
20) Methylene Chloride	4.722	84	58146	19.905	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	48817	18.768	ug/l	89
22) Diisopropyl ether	6.125	45	121904	18.792	ug/l	88
23) Vinyl Acetate	6.064	43	289351	90.522	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	77402	18.284	ug/l	96
25) 2-Butanone	6.984	43	69823	94.179	ug/l #	89
26) 2,2-Dichloropropane	6.990	77	72210	19.213	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	52469	18.679	ug/l	90
28) Bromochloromethane	7.338	49	30748	22.217	ug/l	90
29) Tetrahydrofuran	7.356	42	38254	97.856	ug/l	91
30) Chloroform	7.508	83	83870	19.050	ug/l	98
31) Cyclohexane	7.789	56	73258	18.452	ug/l	86
32) 1,1,1-Trichloroethane	7.710	97	75148	19.026	ug/l	98
36) 1,1-Dichloropropene	7.923	75	64943	18.792	ug/l	98
37) Ethyl Acetate	7.076	43	25185	17.684	ug/l	96
38) Carbon Tetrachloride	7.905	117	66710	19.218	ug/l	98
39) Methylcyclohexane	9.185	83	82001	18.879	ug/l	94
40) Benzene	8.167	78	198079	19.556	ug/l #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	13790m	19.223	ug/l	
42) 1,2-Dichloroethane	8.240	62	53168	20.538	ug/l	85
43) Isopropyl Acetate	8.277	43	47982	18.332	ug/l #	90
44) Trichloroethene	8.947	130	53770	19.061	ug/l	98
45) 1,2-Dichloropropane	9.222	63	47158	19.930	ug/l	98
46) Dibromomethane	9.313	93	24394	18.642	ug/l	95
47) Bromodichloromethane	9.502	83	64533	19.518	ug/l #	96
48) Methyl methacrylate	9.301	41	26360	18.187	ug/l	90
49) 1,4-Dioxane	9.301	88	5001	356.764	ug/l #	59
51) 4-Methyl-2-Pentanone	10.075	43	121463	88.482	ug/l	88
52) Toluene	10.246	92	131566	20.737	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	58775	18.843	ug/l	93
54) cis-1,3-Dichloropropene	9.935	75	76746	20.464	ug/l #	77
55) 1,1,2-Trichloroethane	10.648	97	35148	19.116	ug/l	97
56) Ethyl methacrylate	10.514	69	30062	18.858	ug/l #	92
57) 1,3-Dichloropropane	10.794	76	58159	19.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	85101	85.720	ug/l	91
59) 2-Hexanone	10.837	43	104734	92.998	ug/l	87
60) Dibromochloromethane	10.990	129	46996	21.090	ug/l	96
61) 1,2-Dibromoethane	11.093	107	34234	19.838	ug/l	95
64) Tetrachloroethene	10.727	164	55132	19.014	ug/l	96
65) Chlorobenzene	11.520	112	131182	19.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	48207	19.095	ug/l	95
67) Ethyl Benzene	11.599	91	236304	19.027	ug/l	99
68) m/p-Xylenes	11.709	106	194879	40.674	ug/l #	65
69) o-Xylene	12.032	106	84780m	19.345	ug/l	
70) Styrene	12.050	104	124803	19.656	ug/l	97
71) Bromoform	12.215	173	25609	18.705	ug/l #	99
73) Isopropylbenzene	12.337	105	224005	19.975	ug/l	98
74) N-amyl acetate	12.148	43	37271	17.733	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.587	83	36263	19.008	ug/l	85
76) 1,2,3-Trichloropropane	12.636	75	26741m	18.312	ug/l	
77) Bromobenzene	12.611	156	51363	19.550	ug/l	91
78) n-propylbenzene	12.678	91	316437	23.608	ug/l	92
79) 2-Chlorotoluene	12.764	91	142112	19.308	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	177281	19.771	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.386	75	12458m	19.495	ug/l	
82) 4-Chlorotoluene	12.861	91	147775	19.415	ug/l	97
83) tert-Butylbenzene	13.081	119	154821	19.788	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	189910	21.355	ug/l	97
85) sec-Butylbenzene	13.257	105	227458	19.812	ug/l	100
86) p-Isopropyltoluene	13.373	119	194453	19.838	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	98605	19.310	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	97346	19.387	ug/l	99
89) n-Butylbenzene	13.702	91	177020	19.440	ug/l	97
90) Hexachloroethane	13.965	117	48686	24.955	ug/l	73
91) 1,2-Dichlorobenzene	13.745	146	83276	19.006	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4892	17.717	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	44573	18.832	ug/l	92
94) Hexachlorobutadiene	15.117	225	27127	19.095	ug/l	99
95) Naphthalene	15.239	128	76866	20.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	35549	18.221	ug/l	99

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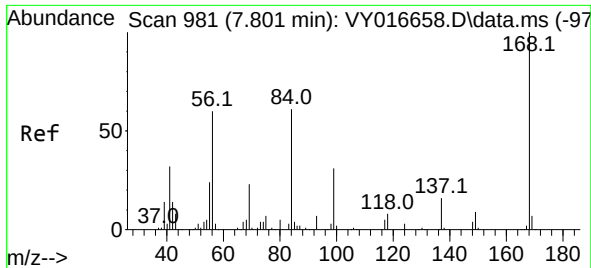
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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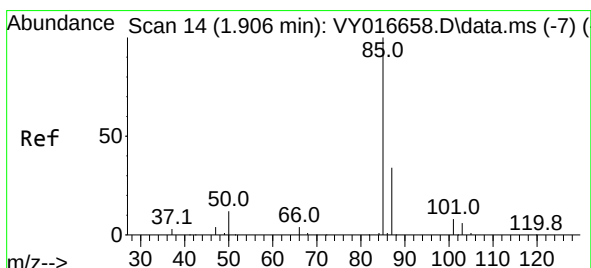
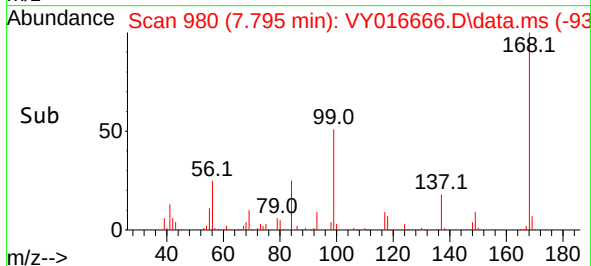
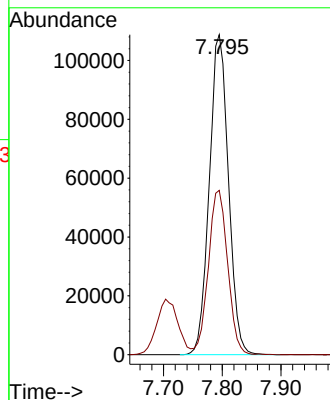
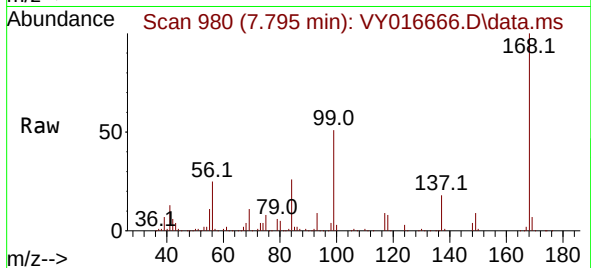
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016666.D
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Tgt Ion:168 Resp: 245890
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0

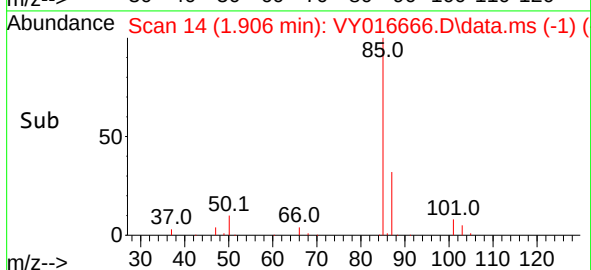
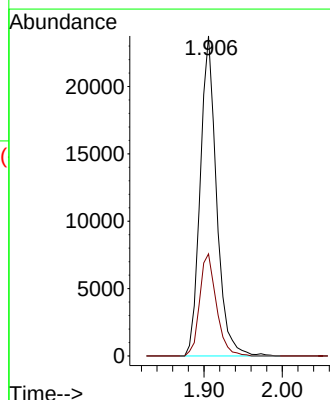
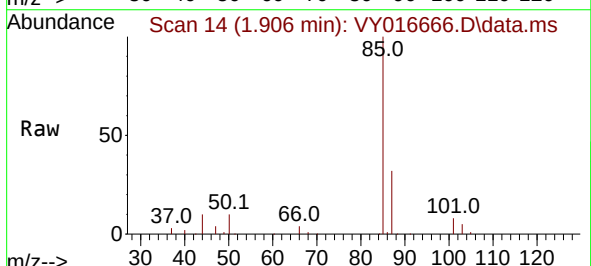
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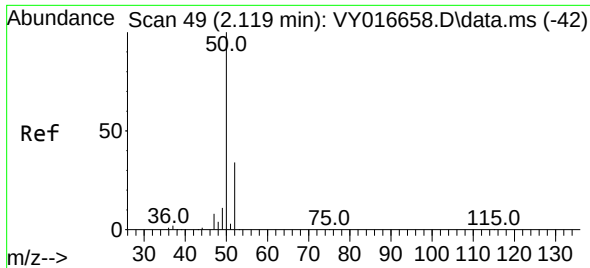
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#2
Dichlorodifluoromethane
Concen: 18.000 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 85 Resp: 34495
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8





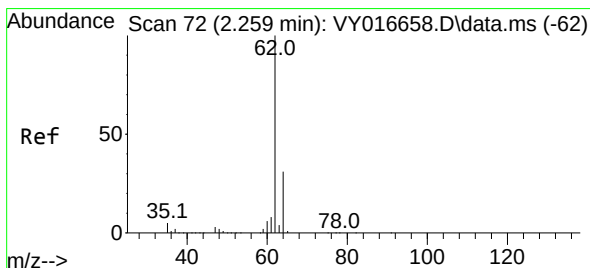
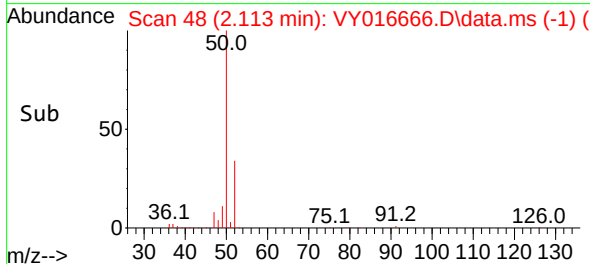
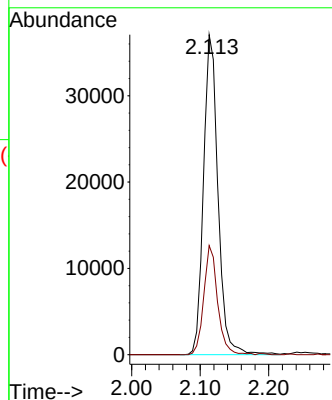
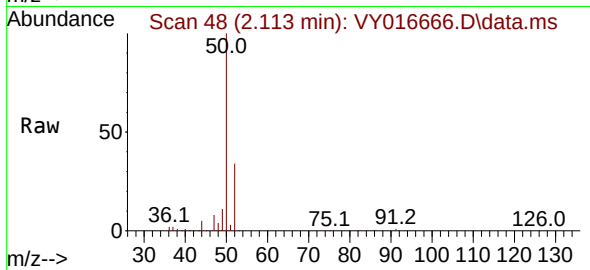
#3
Chloromethane
Concen: 18.306 ug/l
RT: 2.113 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
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ClientSampleId :
VY1216SBS02

Tgt Ion: 50 Resp: 54670
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2

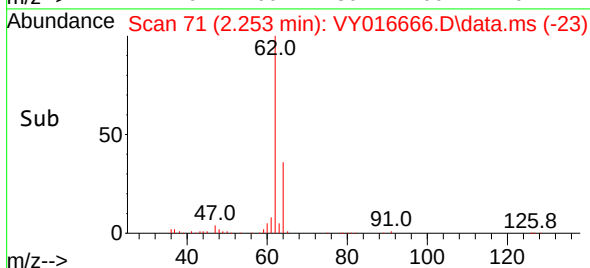
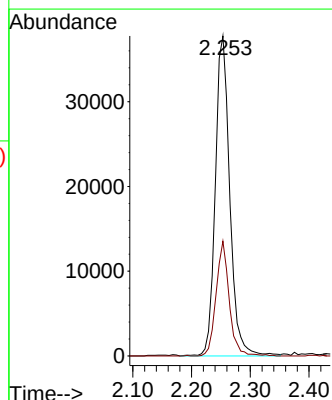
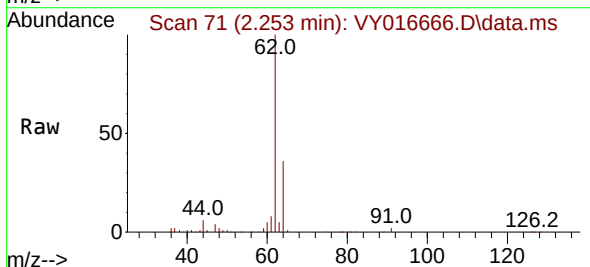
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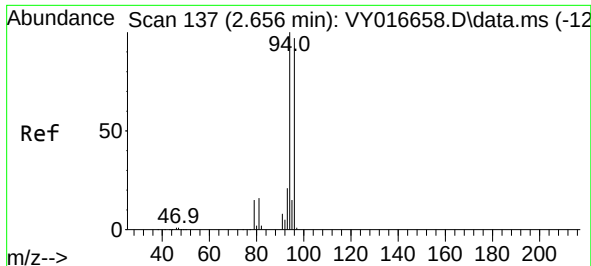
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#4
Vinyl Chloride
Concen: 18.862 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

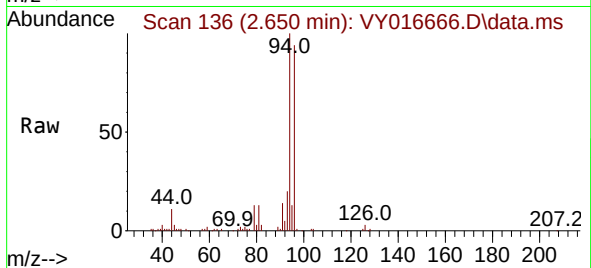
Tgt Ion: 62 Resp: 64665
Ion Ratio Lower Upper
62 100
64 35.8 24.3 36.5





#5
Bromomethane
Concen: 19.418 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

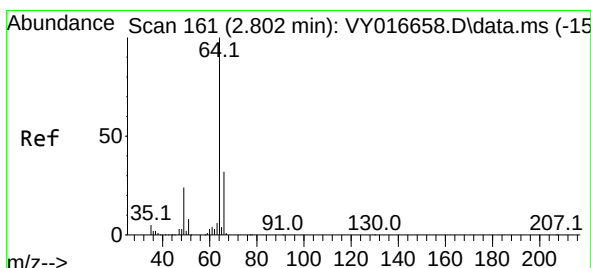
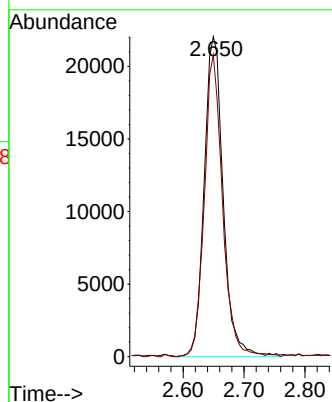
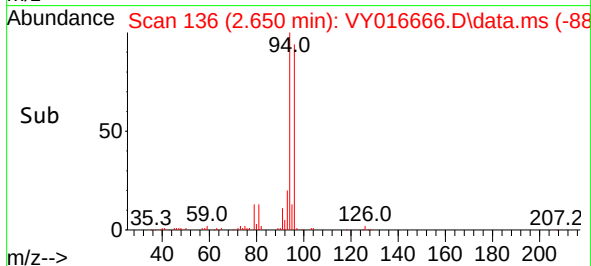
Instrument :
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Tgt Ion: 94 Resp: 4764
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6

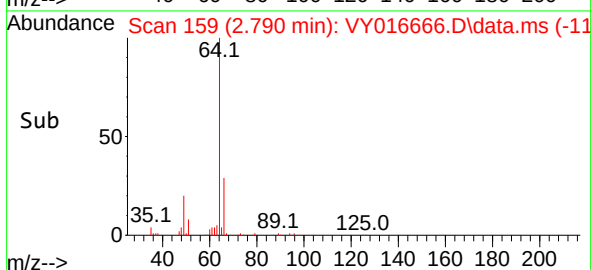
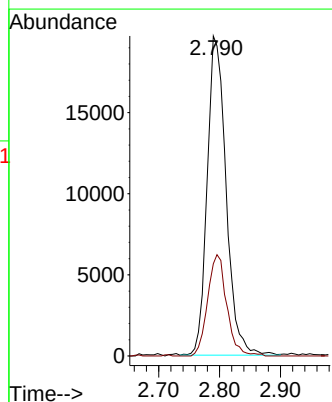
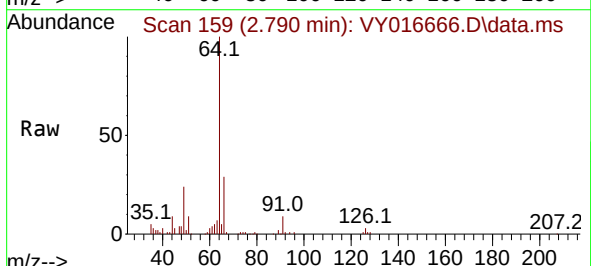
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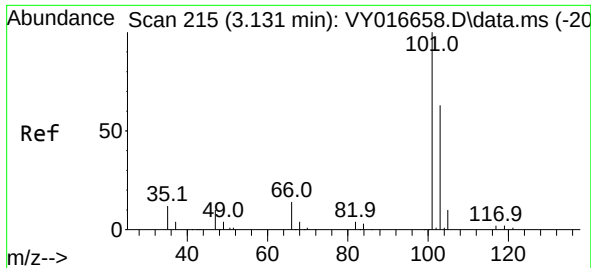
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#6
Chloroethane
Concen: 19.020 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 64 Resp: 42412
Ion Ratio Lower Upper
64 100
66 28.9 24.4 36.6





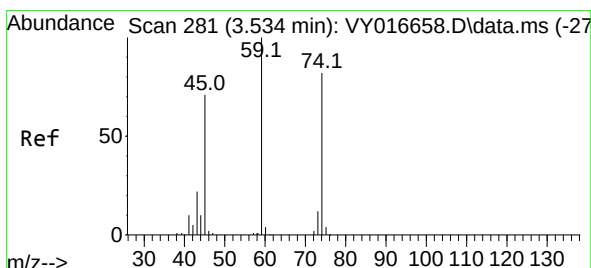
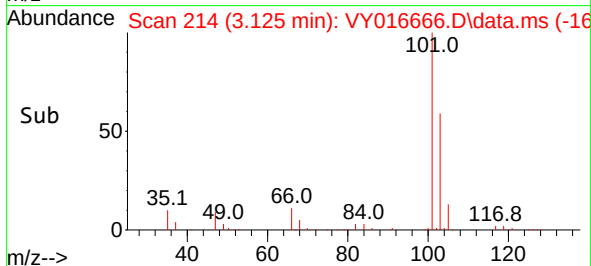
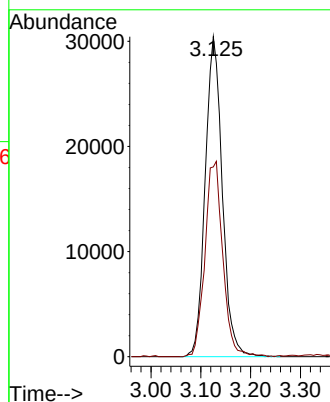
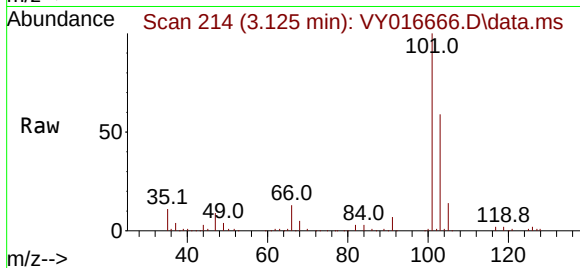
#7
Trichlorofluoromethane
Concen: 18.945 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion:101 Resp: 7254
Ion Ratio Lower Upper
101 100
103 59.3 51.4 77.0

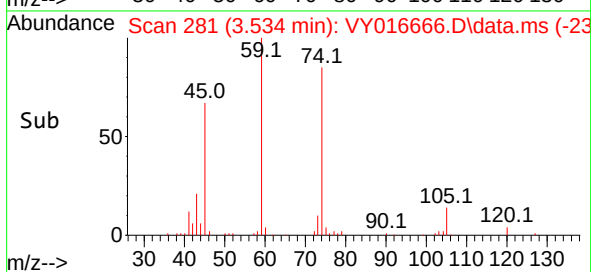
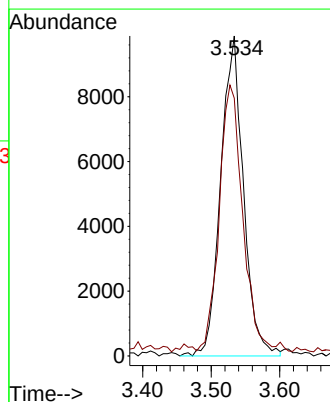
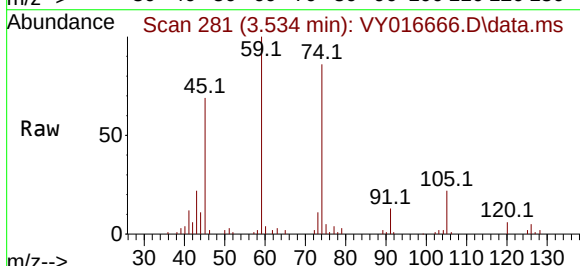
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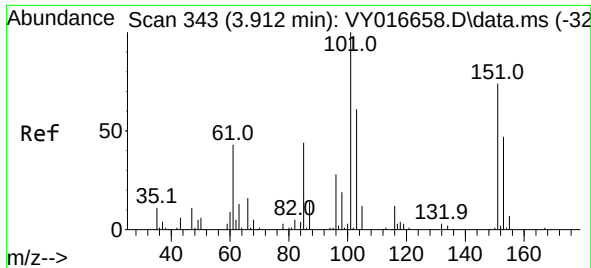
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#8
Diethyl Ether
Concen: 19.006 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 74 Resp: 22733
Ion Ratio Lower Upper
74 100
45 85.0 51.5 154.5





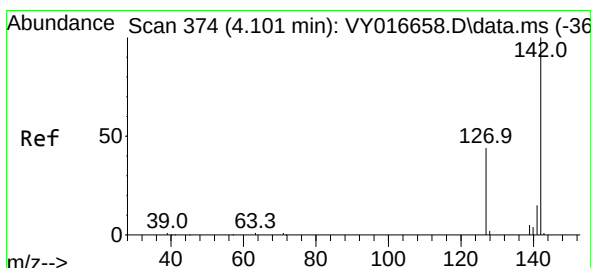
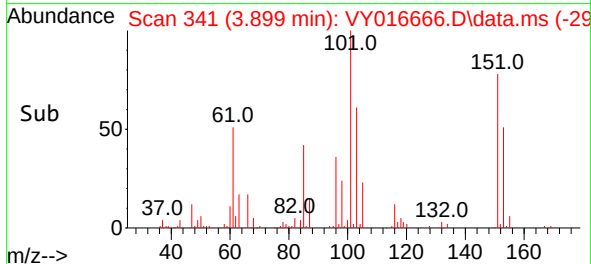
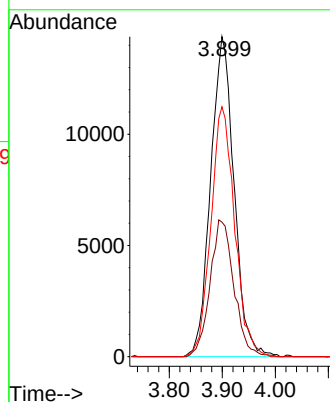
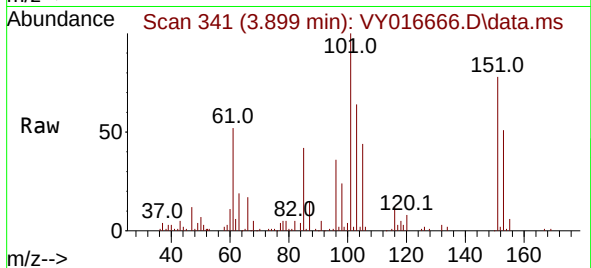
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.651 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion:101 Resp: 4416
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 79.2 67.0 100.6

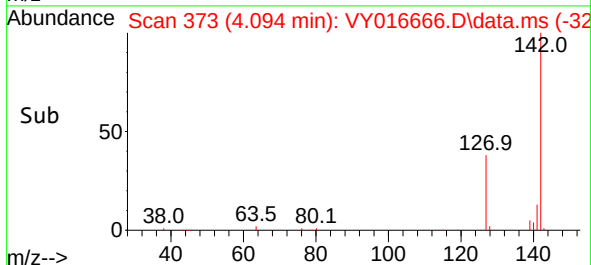
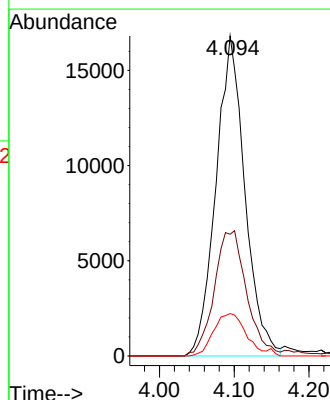
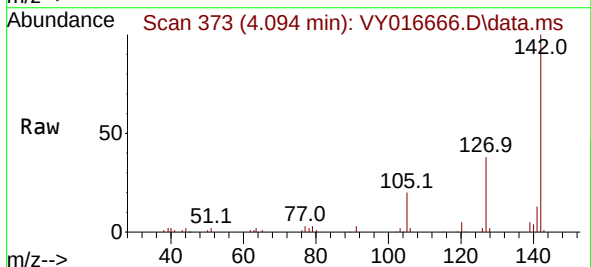
Manual Integrations
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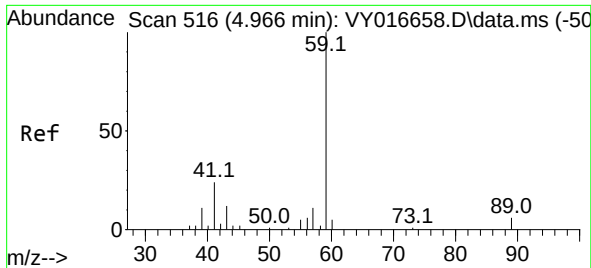
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
Methyl Iodide
Concen: 18.370 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:142 Resp: 45277
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 15.1 11.8 17.8





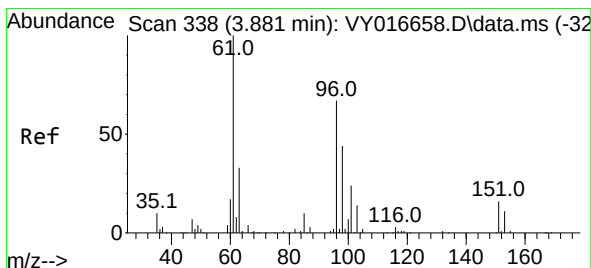
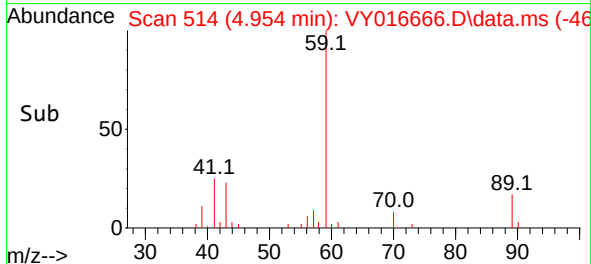
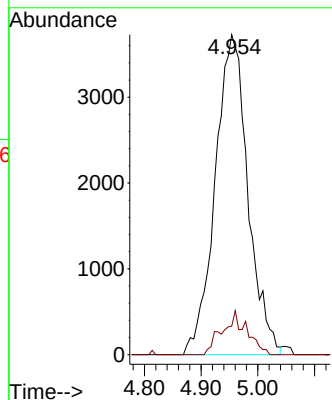
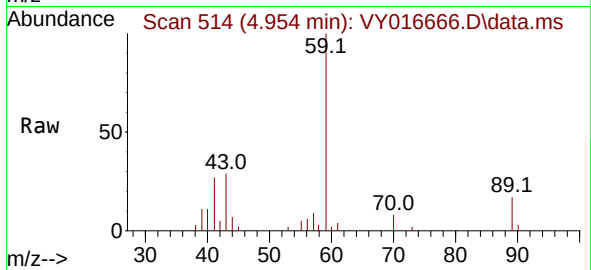
#11
Tert butyl alcohol
Concen: 92.168 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 59 Resp: 1495
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.4

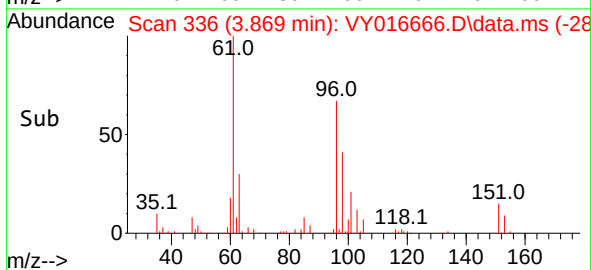
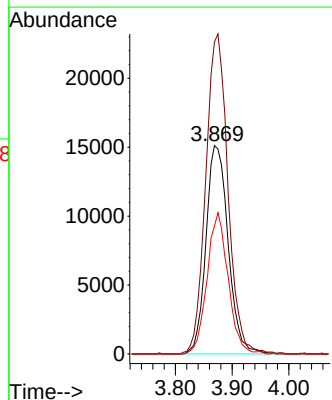
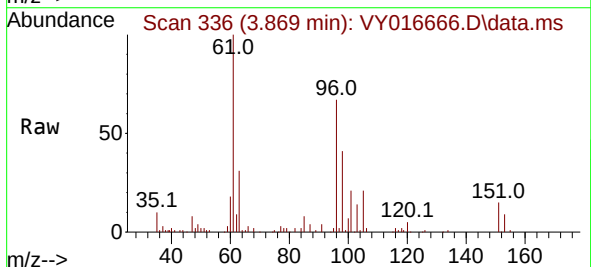
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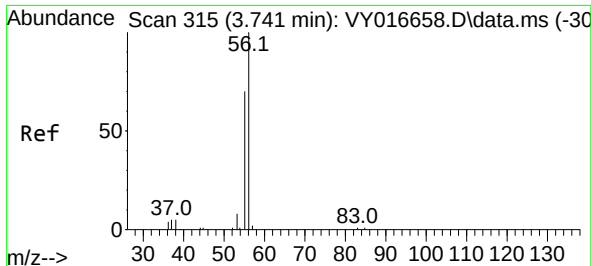
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#12
1,1-Dichloroethene
Concen: 18.404 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 96 Resp: 41088
Ion Ratio Lower Upper
96 100
61 149.8 136.4 204.6
98 61.4 49.4 74.2





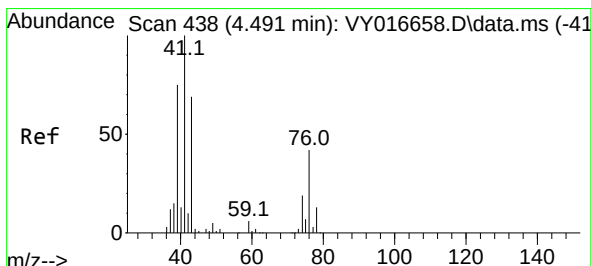
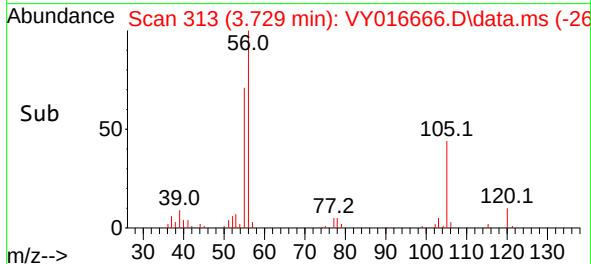
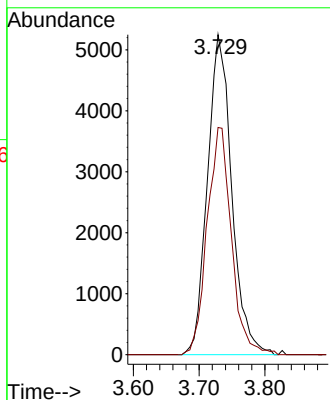
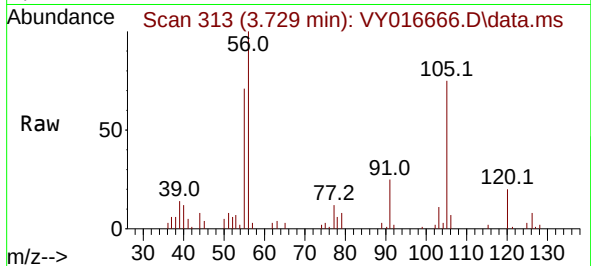
#13
Acrolein
Concen: 103.135 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 56 Resp: 13510
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4

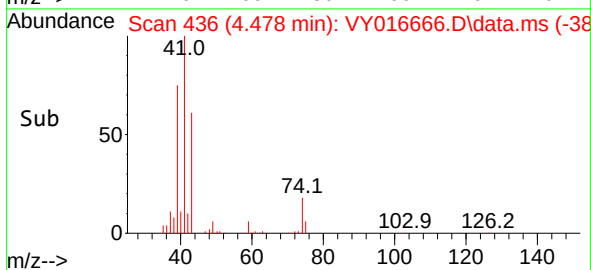
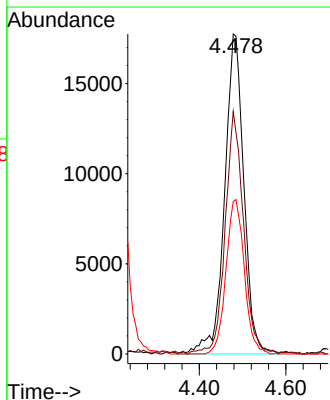
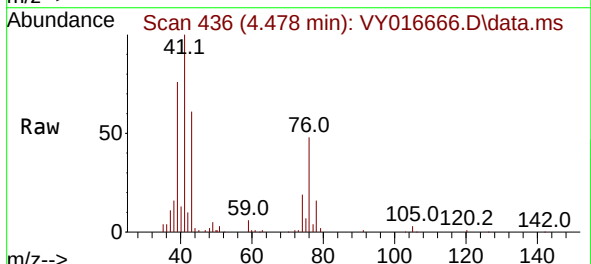
Manual Integrations
APPROVED

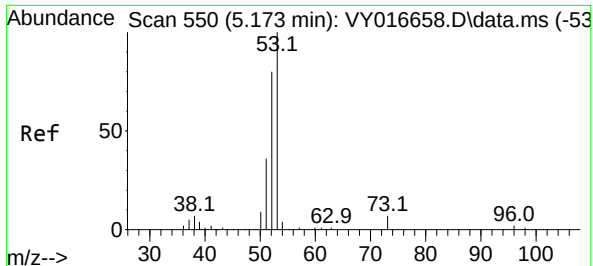
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#14
Allyl chloride
Concen: 18.158 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 41 Resp: 54961
Ion Ratio Lower Upper
41 100
39 72.2 58.0 87.0
76 45.9 27.4 41.2#





#15

Acrylonitrile

Concen: 89.676 ug/l

RT: 5.161 min Scan# 54

Delta R.T. -0.012 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

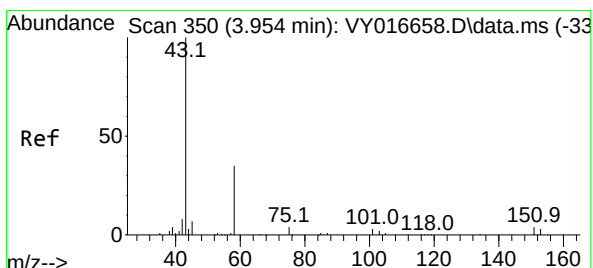
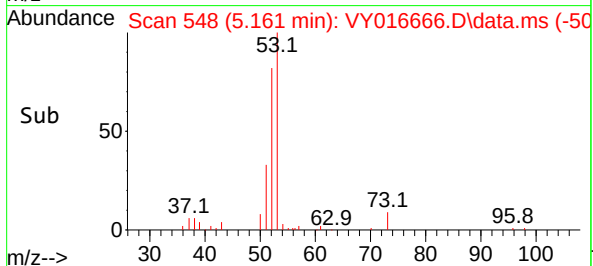
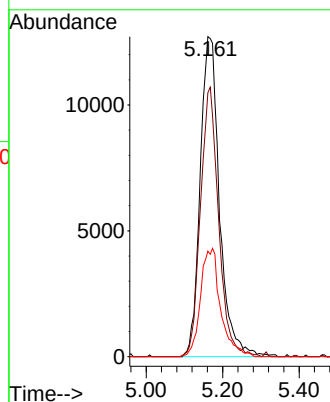
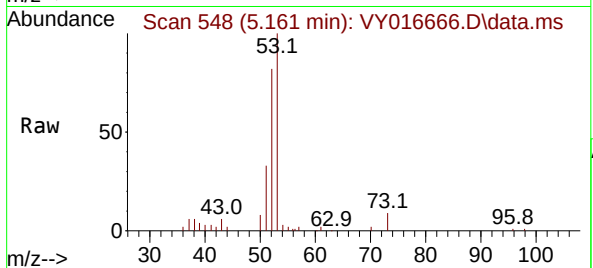
VY1216SBS02

Tgt Ion: 53	Resp: 44630
Ion Ratio	Lower Upper
53	100
52	78.9 66.9 100.3
51	35.2 29.8 44.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16

Acetone

Concen: 101.990 ug/l

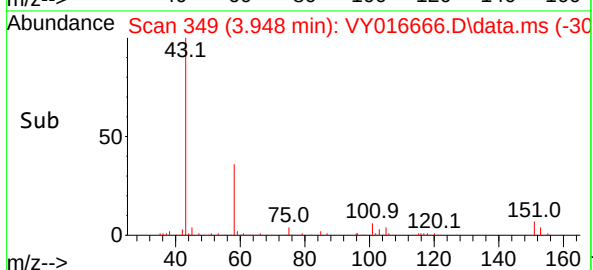
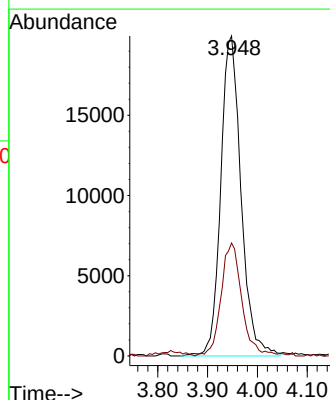
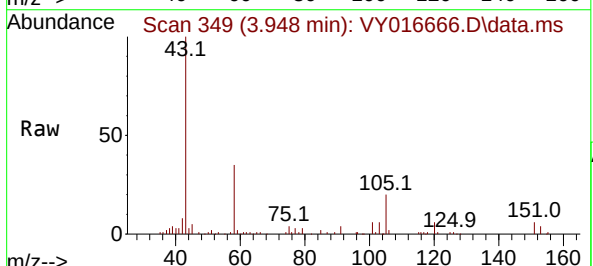
RT: 3.948 min Scan# 349

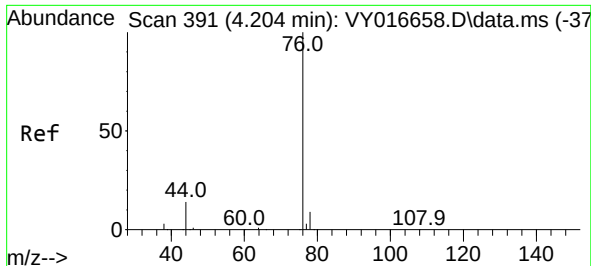
Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Tgt Ion: 43	Resp: 56371
Ion Ratio	Lower Upper
43	100
58	34.5 22.7 34.1#





#17

Carbon Disulfide

Concen: 18.247 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 76 Resp: 12884

Ion Ratio Lower Upper

76 100

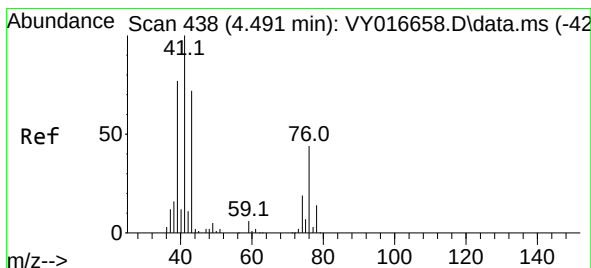
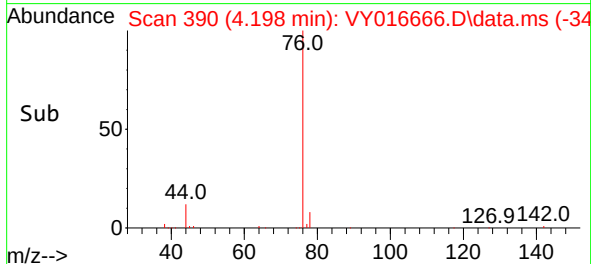
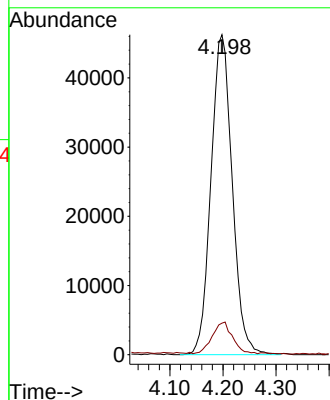
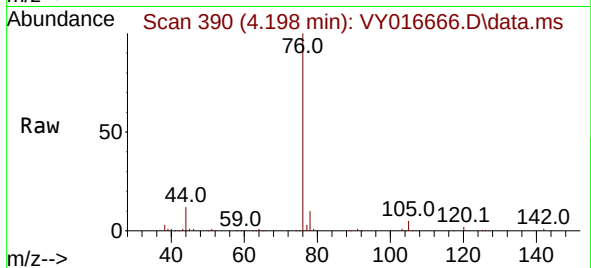
78 9.5 7.0 10.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#18

Methyl Acetate

Concen: 17.043 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY016666.D

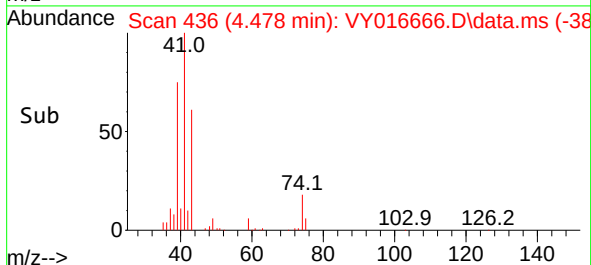
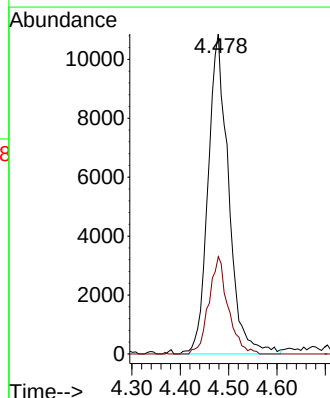
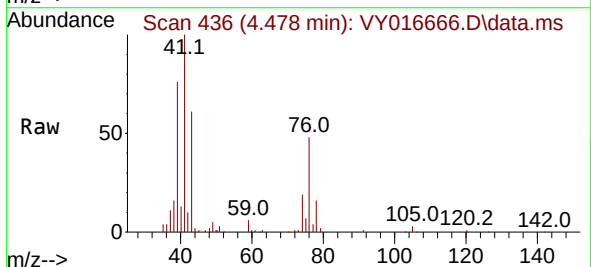
Acq: 16 Dec 2023 13:34

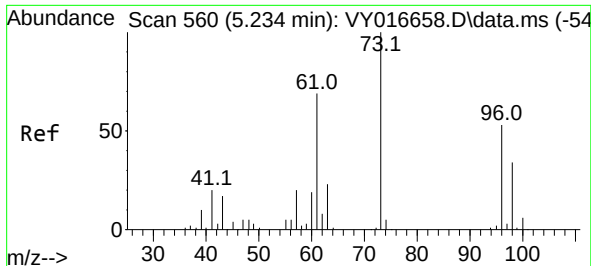
Tgt Ion: 43 Resp: 32007

Ion Ratio Lower Upper

43 100

74 28.5 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 18.462 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 73 Resp: 96639

Ion Ratio Lower Upper

73 100

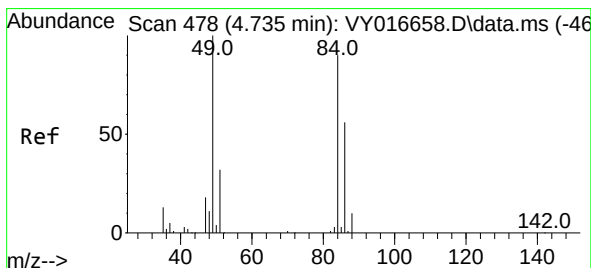
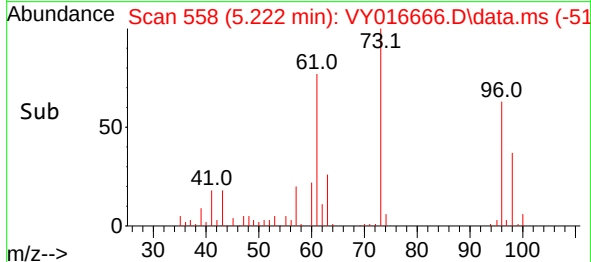
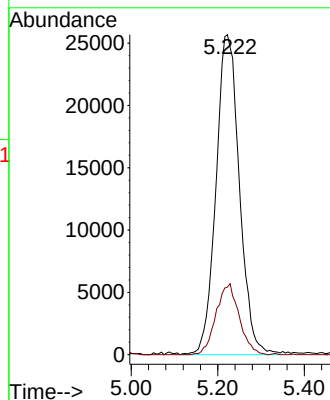
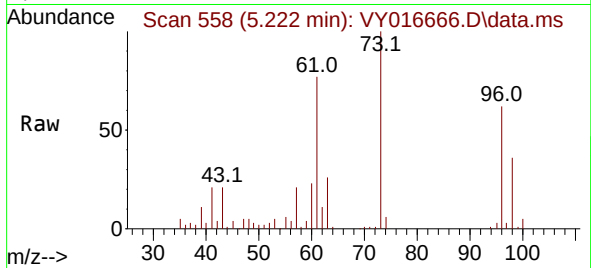
57 21.1 17.3 25.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#20

Methylene Chloride

Concen: 19.905 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.013 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Tgt Ion: 84 Resp: 58146

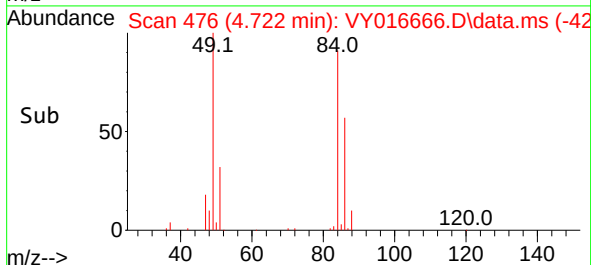
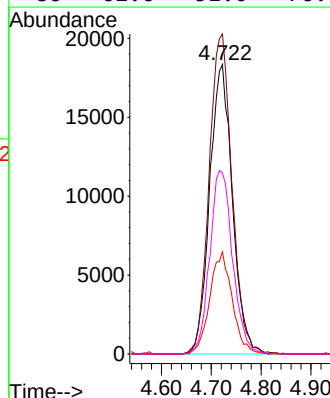
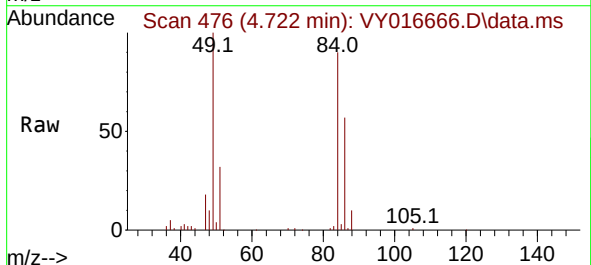
Ion Ratio Lower Upper

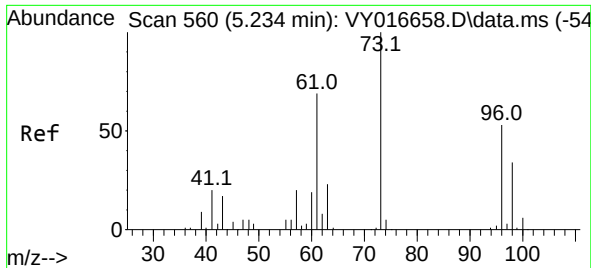
84 100

49 110.6 106.9 160.3

51 35.3 33.2 49.8

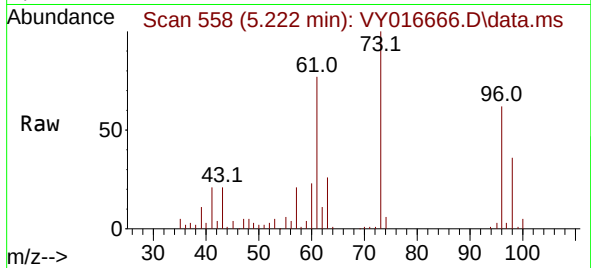
86 62.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.768 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

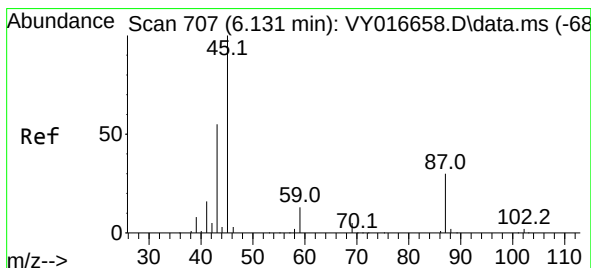
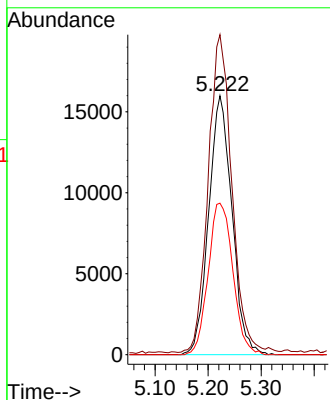
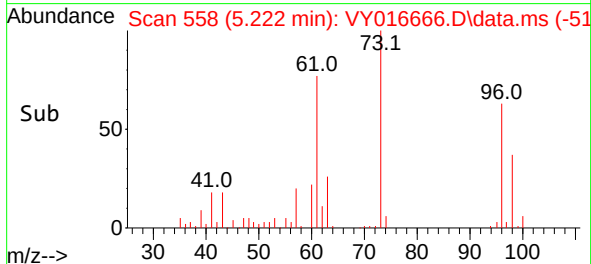
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion: 96 Resp: 4881
Ion Ratio Lower Upper
96 100
61 122.8 110.2 165.4
98 58.5 51.8 77.6

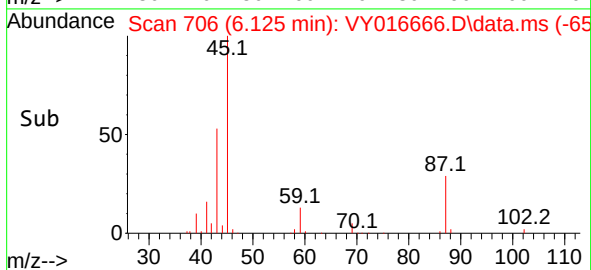
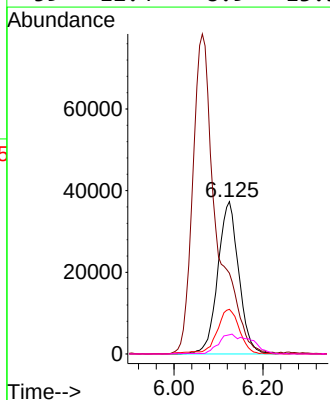
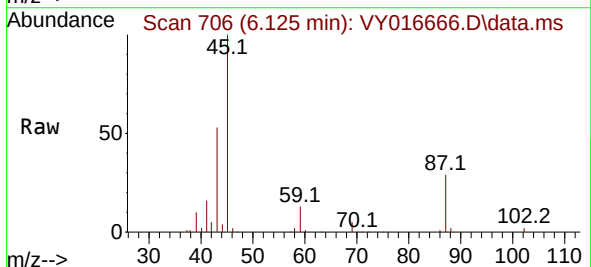
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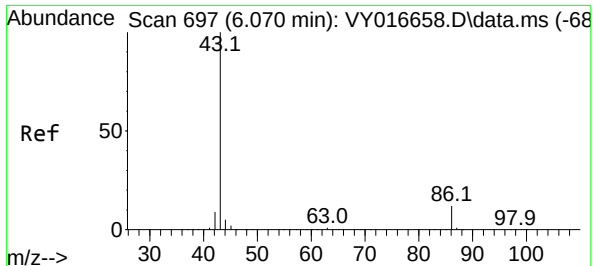
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#22
Diisopropyl ether
Concen: 18.792 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 45 Resp: 121904
Ion Ratio Lower Upper
45 100
43 52.3 52.2 78.4
87 29.2 21.0 31.6
59 12.4 8.9 13.3





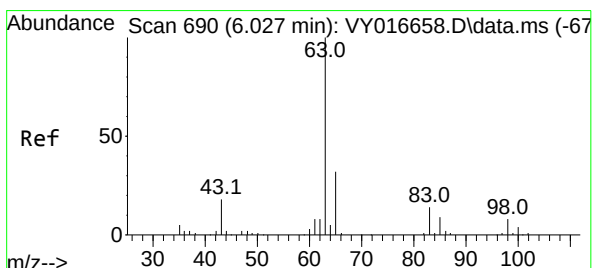
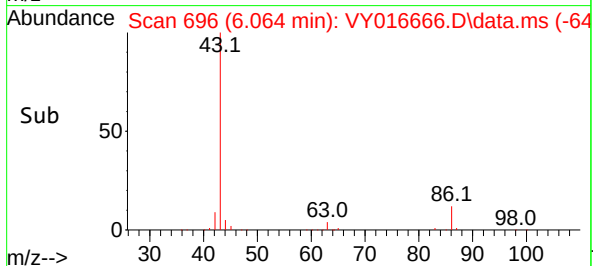
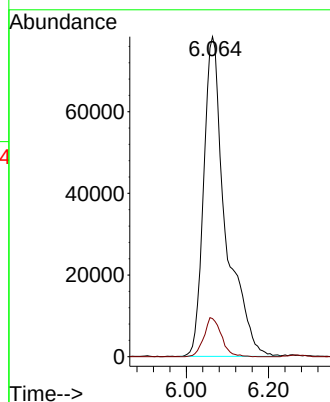
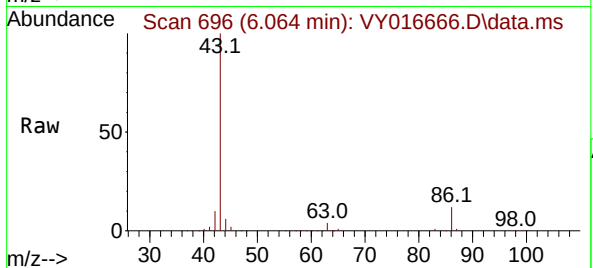
#23
 Vinyl Acetate
 Concen: 90.522 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016666.D
 Acq: 16 Dec 2023 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS02

Tgt Ion: 43 Resp: 28935
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3

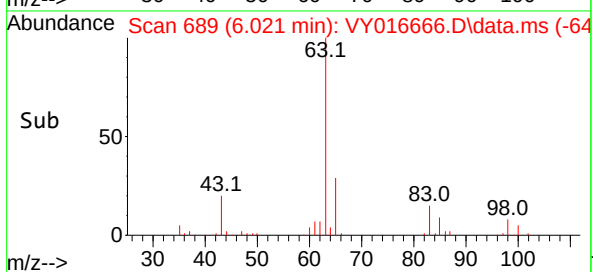
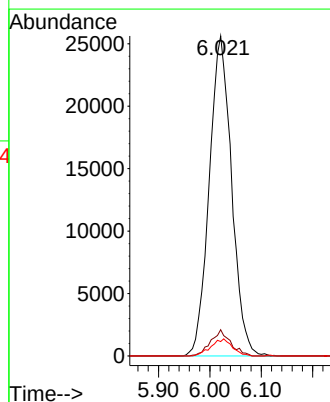
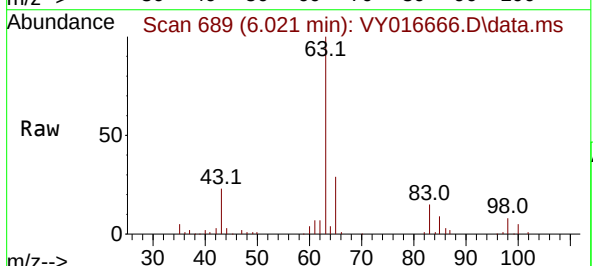
Manual Integrations
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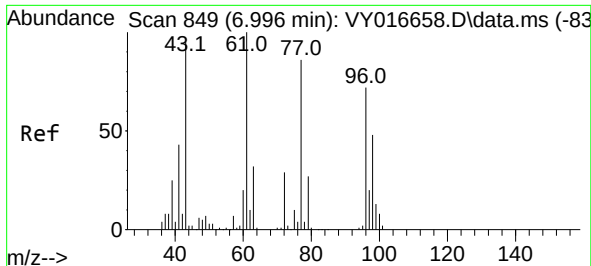
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#24
 1,1-Dichloroethane
 Concen: 18.284 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY016666.D
 Acq: 16 Dec 2023 13:34

Tgt Ion: 63 Resp: 77402
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 94.179 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 43 Resp: 6982

Ion Ratio Lower Upper

43 100

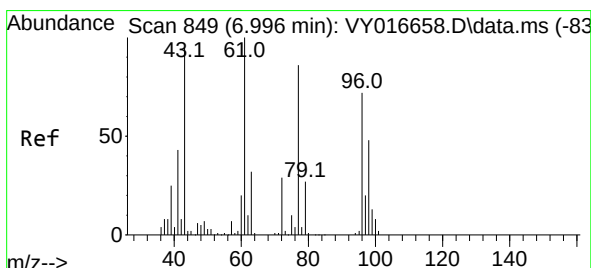
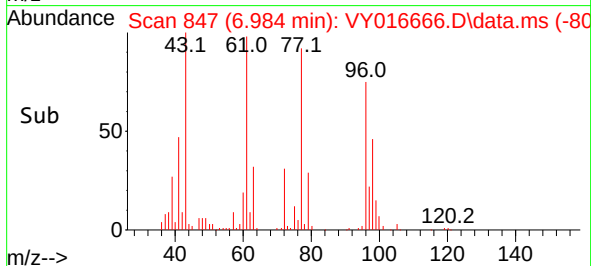
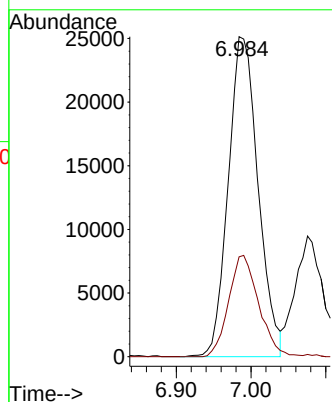
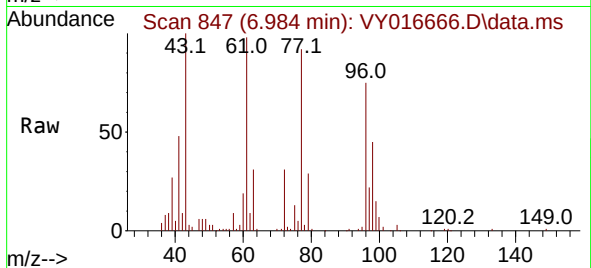
72 31.2 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#26

2,2-Dichloropropane

Concen: 19.213 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016666.D

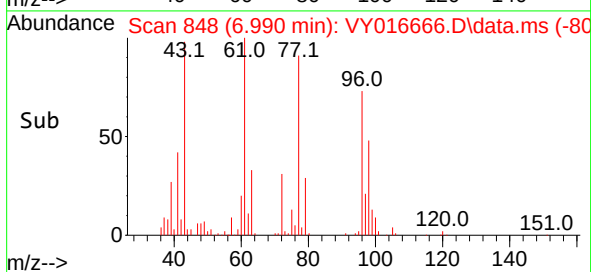
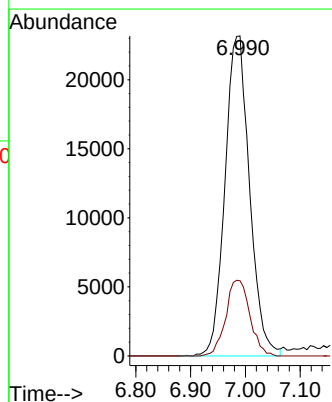
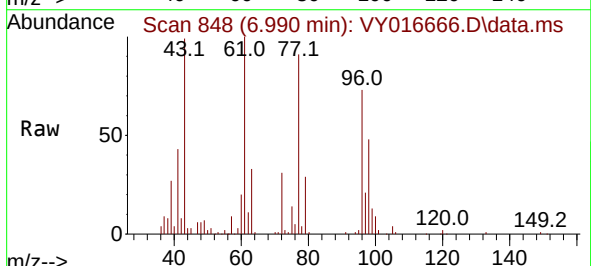
Acq: 16 Dec 2023 13:34

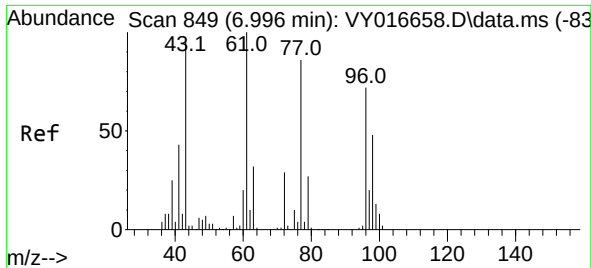
Tgt Ion: 77 Resp: 72210

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9





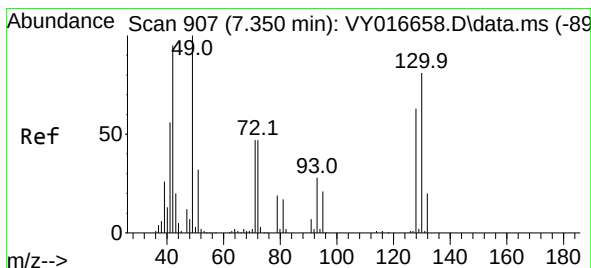
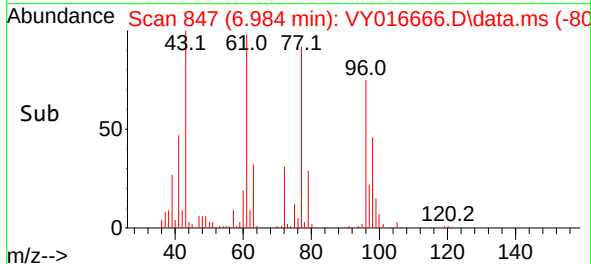
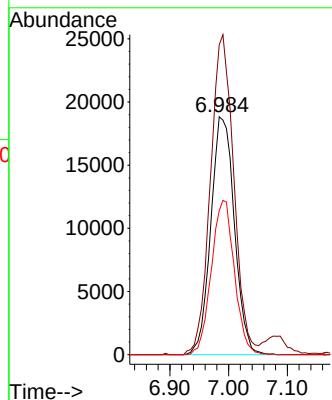
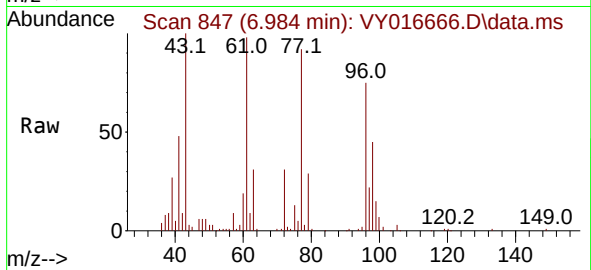
#27
cis-1,2-Dichloroethene
Concen: 18.679 ug/l
RT: 6.984 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 96 Resp: 52469
Ion Ratio Lower Upper
96 100
61 133.4 0.0 301.4
98 63.4 0.0 130.4

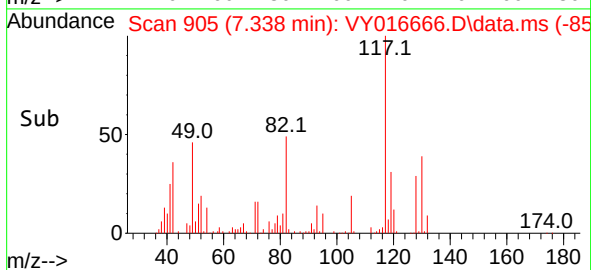
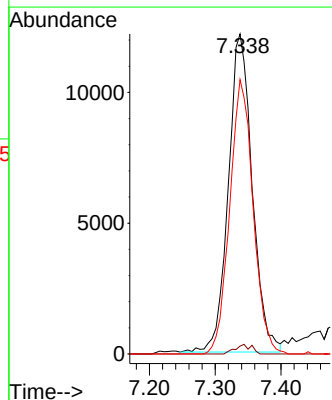
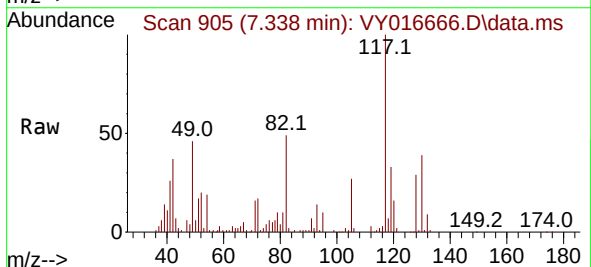
Manual Integrations
APPROVED

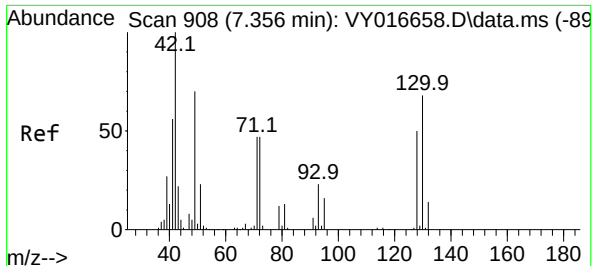
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#28
Bromochloromethane
Concen: 22.217 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 49 Resp: 30748
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 84.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 97.856 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

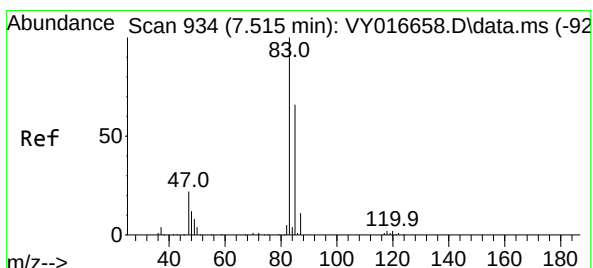
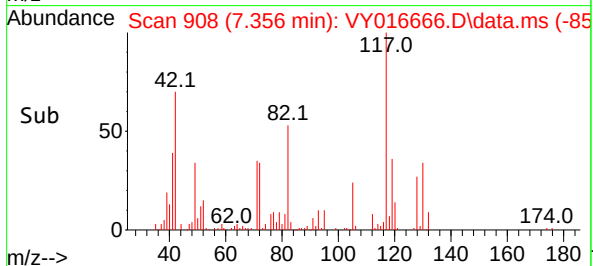
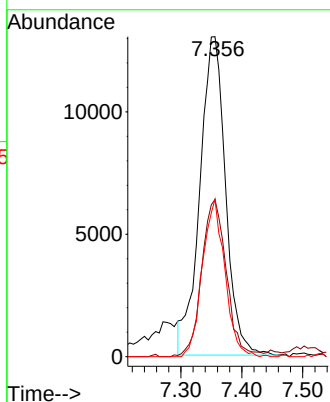
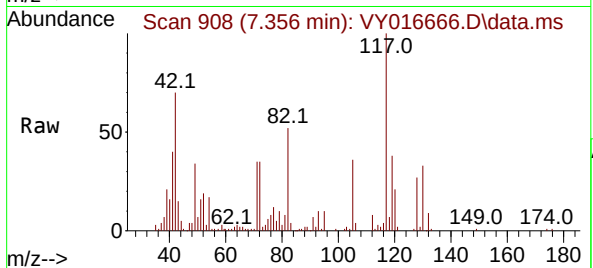
Tgt Ion: 42 Resp: 38254

Ion	Ratio	Lower	Upper
42	100		
72	47.4	32.8	49.2
71	43.1	31.0	46.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#30

Chloroform

Concen: 19.050 ug/l

RT: 7.508 min Scan# 933

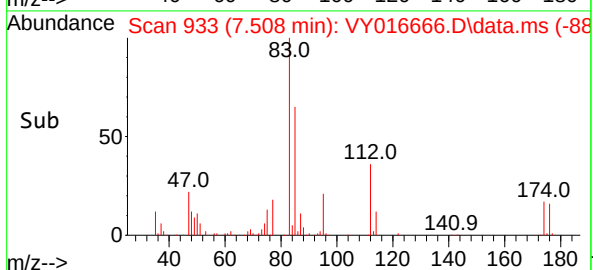
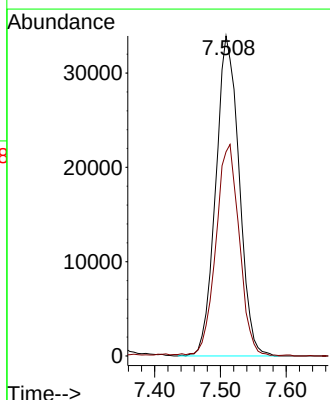
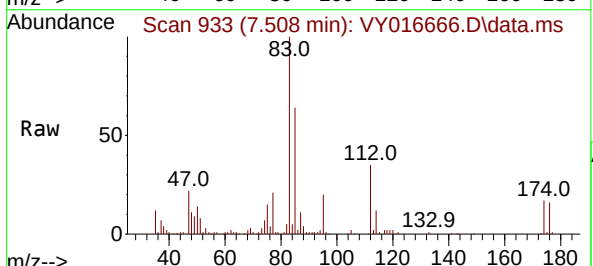
Delta R.T. -0.006 min

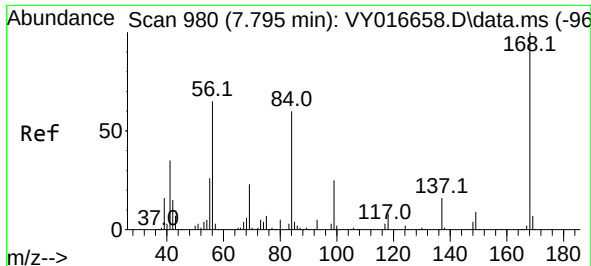
Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Tgt Ion: 83 Resp: 83870

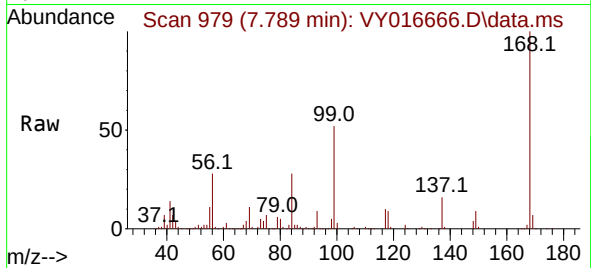
Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.7	74.5





#31
Cyclohexane
Concen: 18.452 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

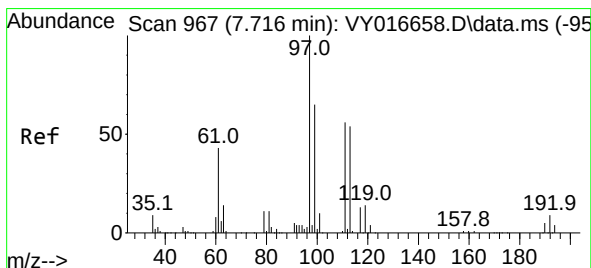
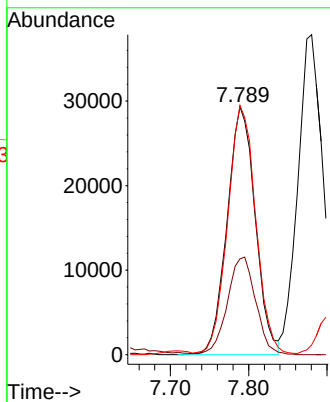
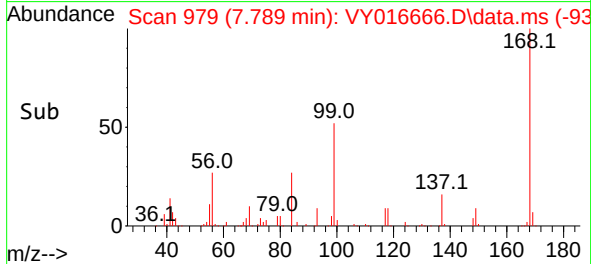
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



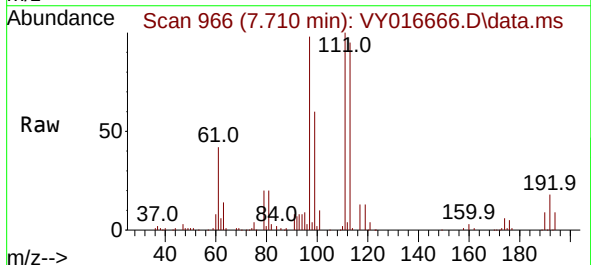
Tgt Ion: 56 Resp: 7325
Ion Ratio Lower Upper
56 100
69 37.7 27.8 41.6
84 99.0 66.4 99.6

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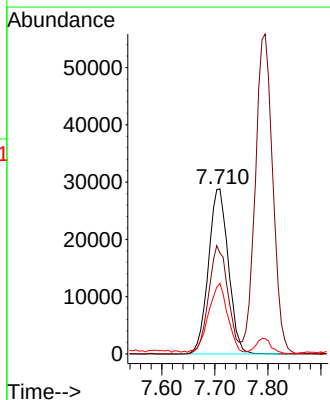
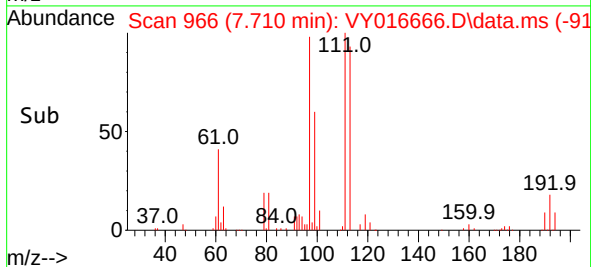
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

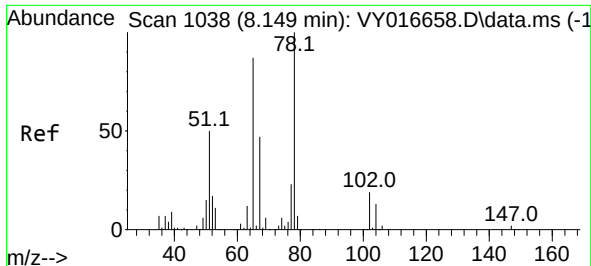


#32
1,1,1-Trichloroethane
Concen: 19.026 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34



Tgt Ion: 97 Resp: 75148
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 40.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 41.946 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 65 Resp: 8419

Ion Ratio Lower Upper

65 100

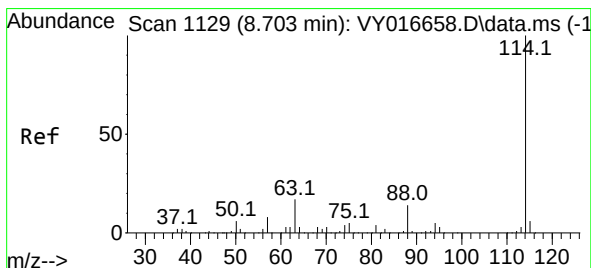
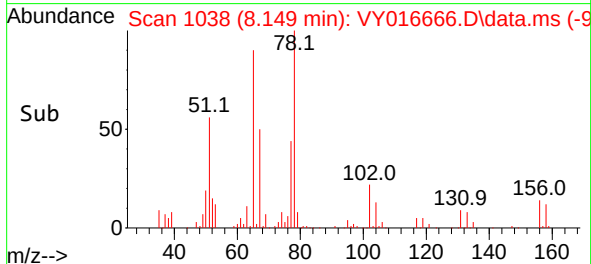
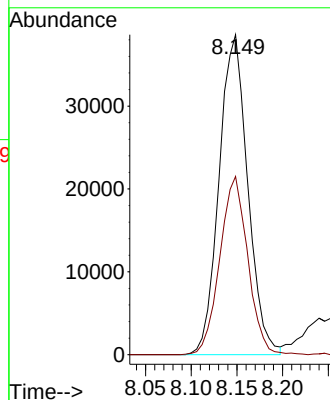
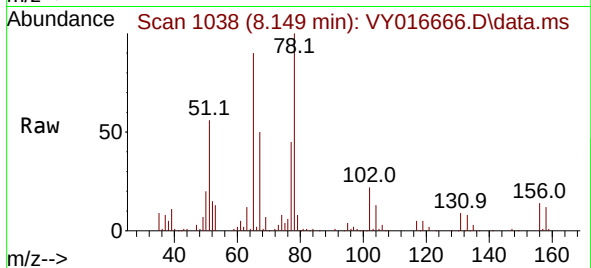
67 54.4 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

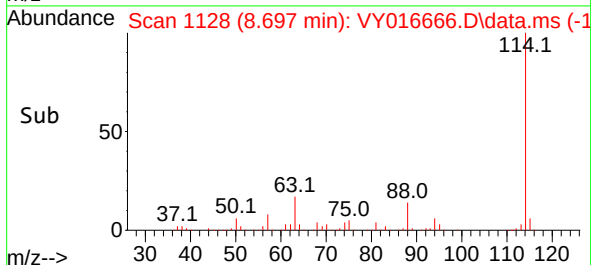
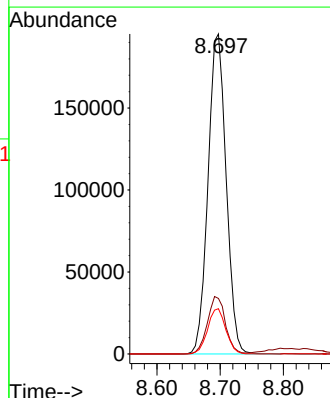
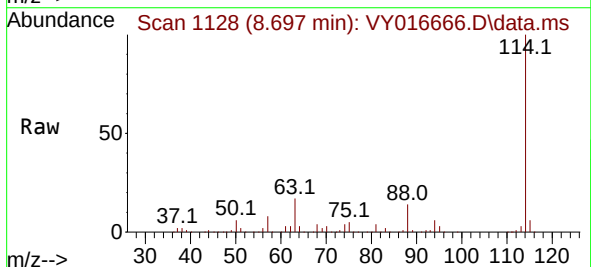
Tgt Ion:114 Resp: 388988

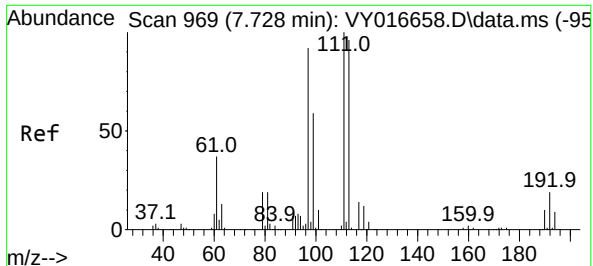
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

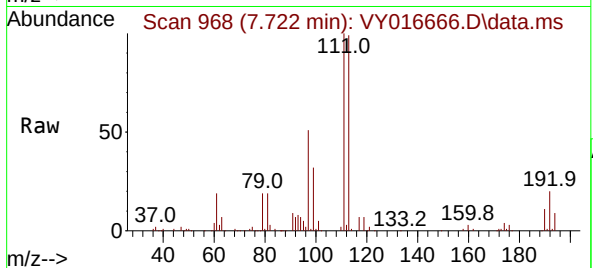
88 14.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 43.694 ug/l
RT: 7.722 min Scan# 91168
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

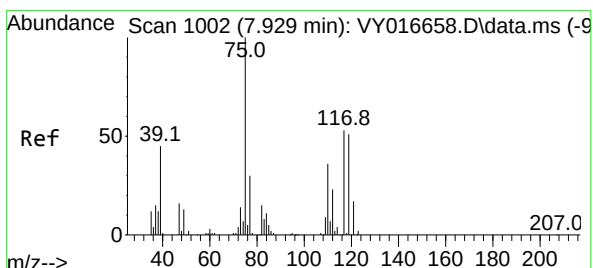
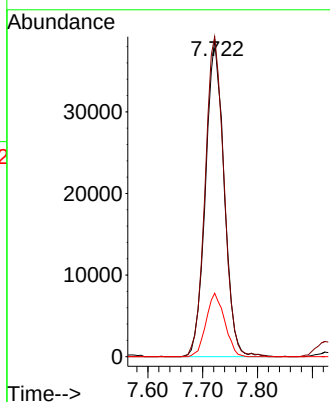
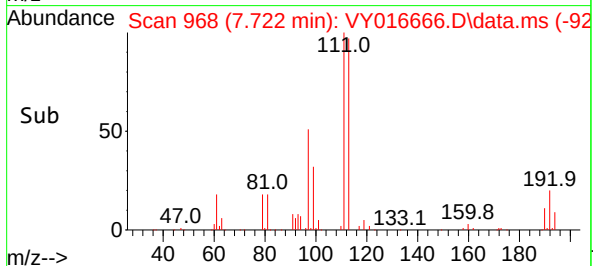
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



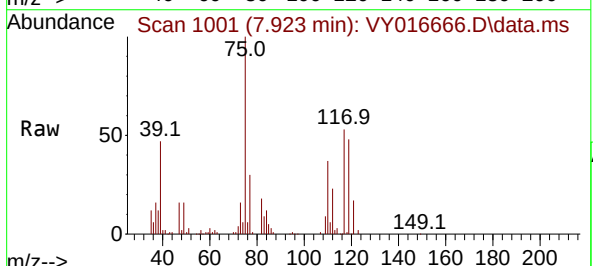
Tgt Ion:113 Resp: 91168
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 20.0 16.9 25.3

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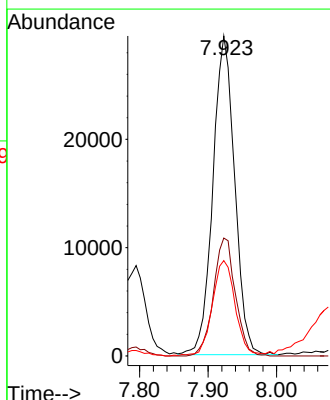
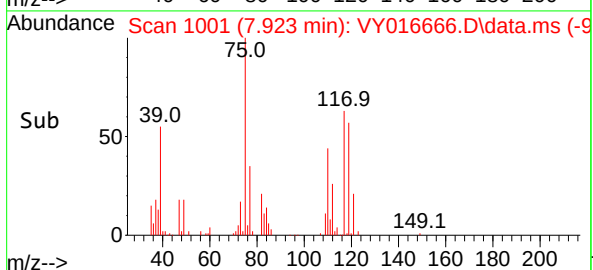
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

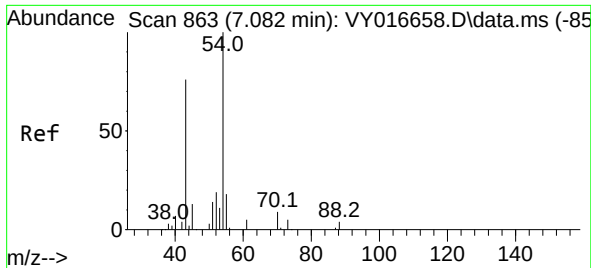


#36
1,1-Dichloropropene
Concen: 18.792 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34



Tgt Ion: 75 Resp: 64943
Ion Ratio Lower Upper
75 100
110 37.2 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 17.684 ug/l

RT: 7.076 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

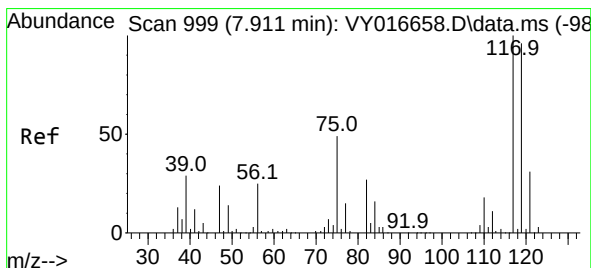
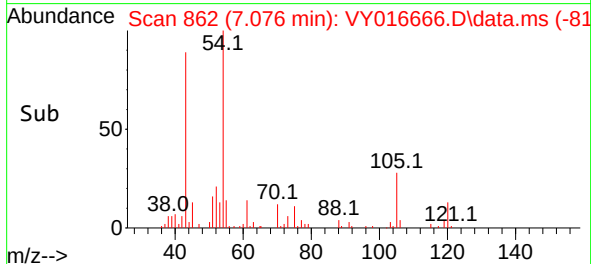
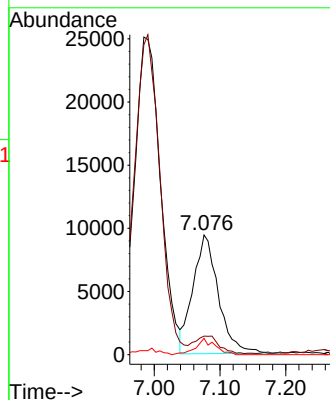
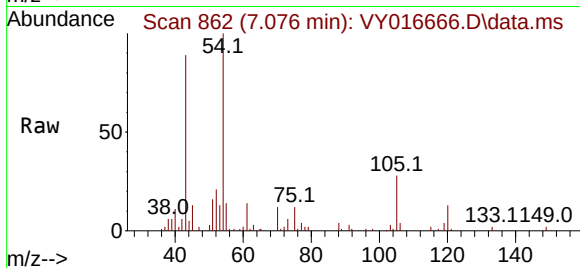
VY1216SBS02

Tgt Ion: 43	Resp: 2518
Ion Ratio	Lower Upper
43 100	
61 14.0	10.1 15.1
70 10.4	7.1 10.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#38

Carbon Tetrachloride

Concen: 19.218 ug/l

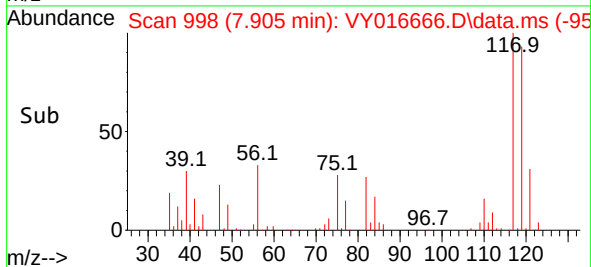
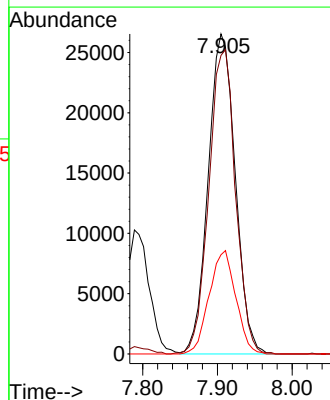
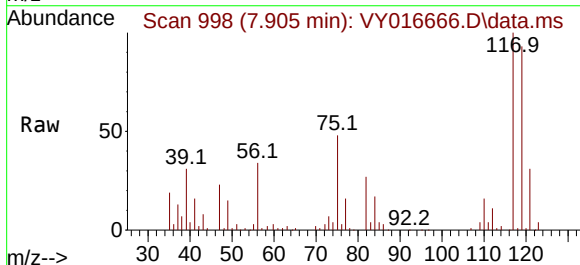
RT: 7.905 min Scan# 998

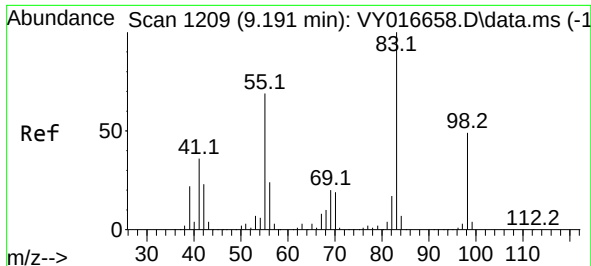
Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

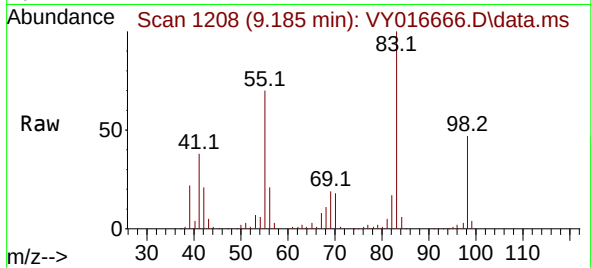
Tgt Ion:117	Resp: 66710
Ion Ratio	Lower Upper
117 100	
119 93.3	76.4 114.6
121 31.0	25.8 38.6





#39
Methylcyclohexane
Concen: 18.879 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

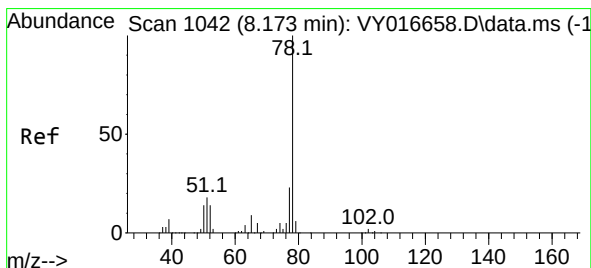
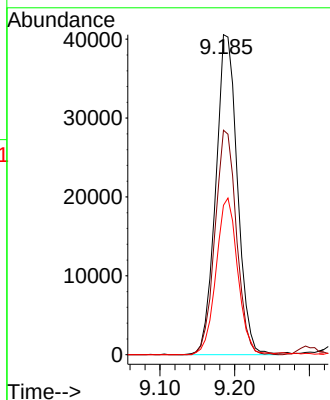
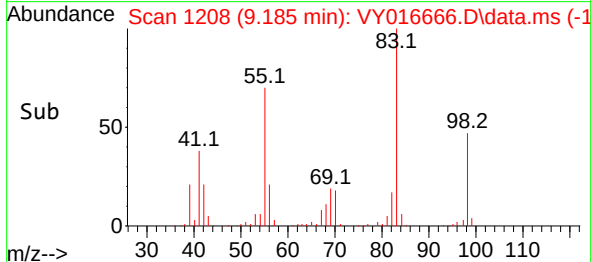
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion: 83 Resp: 8200
Ion Ratio Lower Upper
83 100
55 70.2 63.0 94.4
98 46.7 37.4 56.2

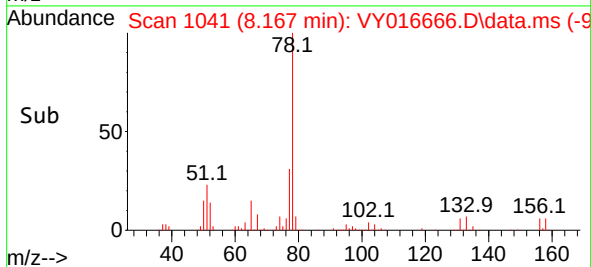
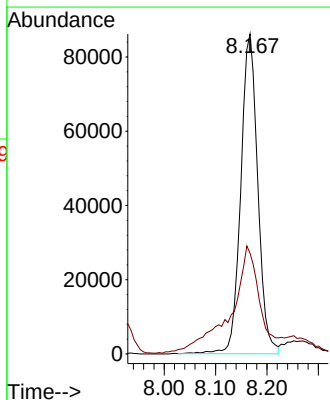
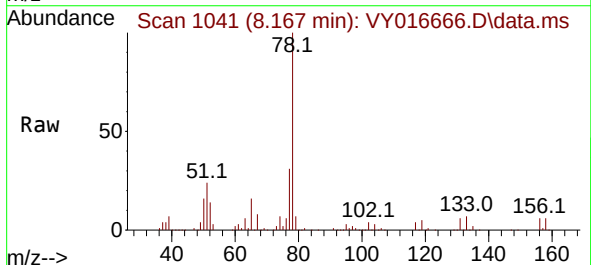
Manual Integrations
APPROVED

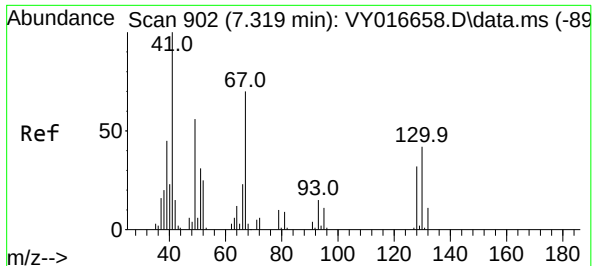
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#40
Benzene
Concen: 19.556 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

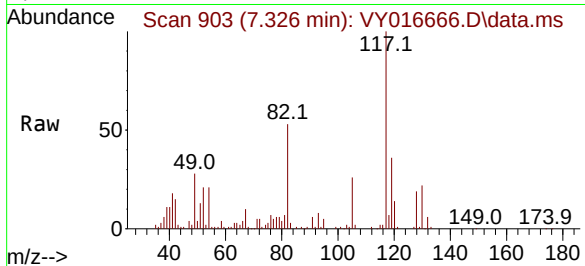
Tgt Ion: 78 Resp: 198079
Ion Ratio Lower Upper
78 100
77 30.1 19.0 28.6#





#41
Methacrylonitrile
Concen: 19.223 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

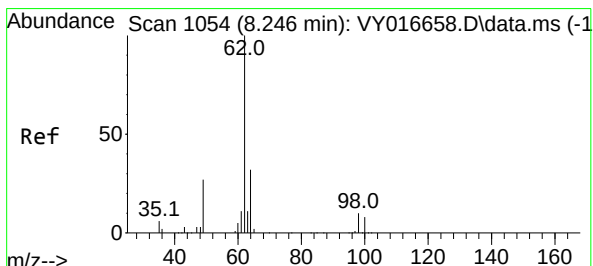
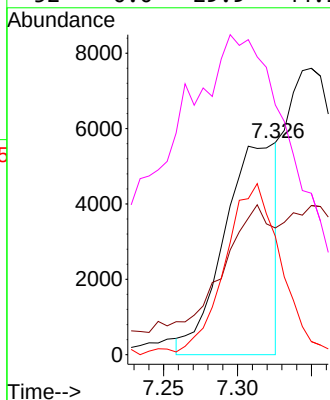
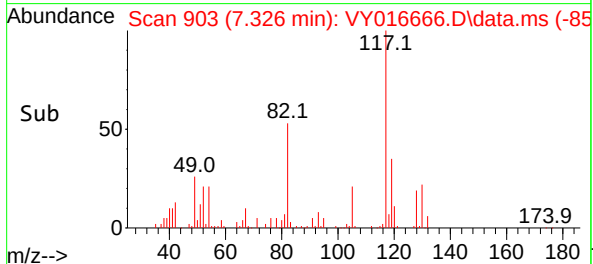
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion: 41 Resp: 13790
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

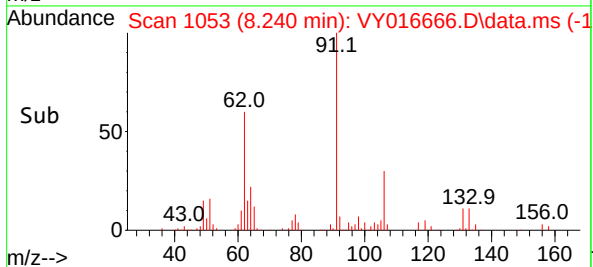
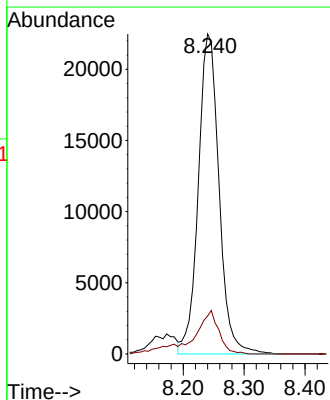
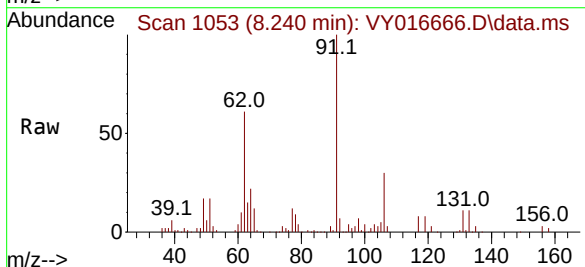
Manual Integrations
APPROVED

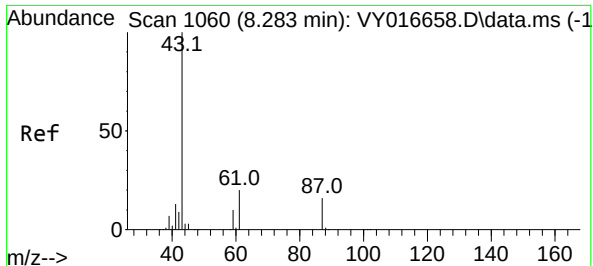
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#42
1,2-Dichloroethane
Concen: 20.538 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

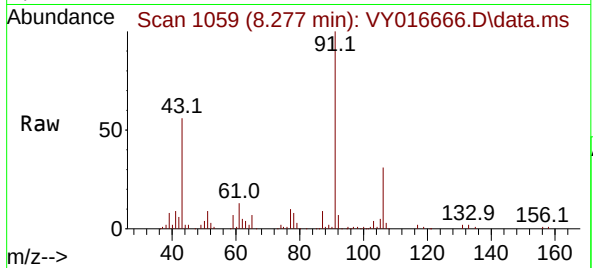
Tgt Ion: 62 Resp: 53168
Ion Ratio Lower Upper
62 100
98 13.2 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.332 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

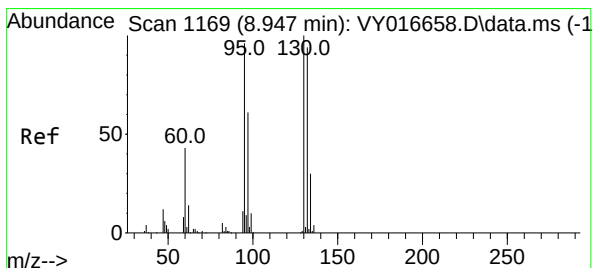
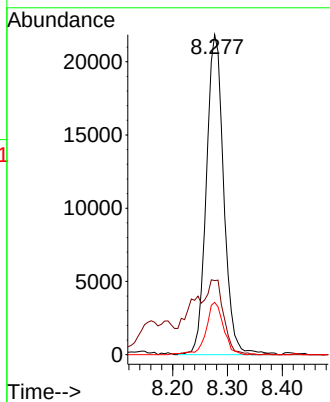
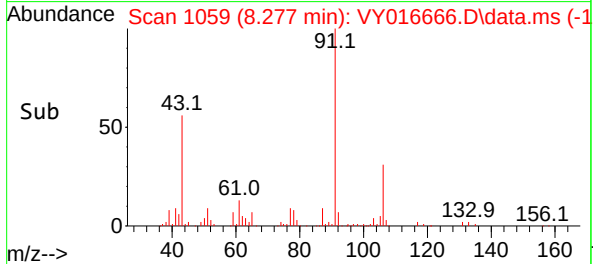
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion: 43 Resp: 4798
Ion Ratio Lower Upper
43 100
61 21.4 21.1 31.7
87 16.5 9.8 14.8

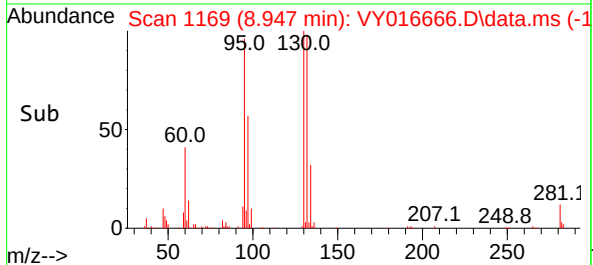
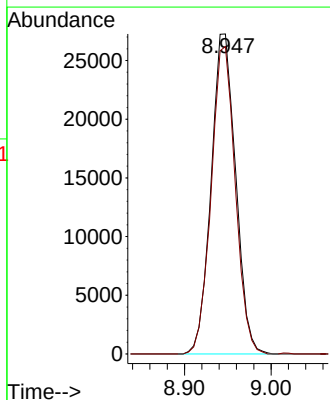
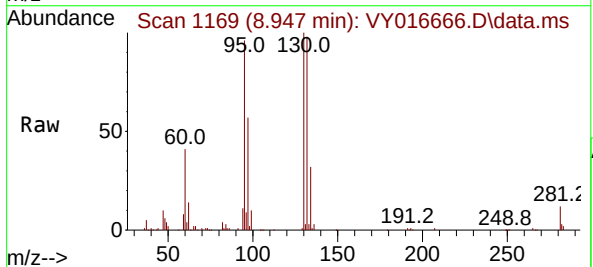
Manual Integrations
APPROVED

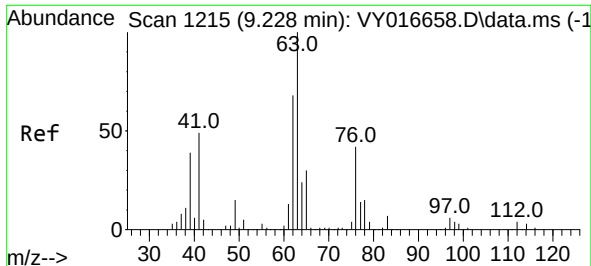
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#44
Trichloroethene
Concen: 19.061 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

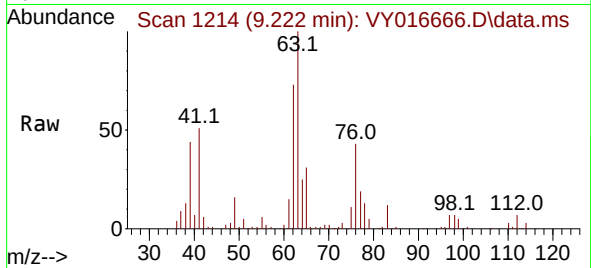
Tgt Ion:130 Resp: 53770
Ion Ratio Lower Upper
130 100
95 96.0 0.0 196.0





#45
1,2-Dichloropropane
Concen: 19.930 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

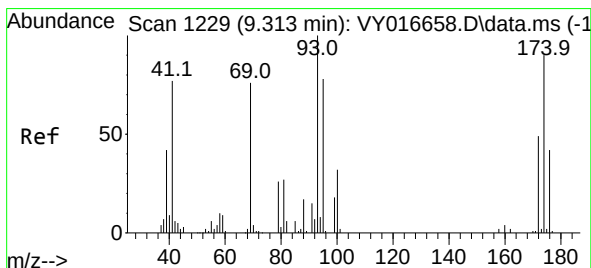
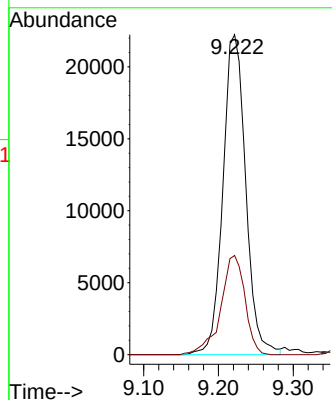
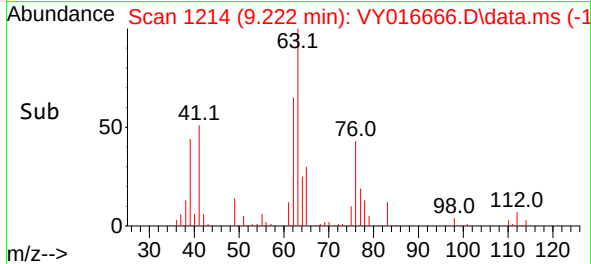
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion: 63 Resp: 47158
Ion Ratio Lower Upper
63 100
65 31.0 23.8 35.6

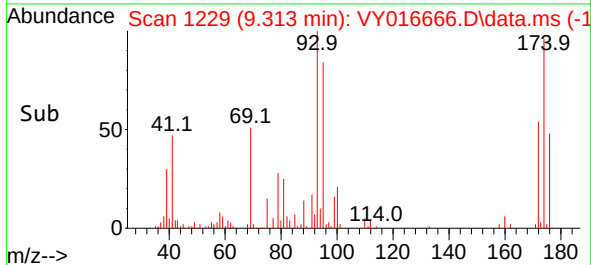
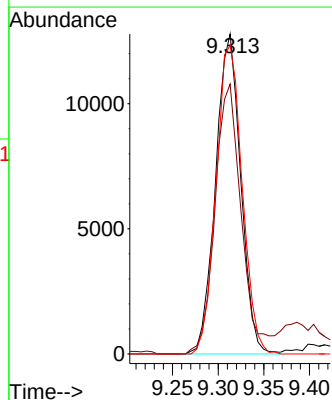
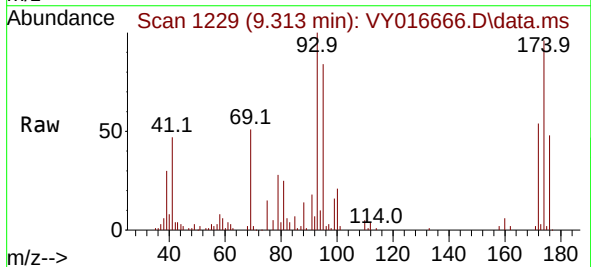
Manual Integrations
APPROVED

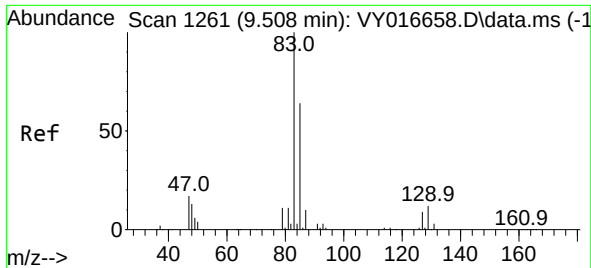
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#46
Dibromomethane
Concen: 18.642 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 93 Resp: 24394
Ion Ratio Lower Upper
93 100
95 88.1 66.6 100.0
174 100.3 84.8 127.2





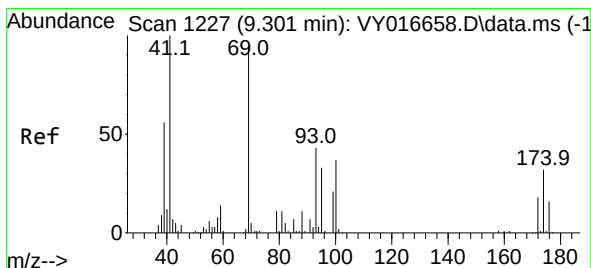
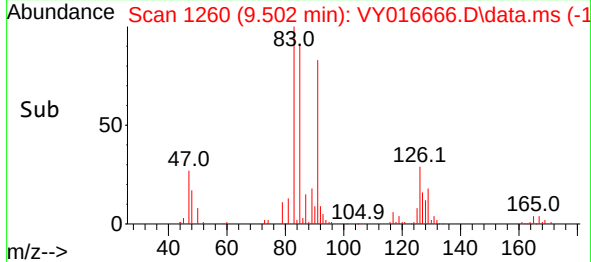
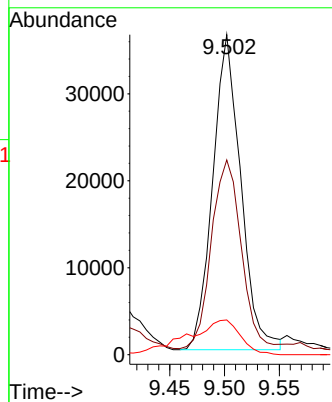
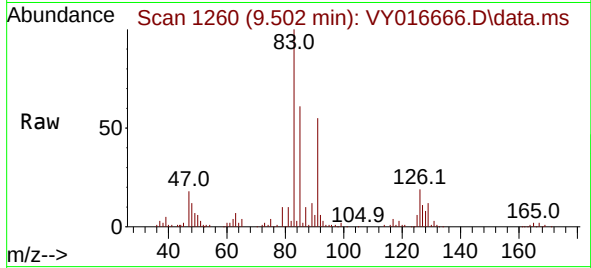
#47
Bromodichloromethane
Concen: 19.518 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 83 Resp: 6453
Ion Ratio Lower Upper
83 100
85 59.9 50.1 75.1
127 11.0 7.1 10.7

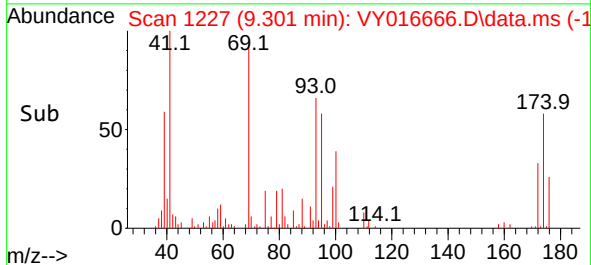
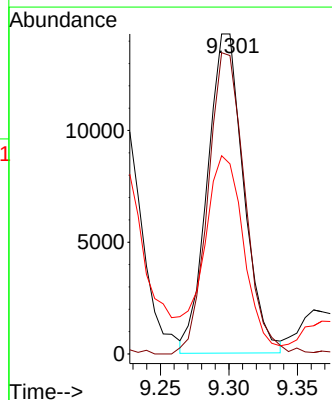
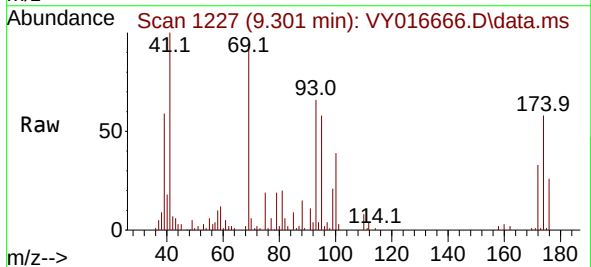
Manual Integrations
APPROVED

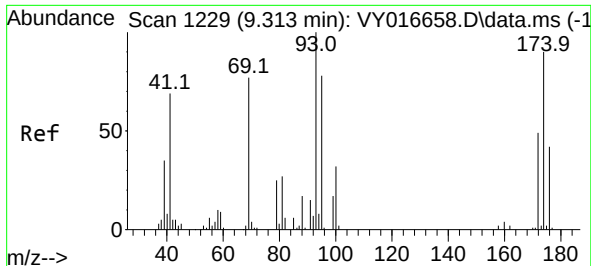
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#48
Methyl methacrylate
Concen: 18.187 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 41 Resp: 26360
Ion Ratio Lower Upper
41 100
69 95.7 64.5 96.7
39 62.2 50.8 76.2





#49

1,4-Dioxane

Concen: 356.764 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 88 Resp: 500

Ion Ratio Lower Upper

88 100

43 34.9 0.0 0.0

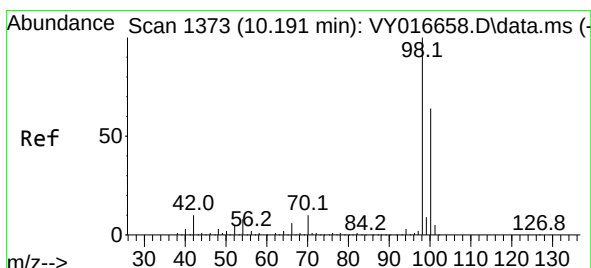
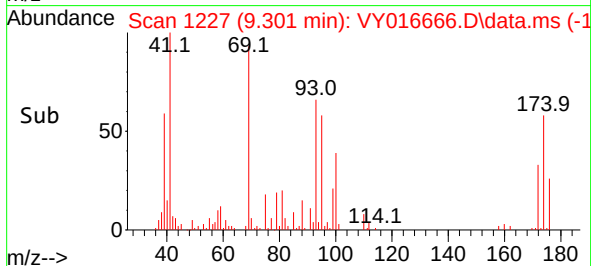
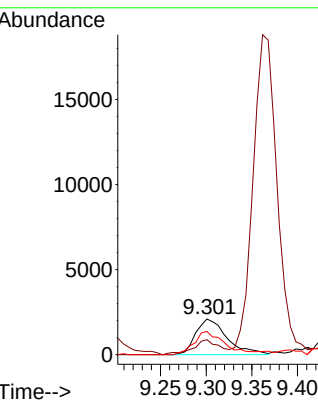
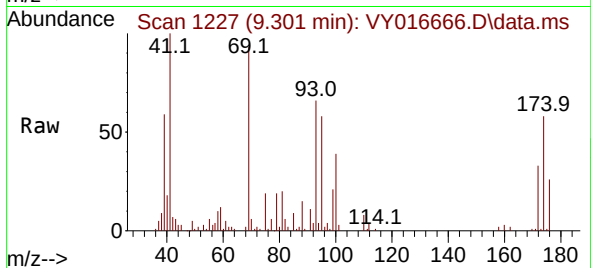
58 63.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#50

Toluene-d8

Concen: 43.286 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016666.D

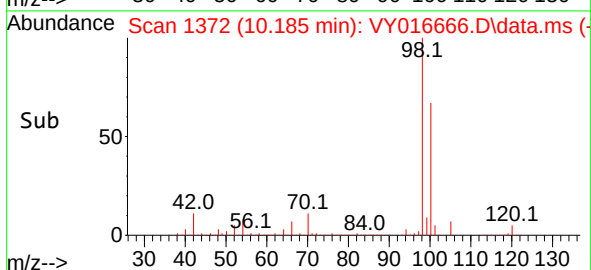
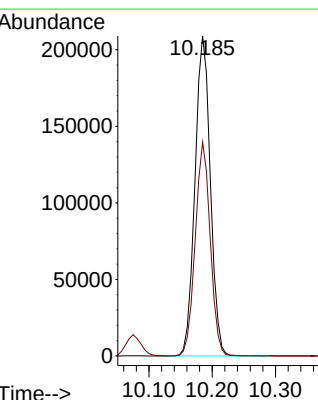
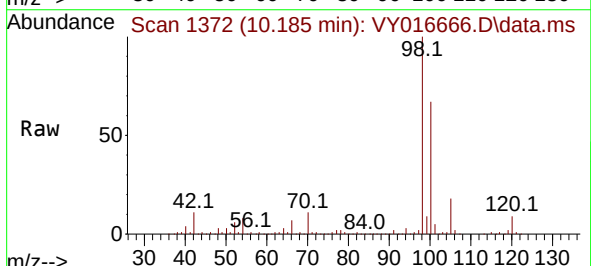
Acq: 16 Dec 2023 13:34

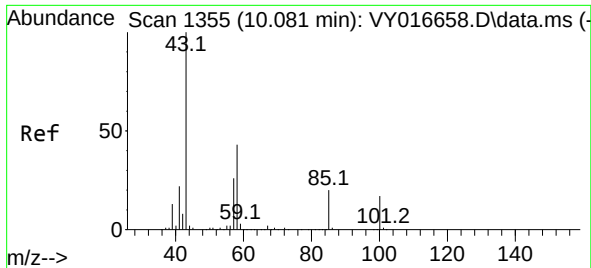
Tgt Ion: 98 Resp: 353707

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





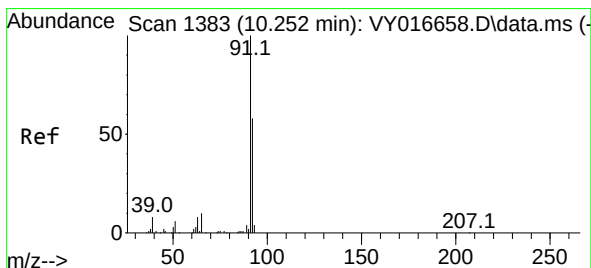
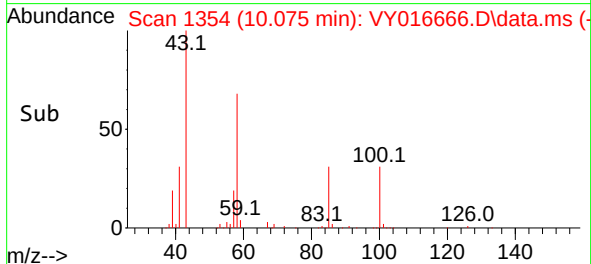
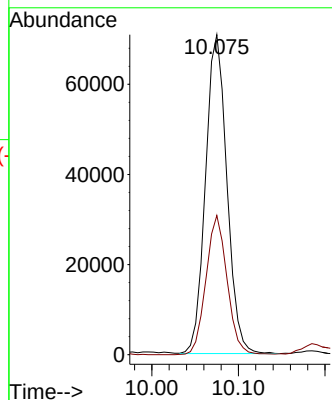
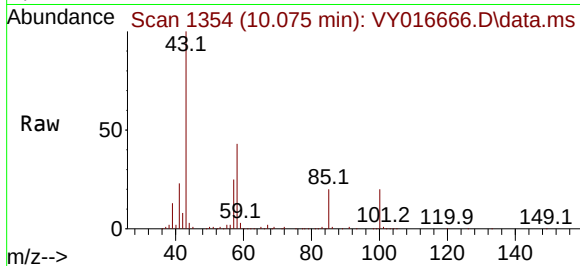
#51
4-Methyl-2-Pentanone
Concen: 88.482 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 43 Resp: 12146
Ion Ratio Lower Upper
43 100
58 43.1 29.0 43.6

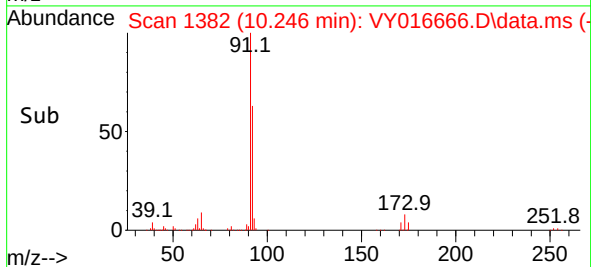
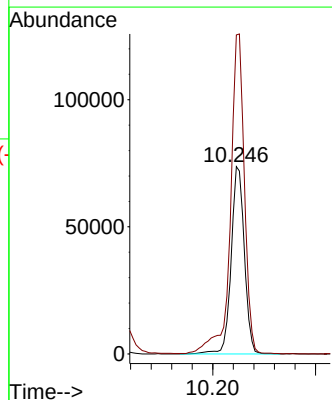
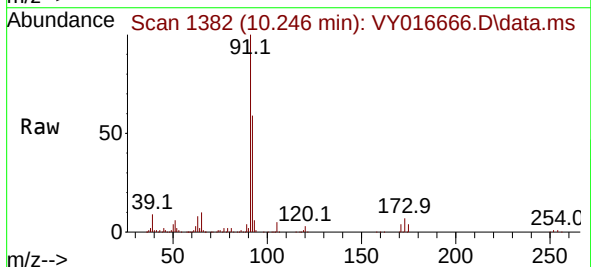
Manual Integrations
APPROVED

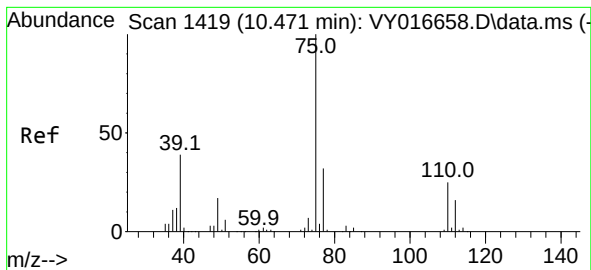
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#52
Toluene
Concen: 20.737 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 92 Resp: 131566
Ion Ratio Lower Upper
92 100
91 181.0 143.8 215.6





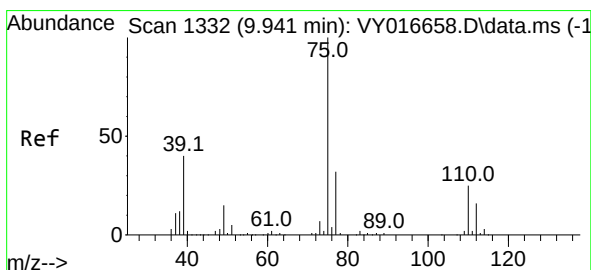
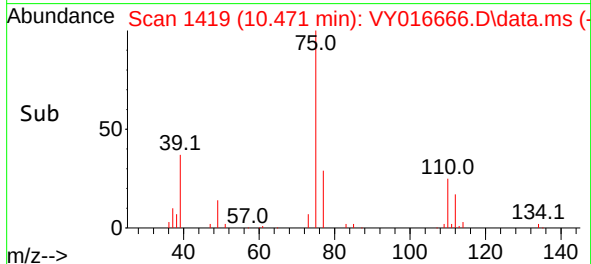
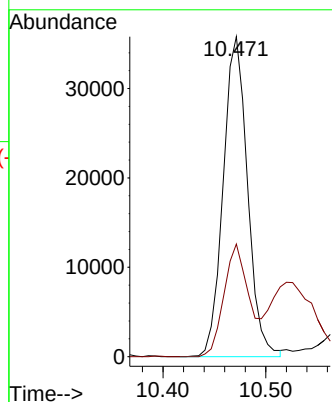
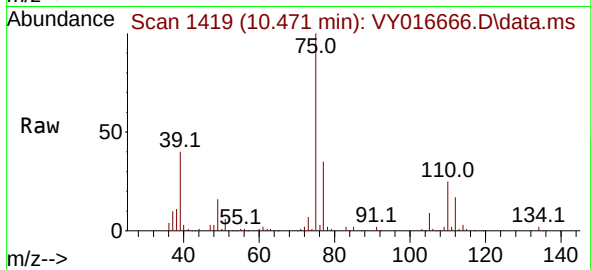
#53
t-1,3-Dichloropropene
Concen: 18.843 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 75 Resp: 58775
Ion Ratio Lower Upper
75 100
77 35.2 25.0 37.4

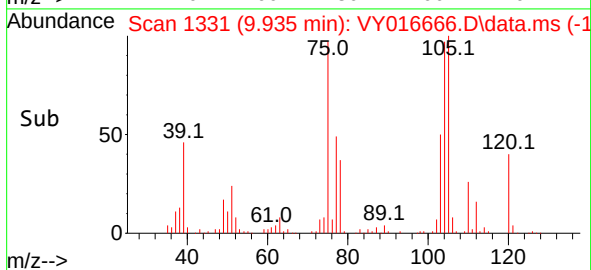
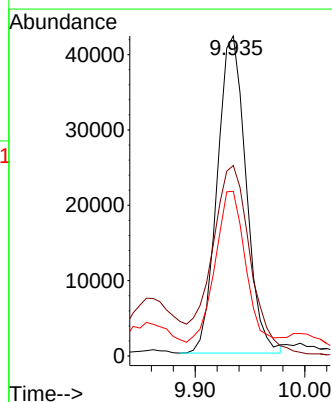
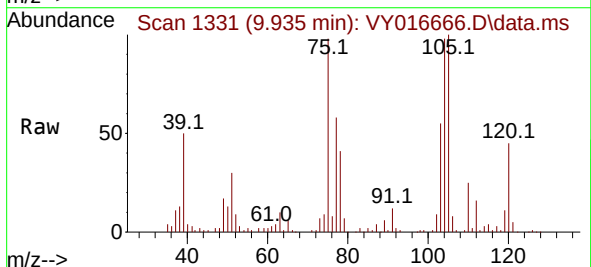
Manual Integrations
APPROVED

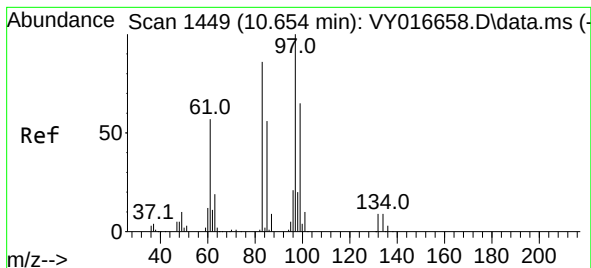
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#54
cis-1,3-Dichloropropene
Concen: 20.464 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

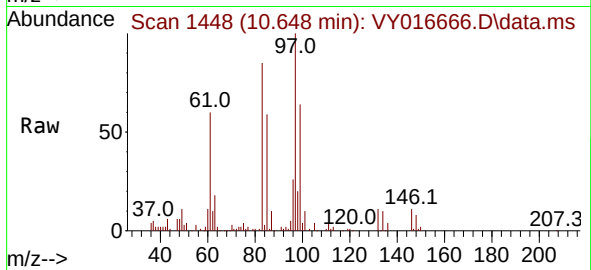
Tgt Ion: 75 Resp: 76746
Ion Ratio Lower Upper
75 100
77 56.8 24.2 36.4#
39 46.8 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 19.116 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

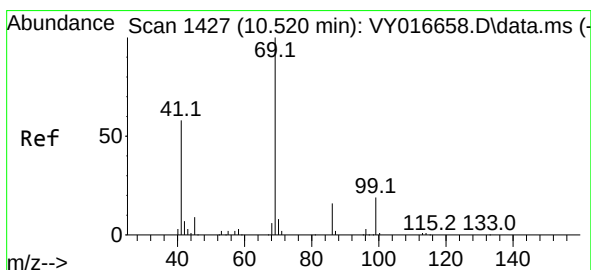
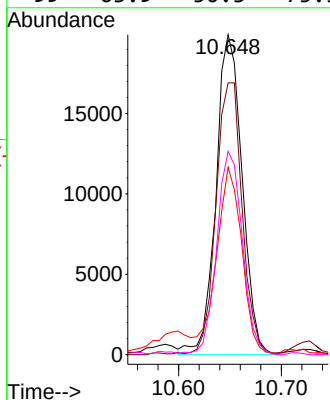
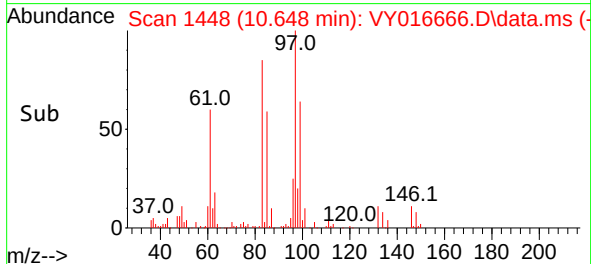
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



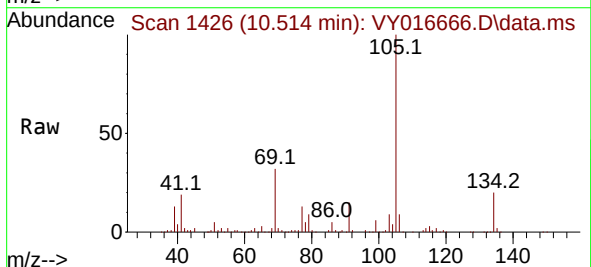
Tgt Ion: 97 Resp: 35148
Ion Ratio Lower Upper
97 100
83 85.2 72.0 108.0
85 58.6 45.4 68.0
99 63.9 50.3 75.5

Manual Integrations
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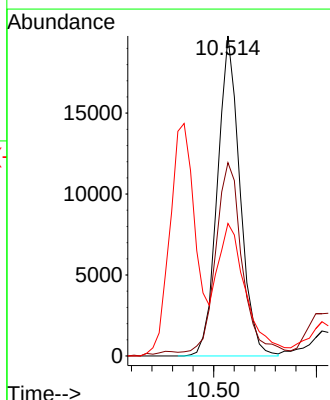
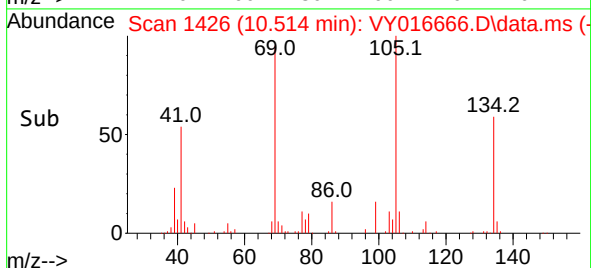
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

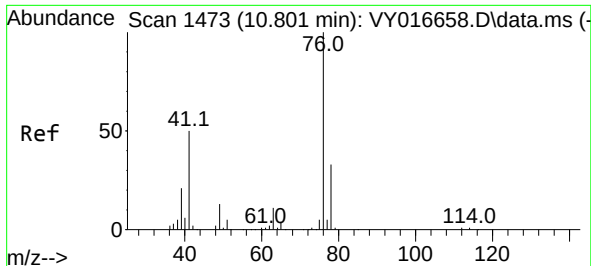


#56
Ethyl methacrylate
Concen: 18.858 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34



Tgt Ion: 69 Resp: 30062
Ion Ratio Lower Upper
69 100
41 69.1 57.6 86.4
39 52.6 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 19.006 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 76 Resp: 5815

Ion Ratio Lower Upper

76 100

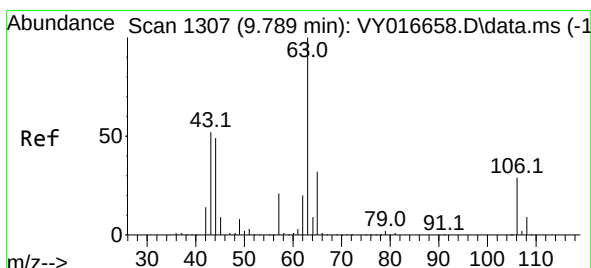
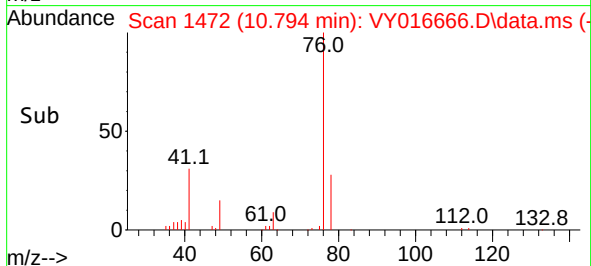
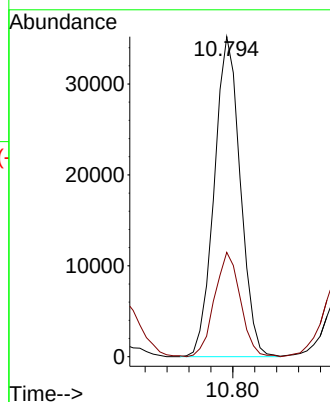
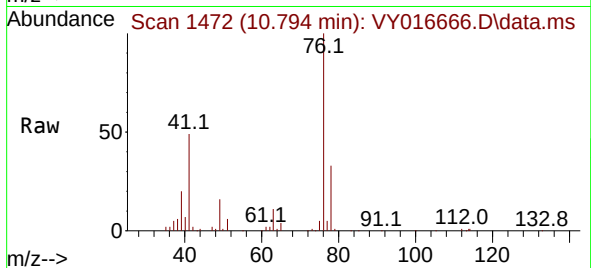
78 32.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 85.720 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VY016666.D

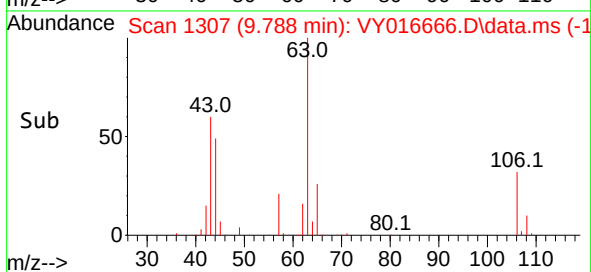
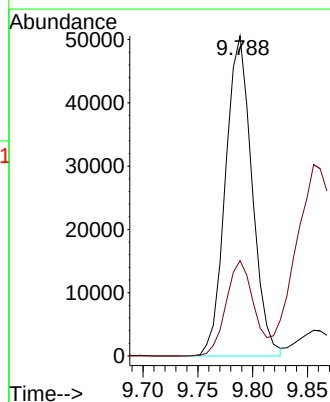
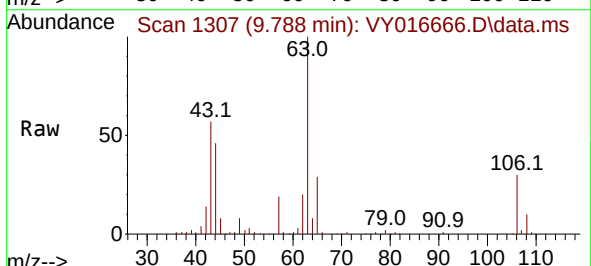
Acq: 16 Dec 2023 13:34

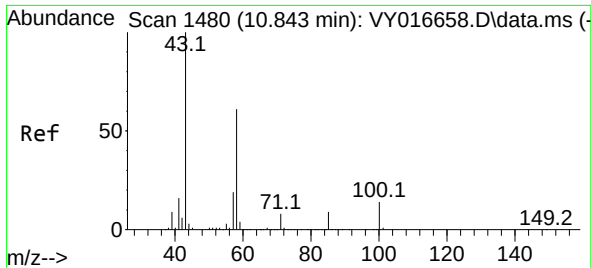
Tgt Ion: 63 Resp: 85101

Ion Ratio Lower Upper

63 100

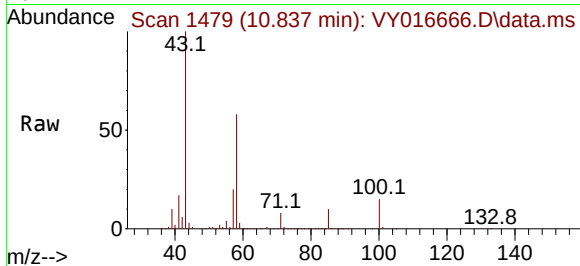
106 30.9 21.2 31.8





#59
2-Hexanone
Concen: 92.998 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

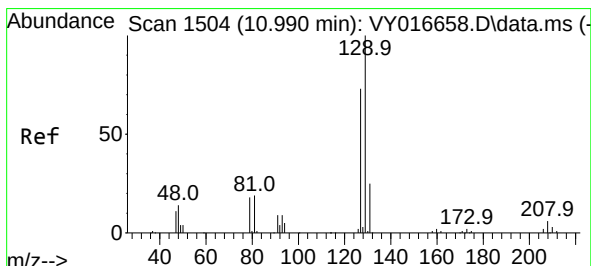
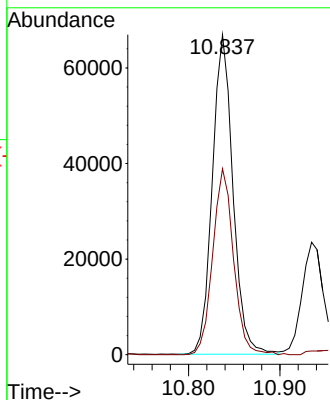
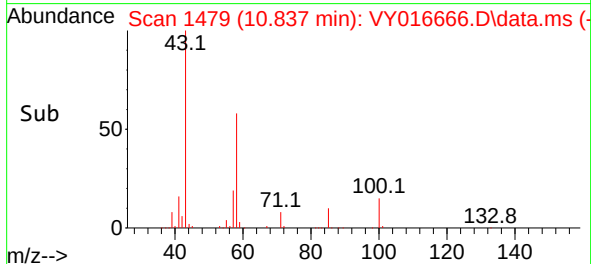
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion: 43 Resp: 104734
Ion Ratio Lower Upper
43 100
58 58.8 25.1 75.3

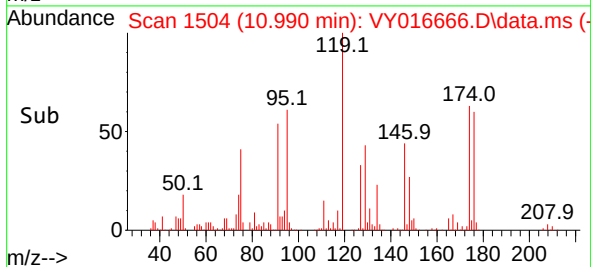
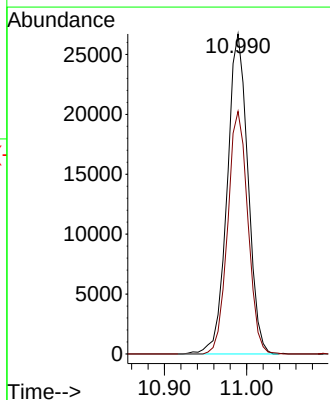
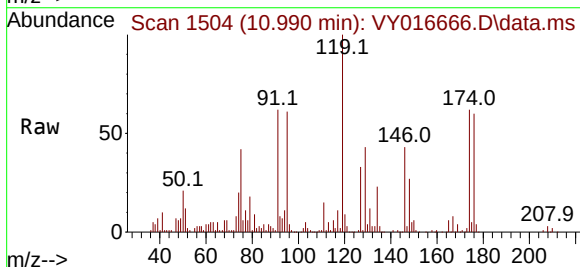
Manual Integrations
APPROVED

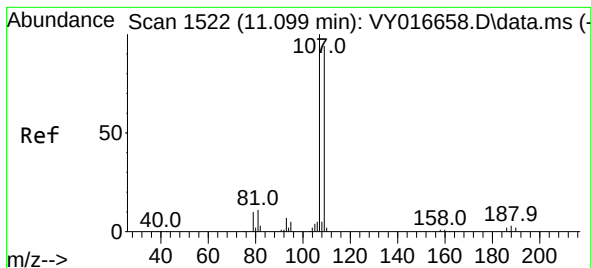
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 21.090 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

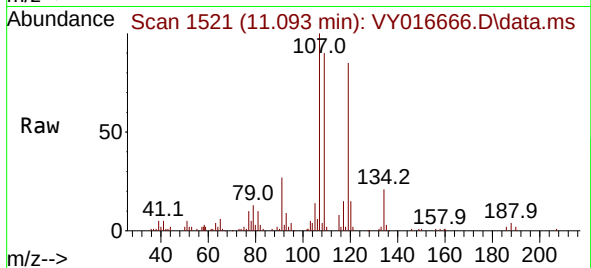
Tgt Ion:129 Resp: 46996
Ion Ratio Lower Upper
129 100
127 73.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.838 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

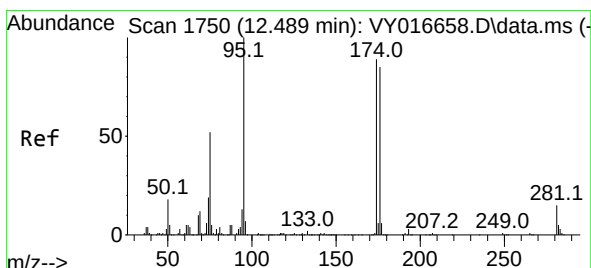
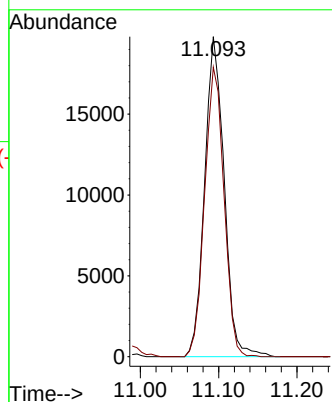
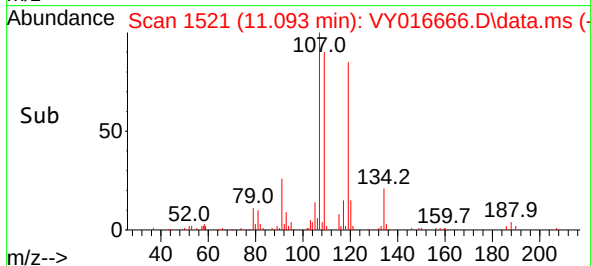
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



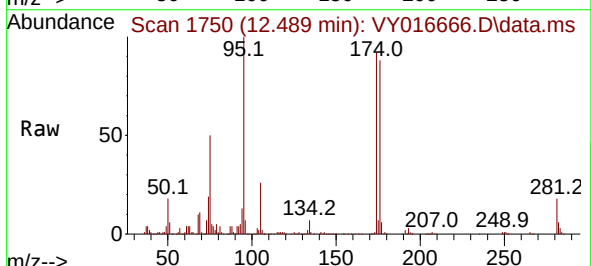
Tgt Ion:107 Resp: 34234
Ion Ratio Lower Upper
107 100
109 89.7 75.6 113.4

Manual Integrations
APPROVED

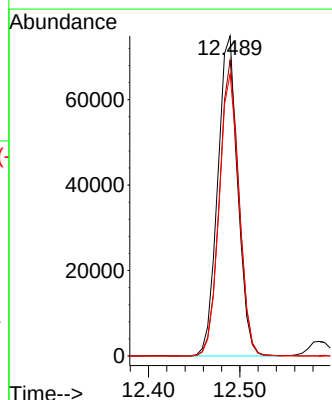
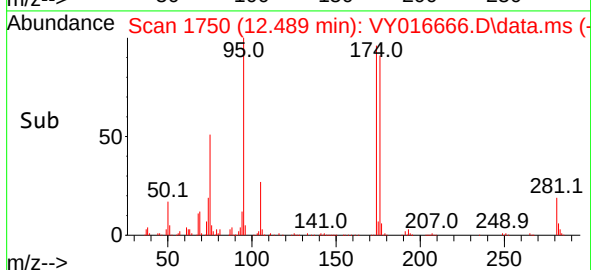
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

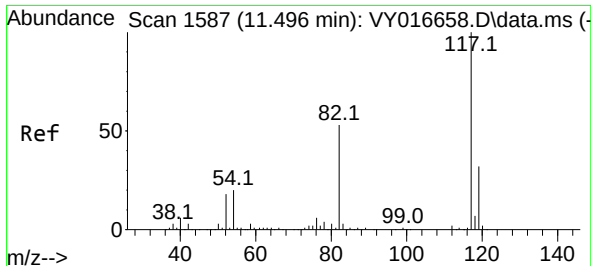


#62
4-Bromofluorobenzene
Concen: 42.611 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34



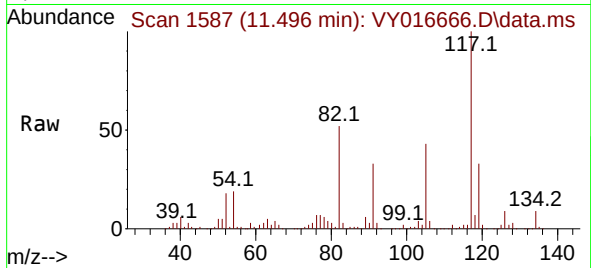
Tgt Ion: 95 Resp: 113937
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 87.8 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

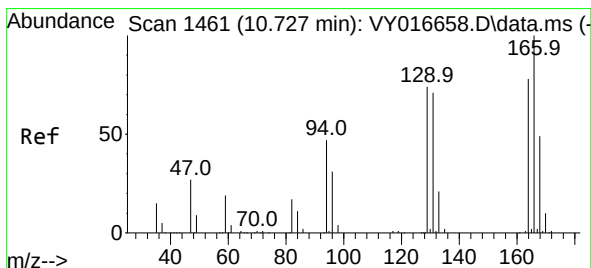
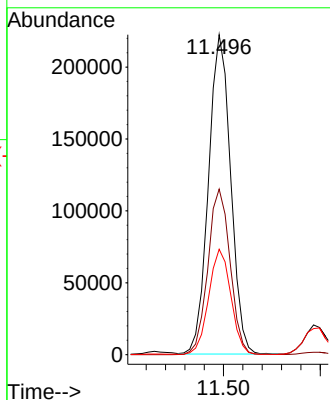
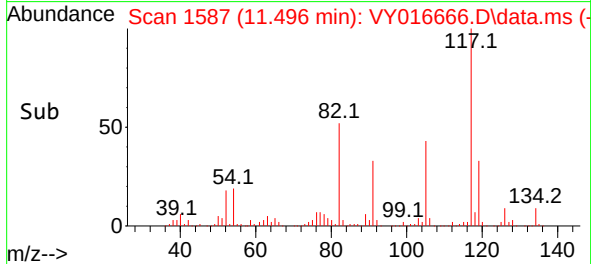
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion:117 Resp: 353912
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.9 26.3 39.5

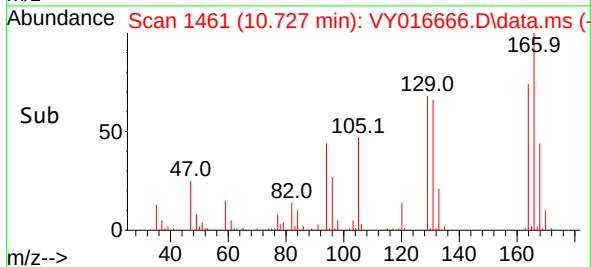
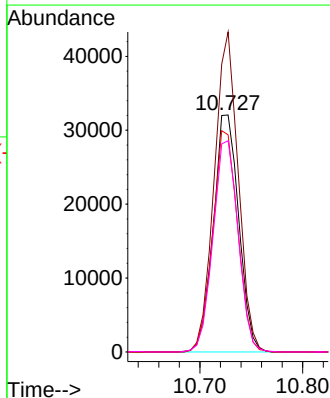
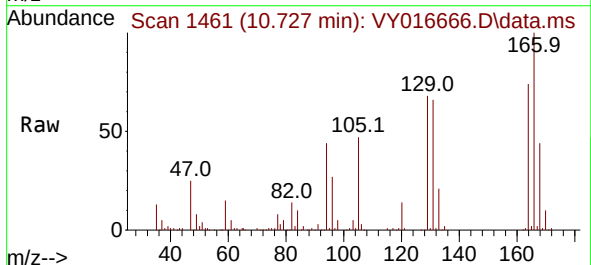
Manual Integrations
APPROVED

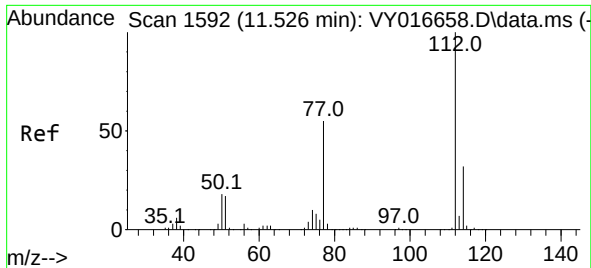
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#64
Tetrachloroethene
Concen: 19.014 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:164 Resp: 55132
Ion Ratio Lower Upper
164 100
166 135.0 103.0 154.6
129 91.6 77.2 115.8
131 89.1 69.6 104.4





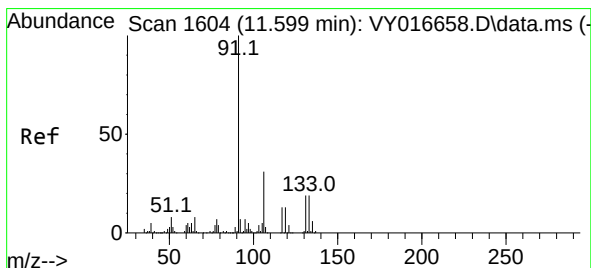
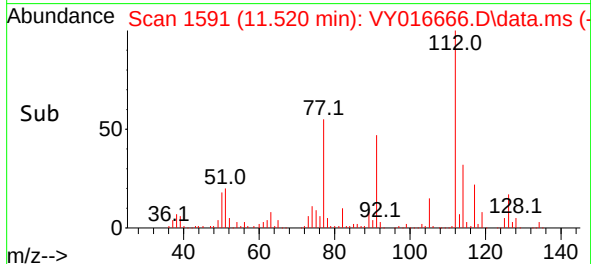
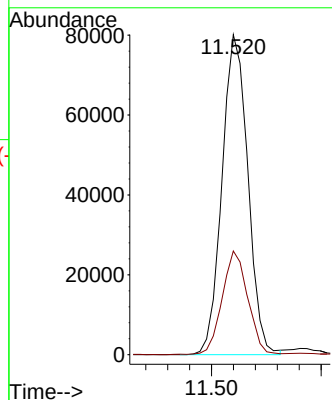
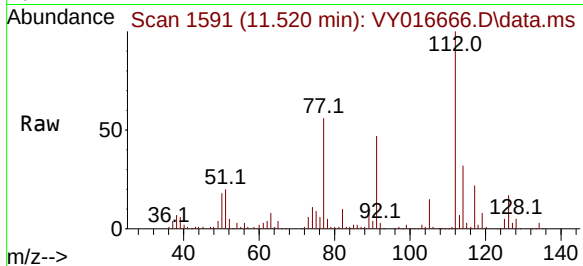
#65
Chlorobenzene
Concen: 19.003 ug/l
RT: 11.520 min Scan# 1118
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion:112 Resp: 13118
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3

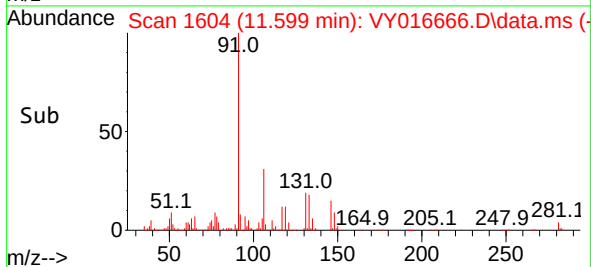
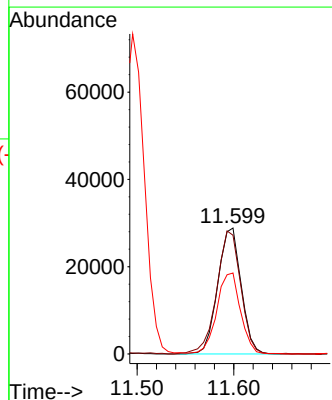
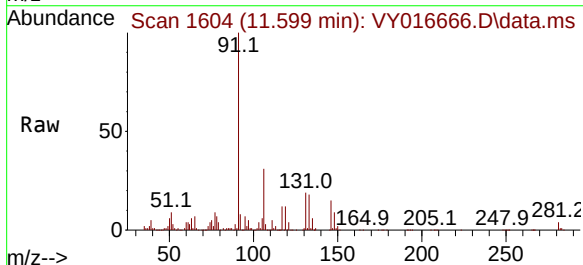
Manual Integrations
APPROVED

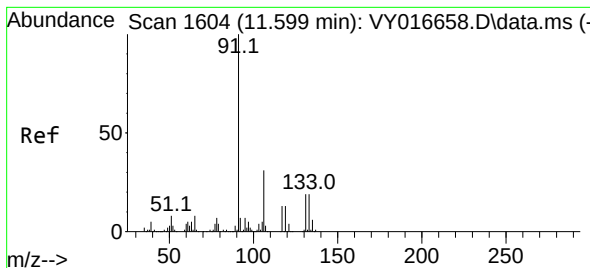
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.095 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:131 Resp: 48207
Ion Ratio Lower Upper
131 100
133 101.1 47.5 142.6
119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 19.027 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 91 Resp: 236304

Ion Ratio Lower Upper

91 100

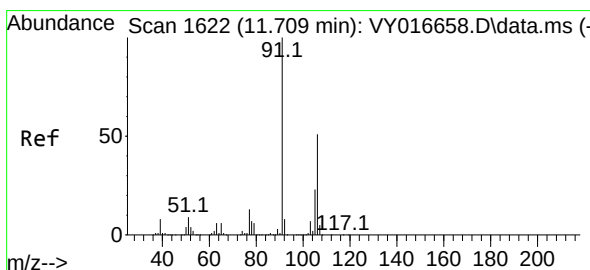
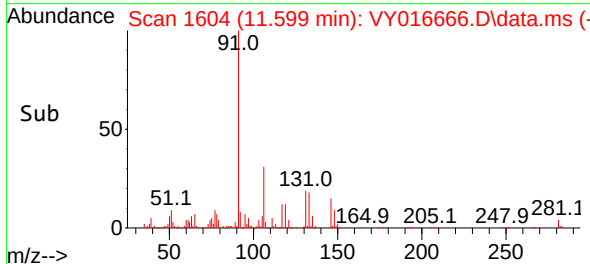
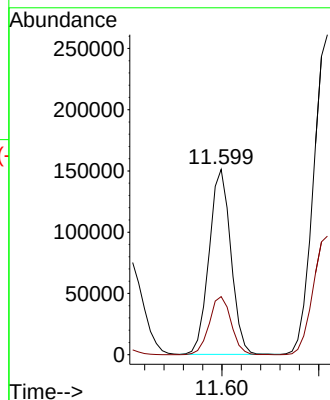
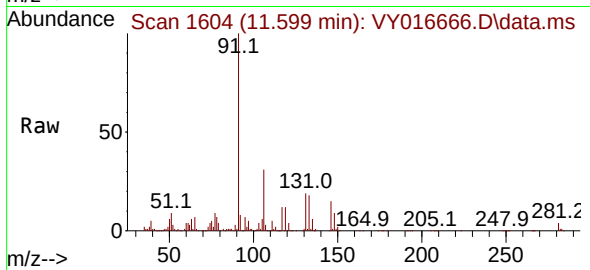
106 31.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#68

m/p-Xylenes

Concen: 40.674 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016666.D

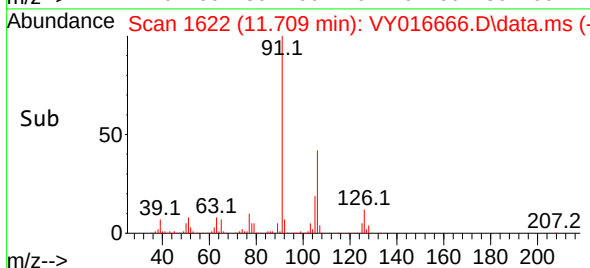
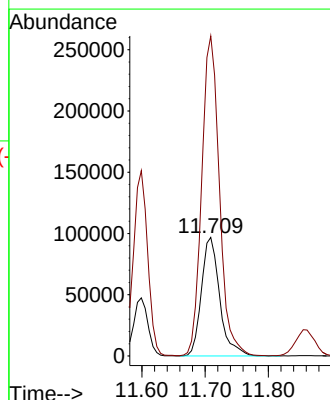
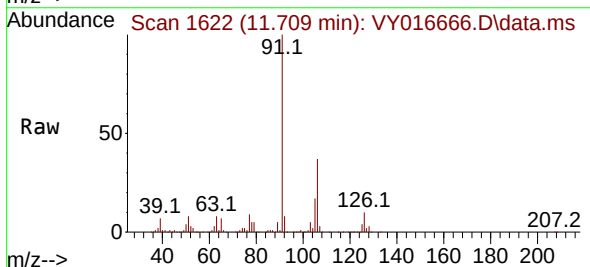
Acq: 16 Dec 2023 13:34

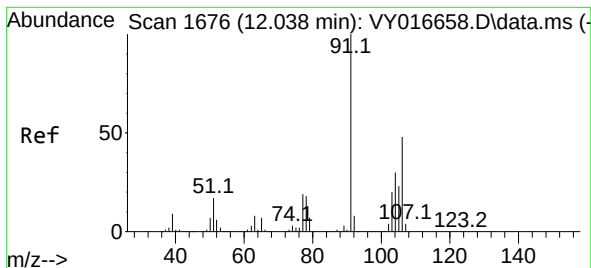
Tgt Ion:106 Resp: 194879

Ion Ratio Lower Upper

106 100

91 261.3 166.1 249.1#





#69

o-Xylene

Concen: 19.345 ug/l m

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion:106 Resp: 84780

Ion Ratio Lower Upper

106 100

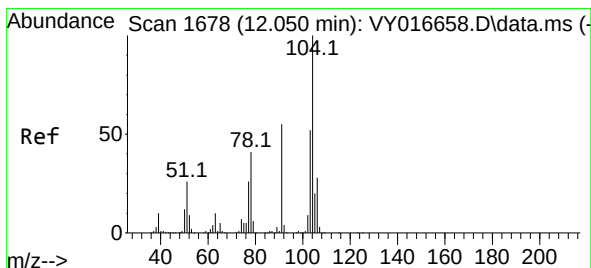
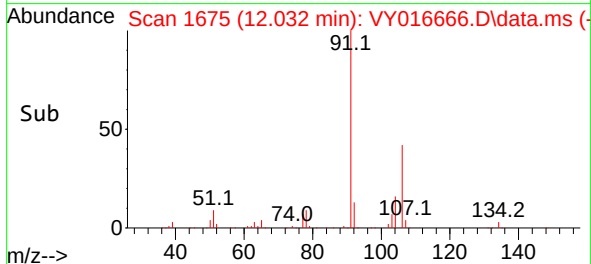
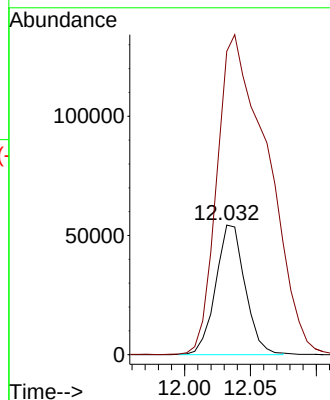
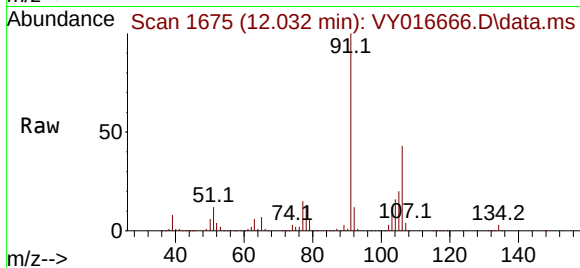
91 20.8 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#70

Styrene

Concen: 19.656 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

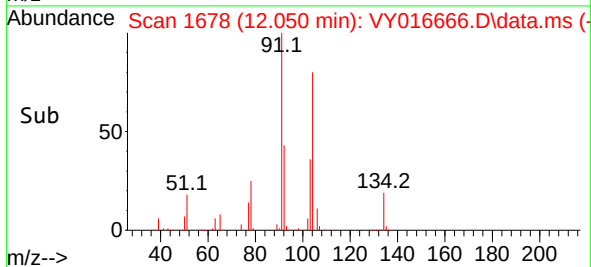
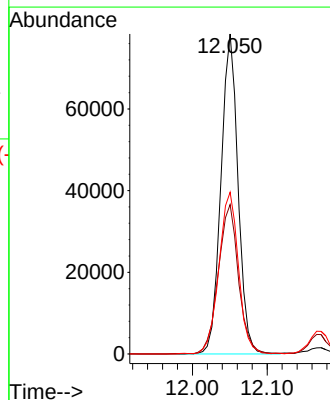
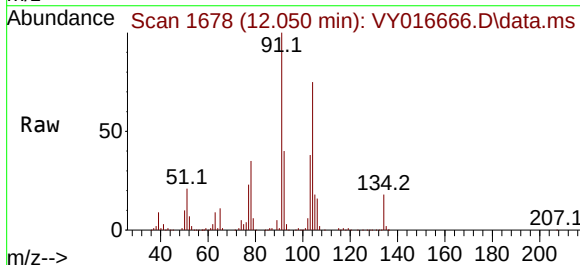
Tgt Ion:104 Resp: 124803

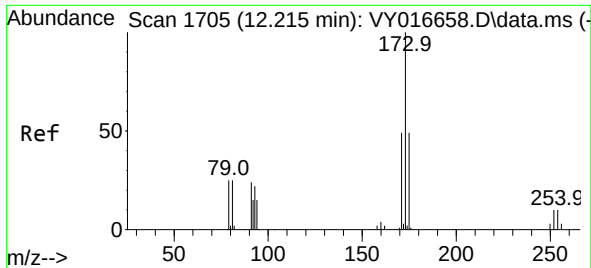
Ion Ratio Lower Upper

104 100

78 54.9 41.5 62.3

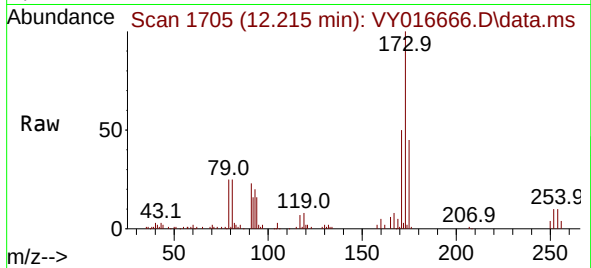
103 57.4 44.6 67.0





#71
Bromoform
Concen: 18.705 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

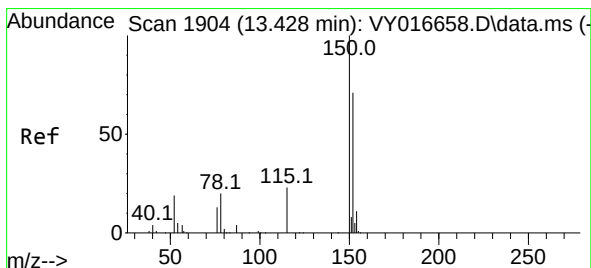
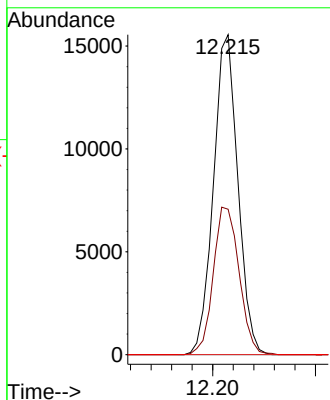
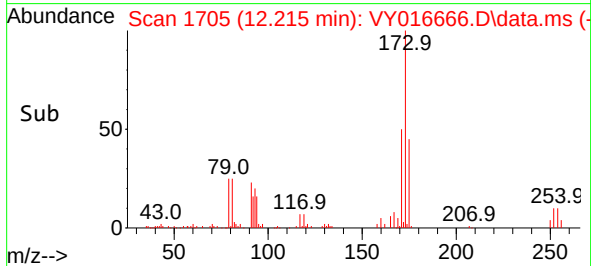
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



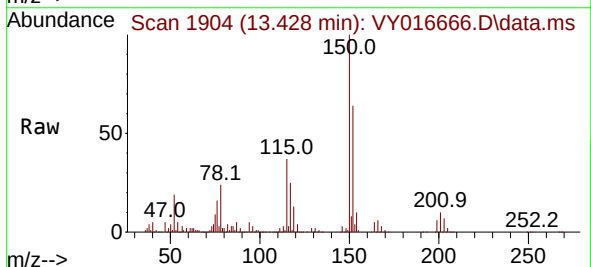
Tgt Ion:173 Resp: 25609
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

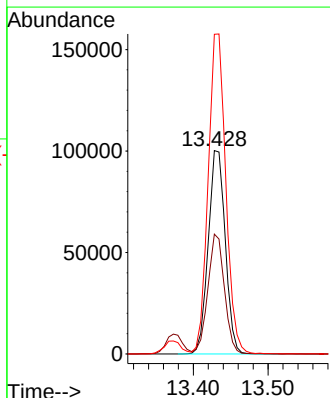
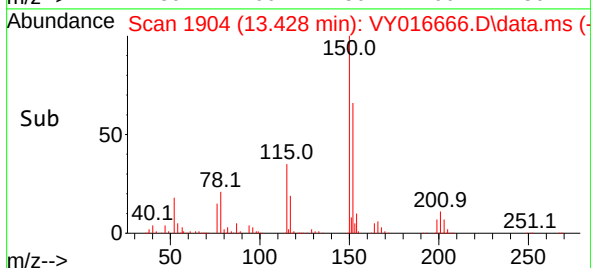
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

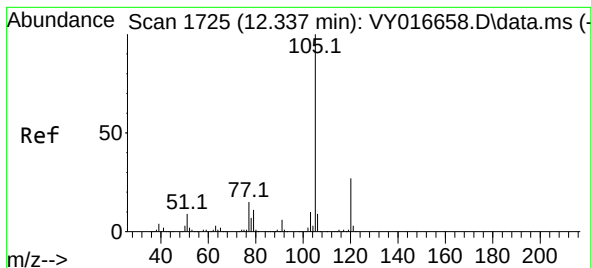


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34



Tgt Ion:152 Resp: 159428
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 162.5 0.0 348.8





#73

Isopropylbenzene

Concen: 19.975 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion:105 Resp: 22400

Ion Ratio Lower Upper

105 100

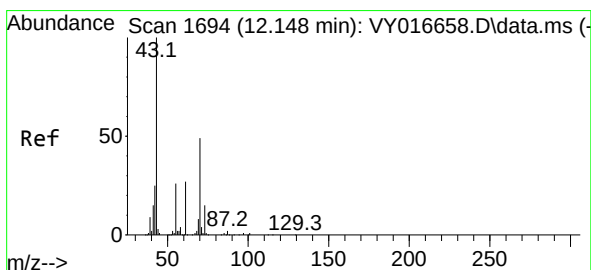
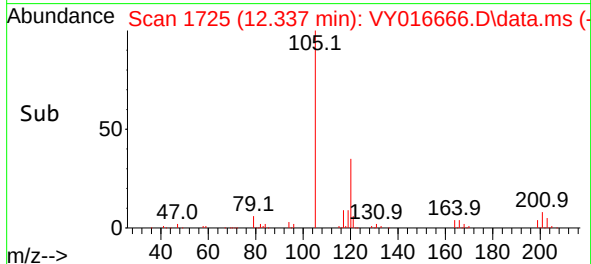
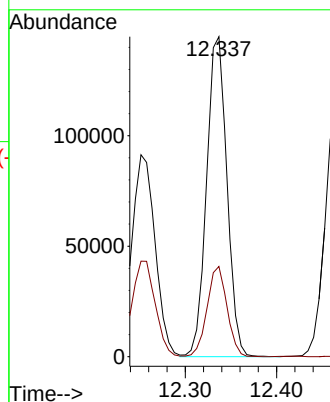
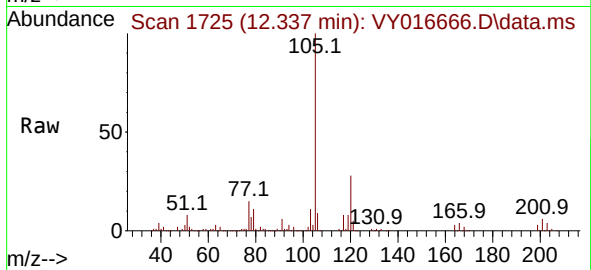
120 27.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#74

N-ethyl acetate

Concen: 17.733 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Tgt Ion: 43 Resp: 37271

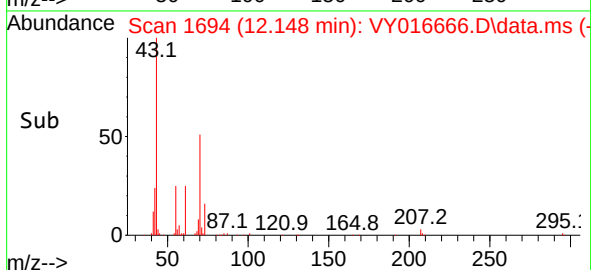
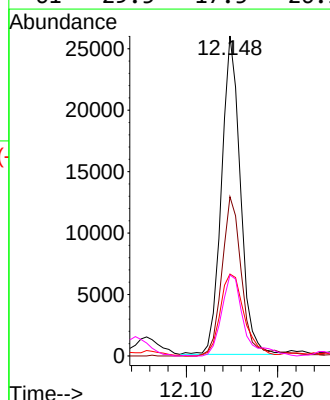
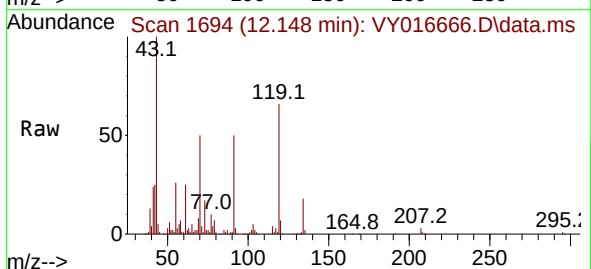
Ion Ratio Lower Upper

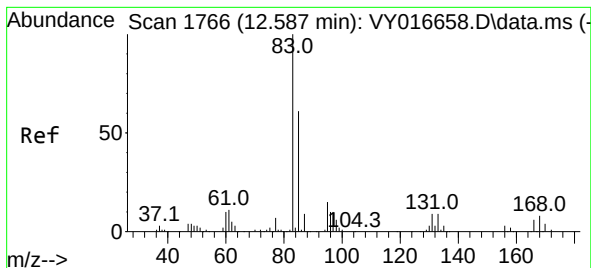
43 100

70 53.7 29.7 44.5#

55 32.8 18.3 27.5#

61 29.5 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.008 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

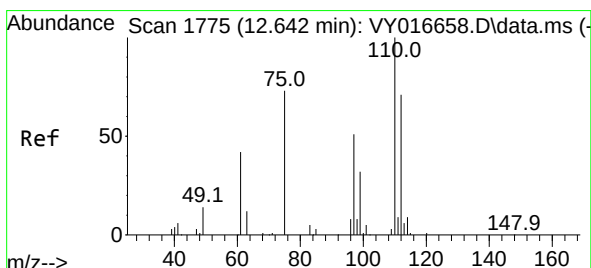
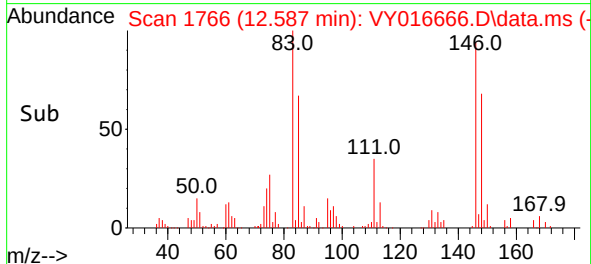
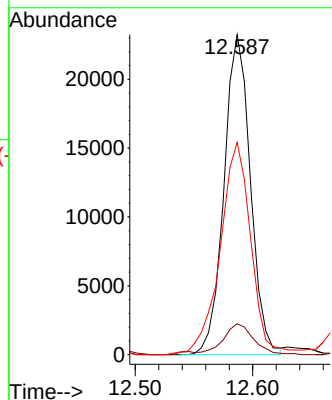
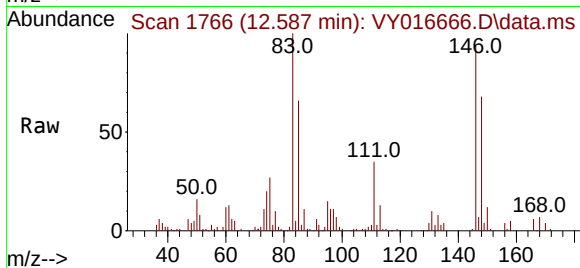
VY1216SBS02

Tgt Ion: 83	Resp: 3626
Ion Ratio	Lower Upper
83	100
131	11.2 5.4 16.2
85	77.2 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#76

1,2,3-Trichloropropane

Concen: 18.312 ug/l m

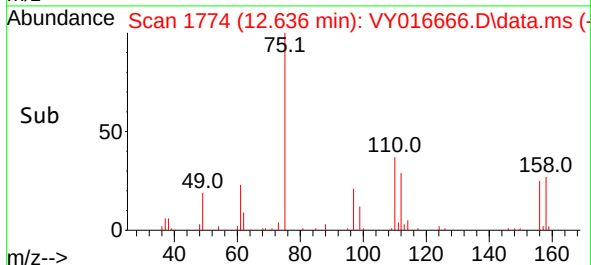
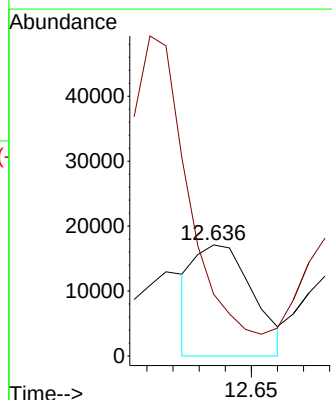
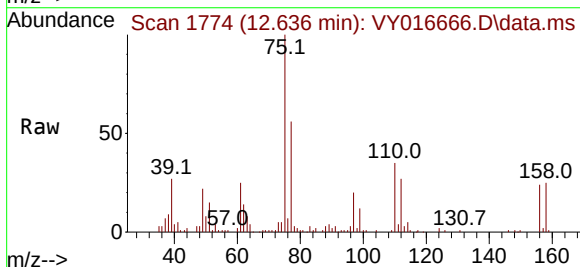
RT: 12.636 min Scan# 1774

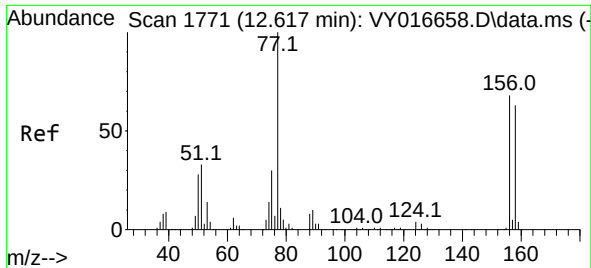
Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

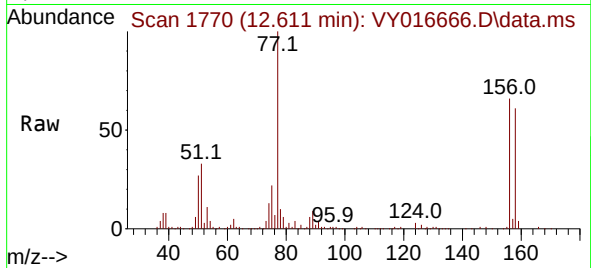
Tgt Ion: 75	Resp: 26741
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.550 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

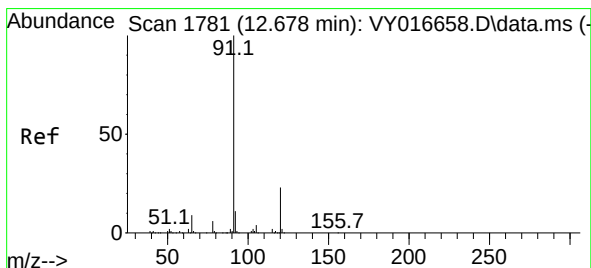
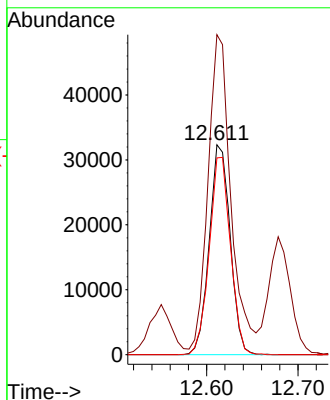
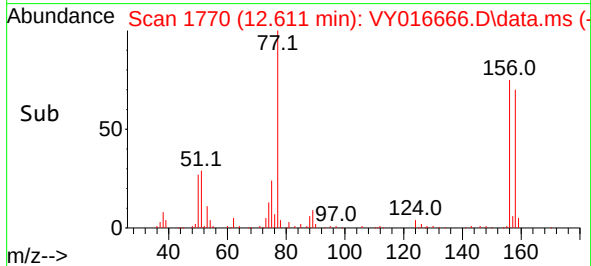
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion:156 Resp: 5136
Ion Ratio Lower Upper
156 100
77 166.4 92.8 278.6
158 95.3 48.4 145.3

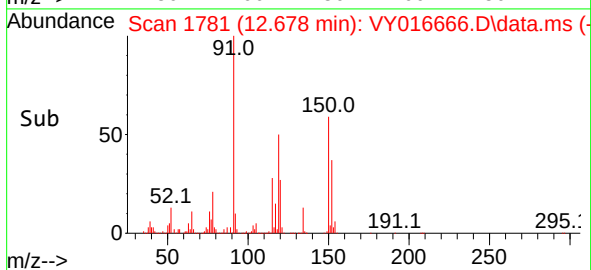
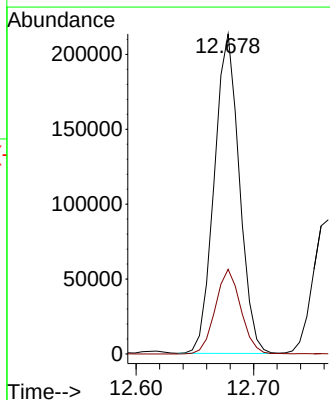
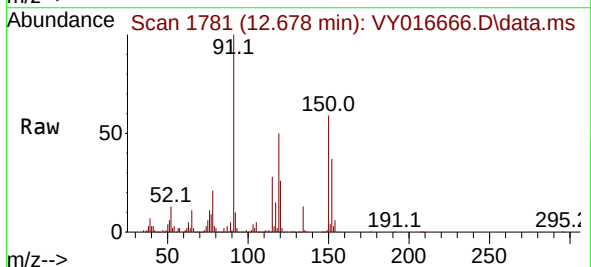
Manual Integrations
APPROVED

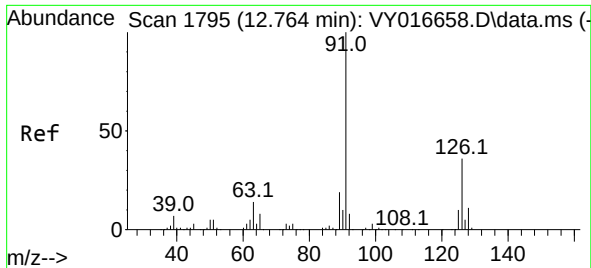
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#78
n-propylbenzene
Concen: 23.608 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

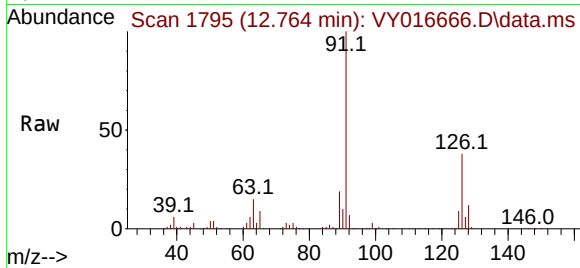
Tgt Ion: 91 Resp: 316437
Ion Ratio Lower Upper
91 100
120 26.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.308 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

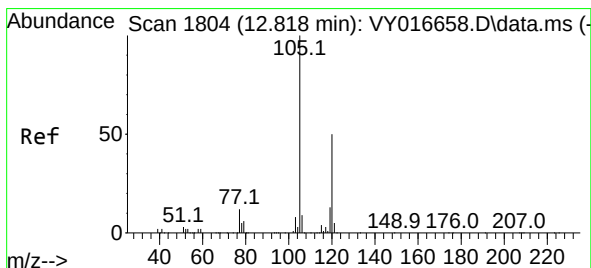
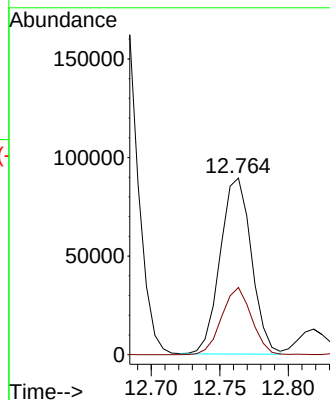
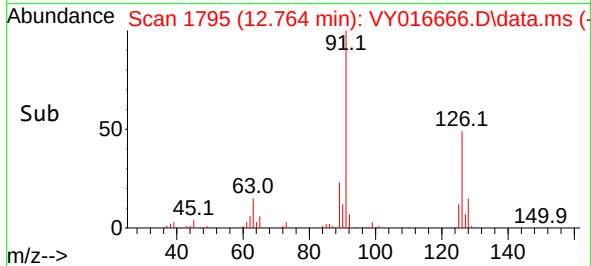
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion: 91 Resp: 142112
Ion Ratio Lower Upper
91 100
126 36.5 17.3 51.7

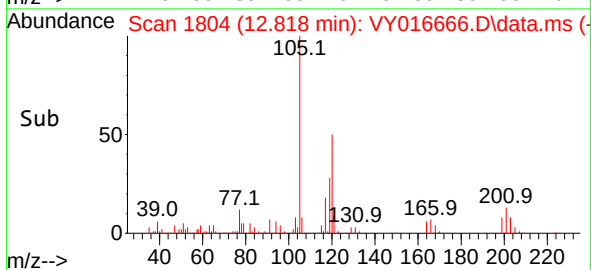
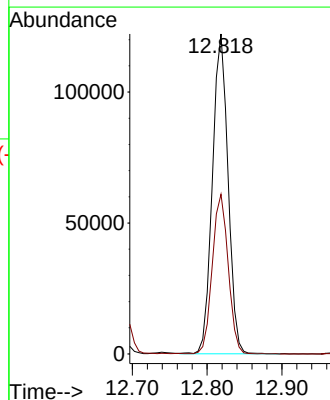
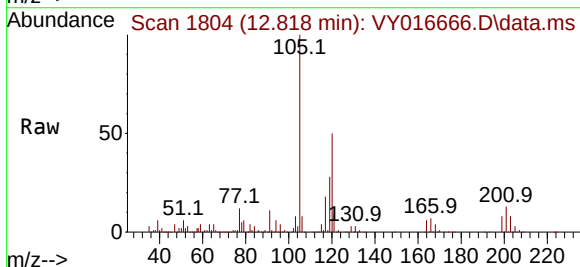
Manual Integrations
APPROVED

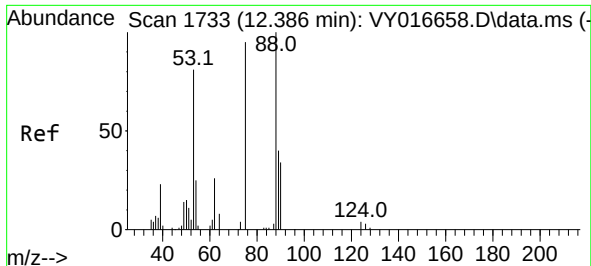
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.771 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:105 Resp: 177281
Ion Ratio Lower Upper
105 100
120 50.9 23.9 71.7





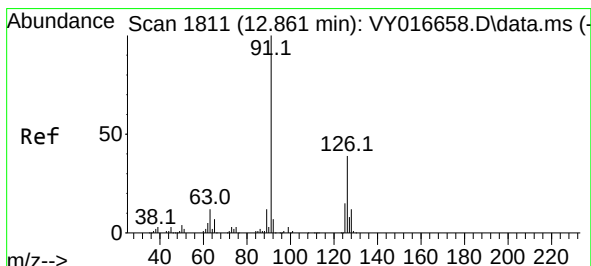
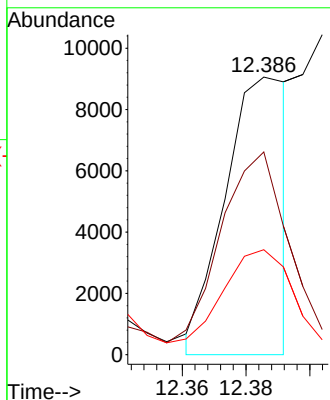
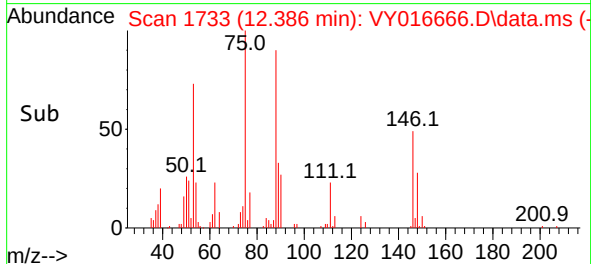
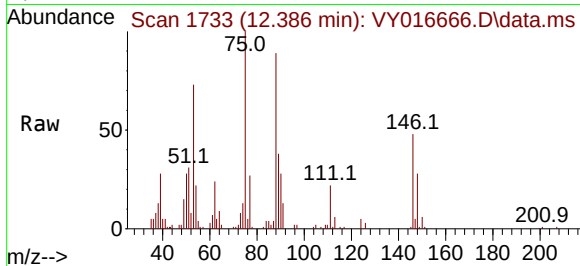
#81
trans-1,4-Dichloro-2-butene
Concen: 19.495 ug/l m
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 75 Resp: 12458
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8
89 0.0 37.4 56.0

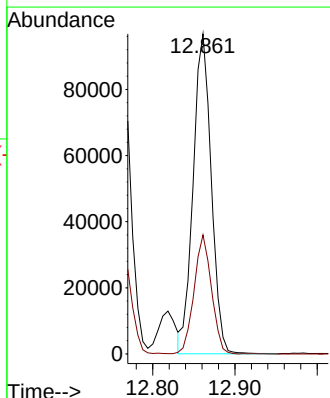
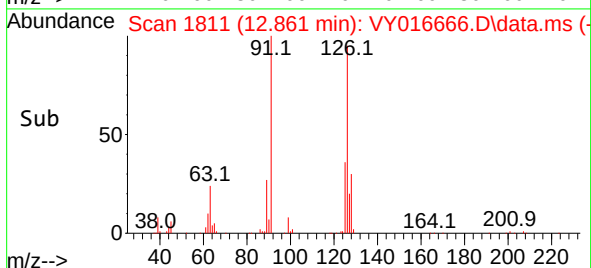
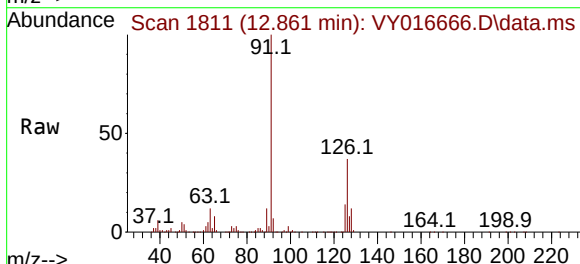
Manual Integrations
APPROVED

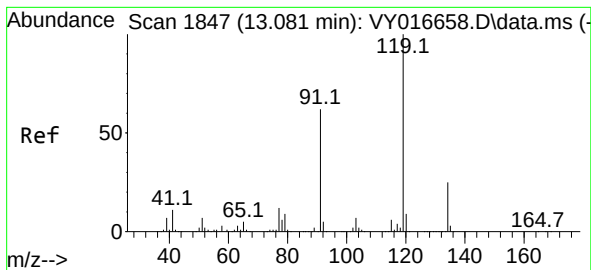
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#82
4-Chlorotoluene
Concen: 19.415 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 91 Resp: 147775
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6





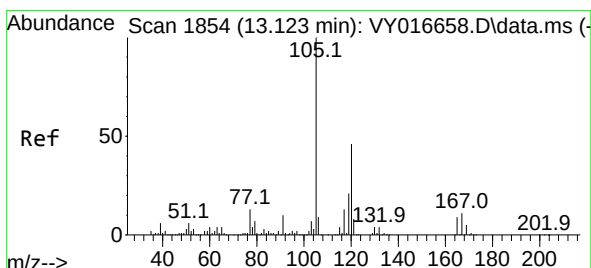
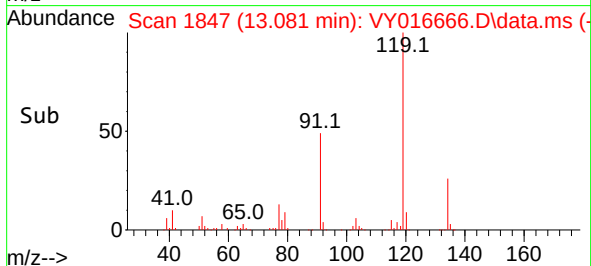
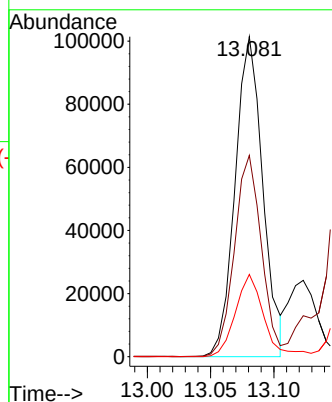
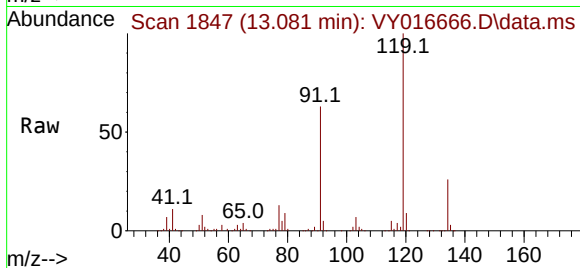
#83
tert-Butylbenzene
Concen: 19.788 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion:119 Resp: 15482
Ion Ratio Lower Upper
119 100
91 60.9 32.9 98.6
134 26.4 13.0 38.9

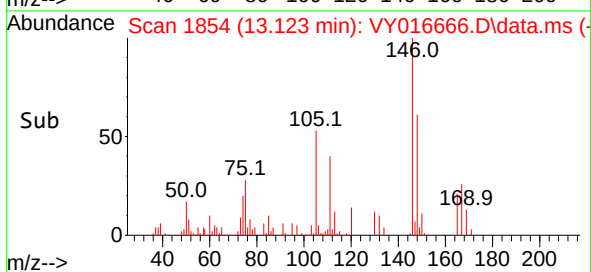
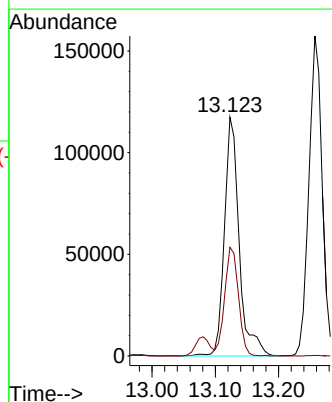
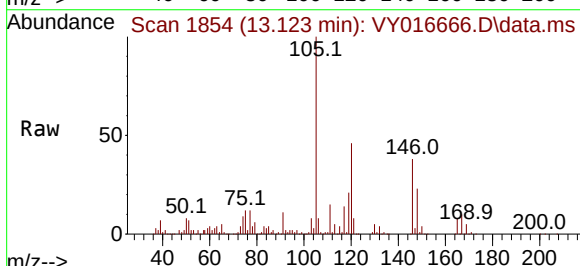
Manual Integrations
APPROVED

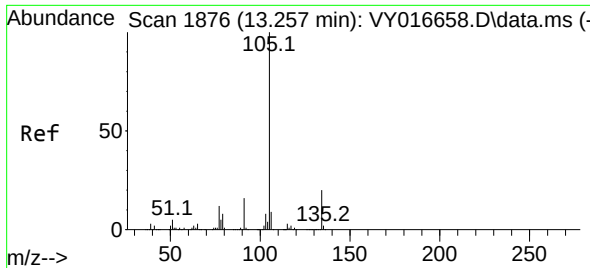
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.355 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:105 Resp: 189910
Ion Ratio Lower Upper
105 100
120 42.3 22.2 66.6





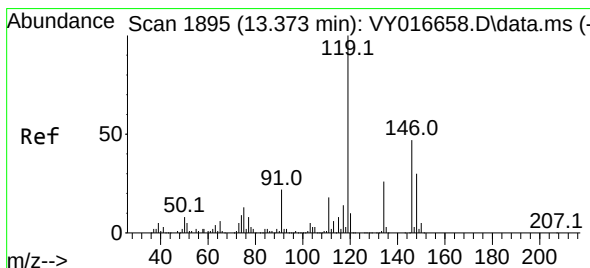
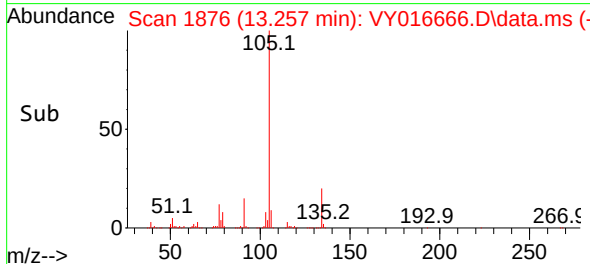
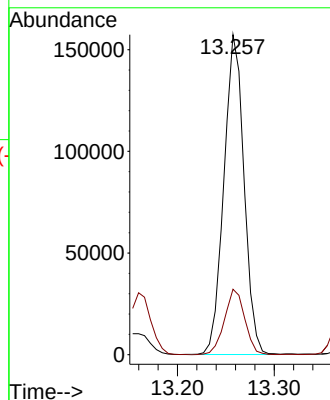
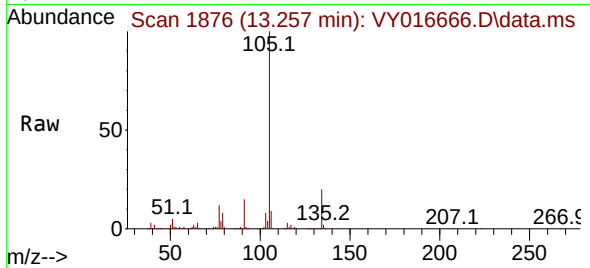
#85
 sec-Butylbenzene
 Concen: 19.812 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY016666.D
 Acq: 16 Dec 2023 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS02

Tgt Ion:105 Resp: 227458
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

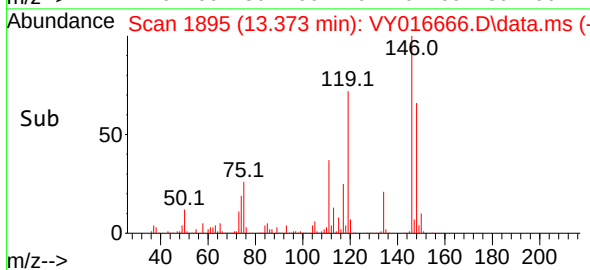
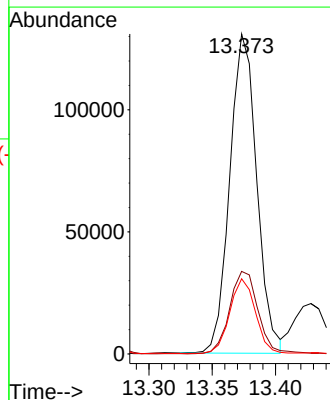
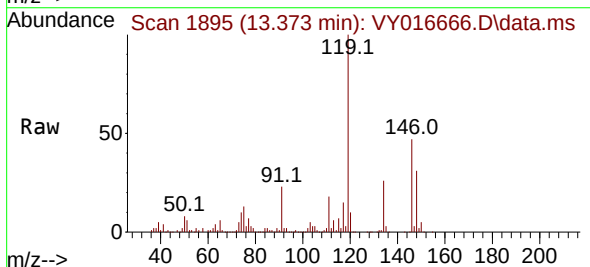
Manual Integrations
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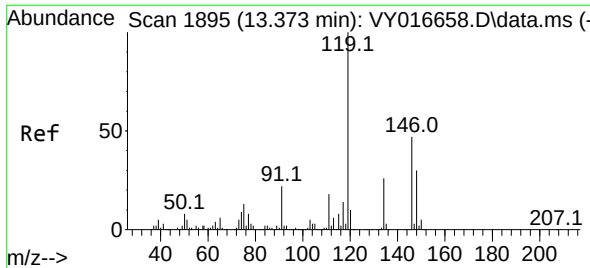
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#86
 p-Isopropyltoluene
 Concen: 19.838 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY016666.D
 Acq: 16 Dec 2023 13:34

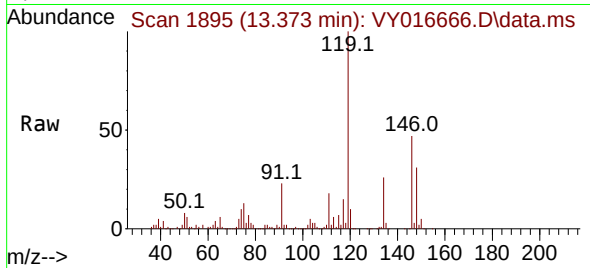
Tgt Ion:119 Resp: 194453
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.3 39.8
 91 22.4 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 19.310 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

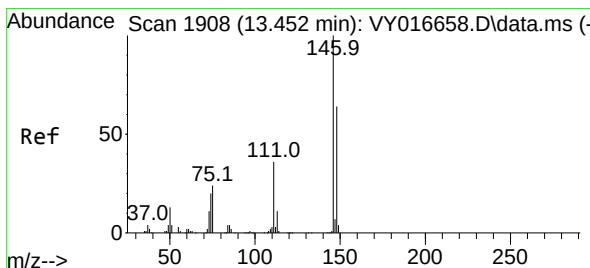
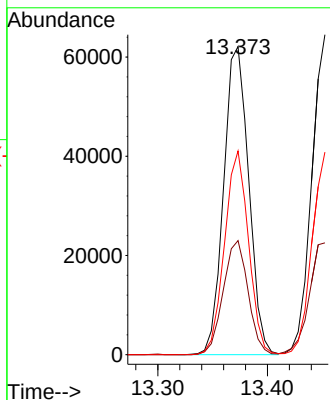
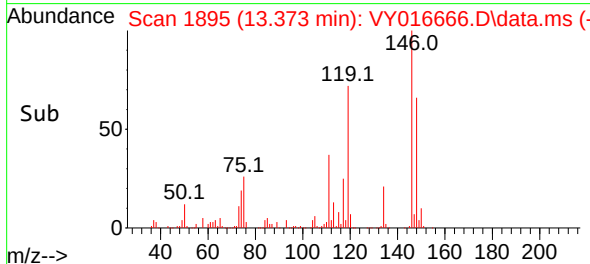
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



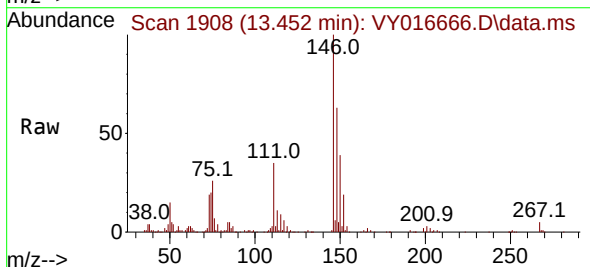
Tgt Ion:146 Resp: 9860
Ion Ratio Lower Upper
146 100
111 36.9 19.4 58.2
148 63.3 31.9 95.5

Manual Integrations
APPROVED

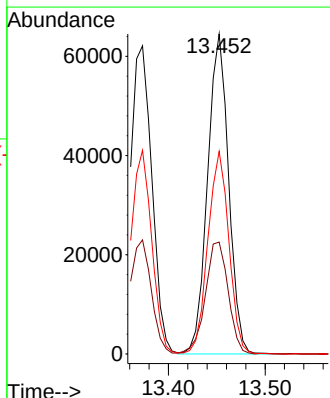
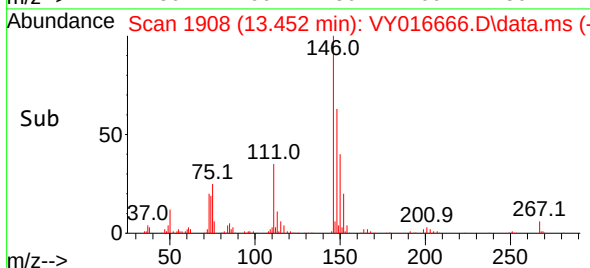
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

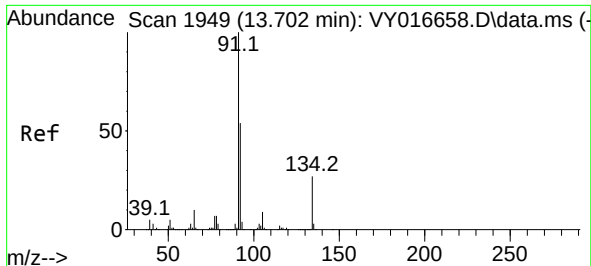


#88
1,4-Dichlorobenzene
Concen: 19.387 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34



Tgt Ion:146 Resp: 97346
Ion Ratio Lower Upper
146 100
111 37.7 18.9 56.7
148 63.2 32.1 96.5





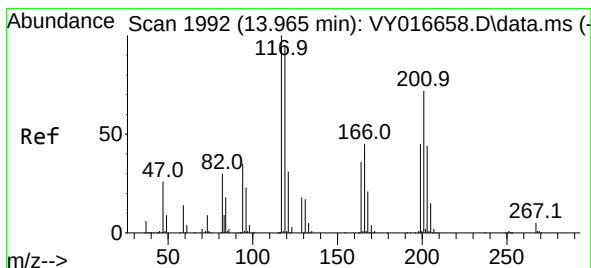
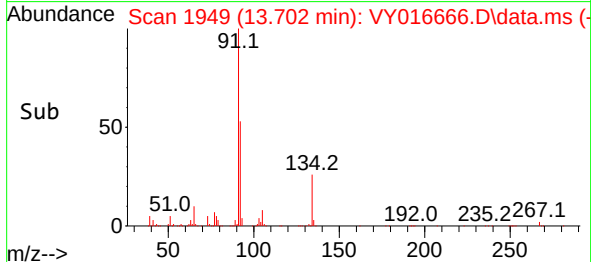
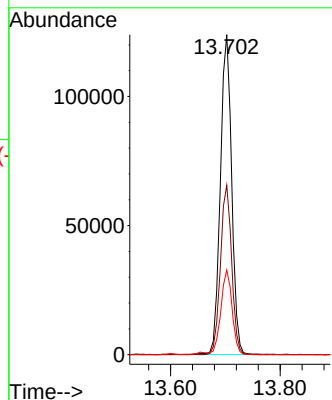
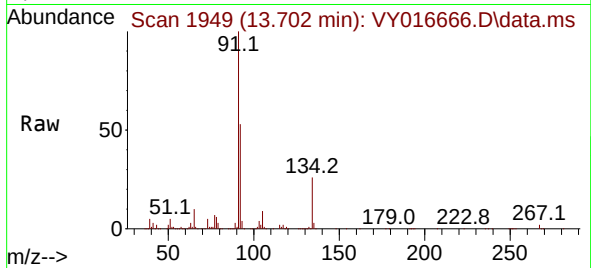
#89
n-Butylbenzene
Concen: 19.440 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 91 Resp: 177020
Ion Ratio Lower Upper
91 100
92 52.7 25.4 76.0
134 26.3 12.6 37.6

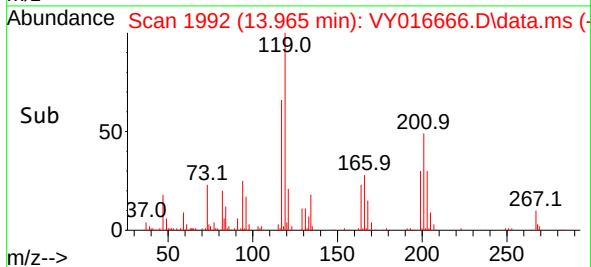
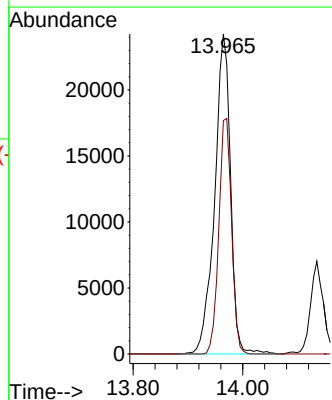
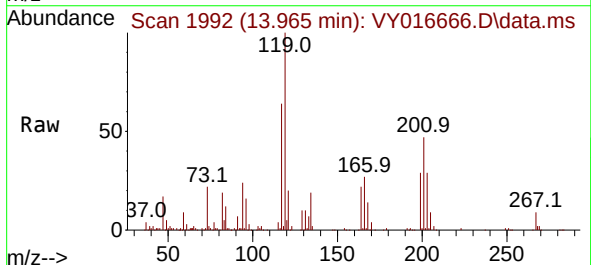
Manual Integrations
APPROVED

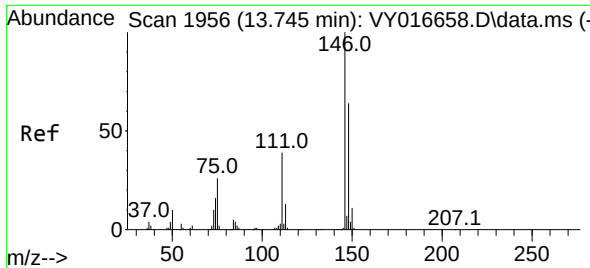
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#90
Hexachloroethane
Concen: 24.955 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:117 Resp: 48686
Ion Ratio Lower Upper
117 100
201 59.1 41.6 124.8





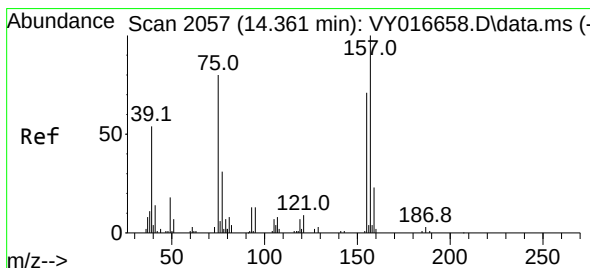
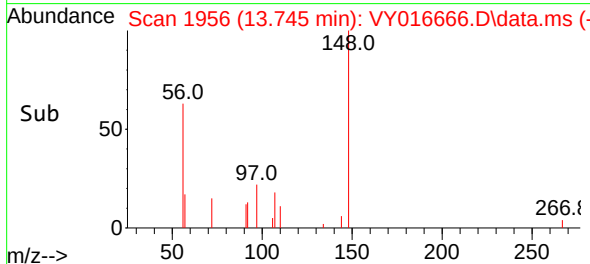
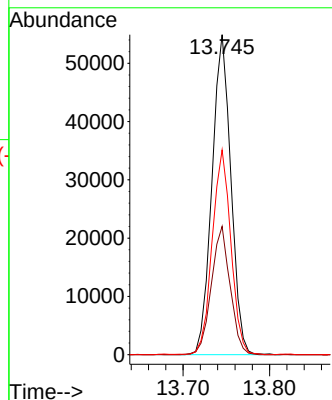
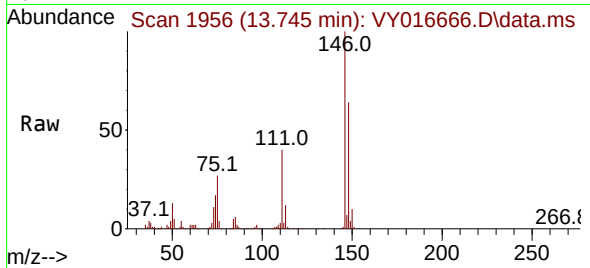
#91
1,2-Dichlorobenzene
Concen: 19.006 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument : MSVOA_Y
ClientSampleId : VY1216SBS02

Tgt Ion:146 Resp: 83270
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 63.3 32.0 96.2

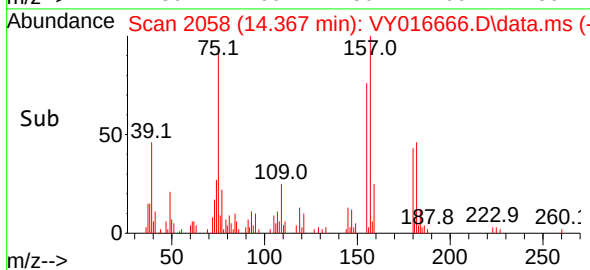
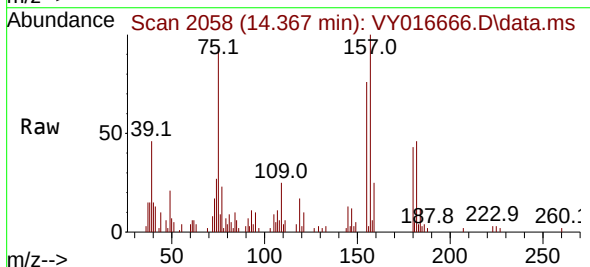
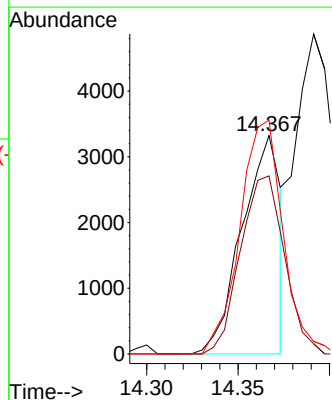
Manual Integrations
APPROVED

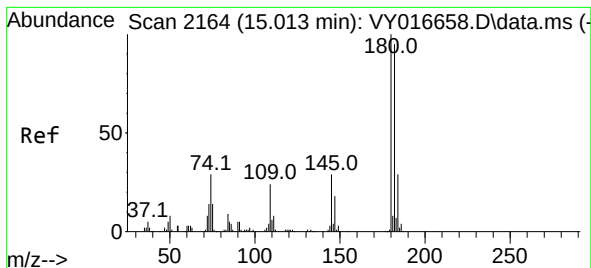
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.717 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 75 Resp: 4892
Ion Ratio Lower Upper
75 100
155 92.7 41.5 124.6
157 119.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.832 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

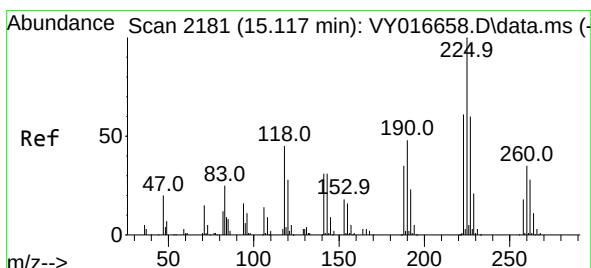
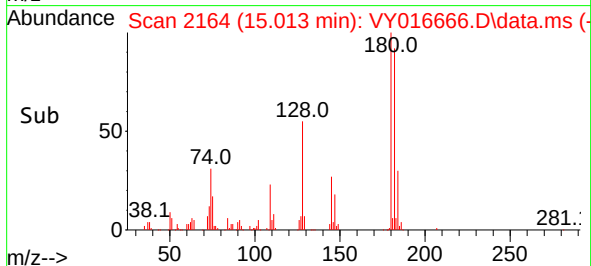
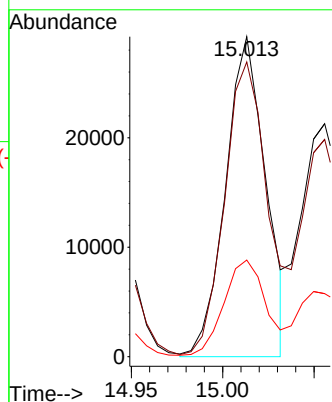
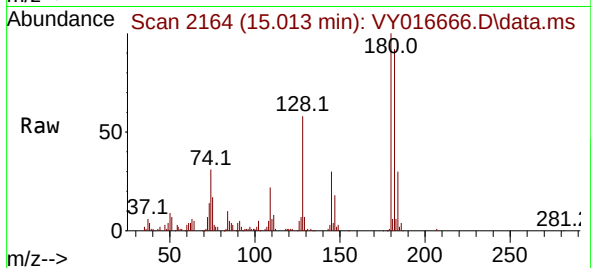
Tgt Ion:180 Resp: 4457

Ion	Ratio	Lower	Upper
180	100		
182	103.0	47.0	141.2
145	31.7	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#94

Hexachlorobutadiene

Concen: 19.095 ug/l

RT: 15.117 min Scan# 2181

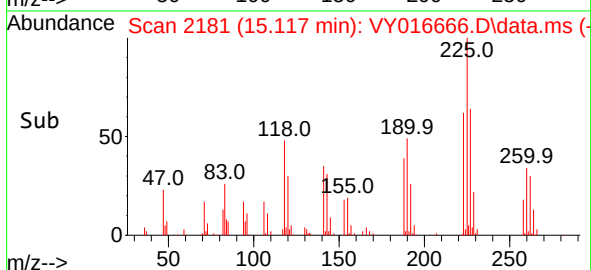
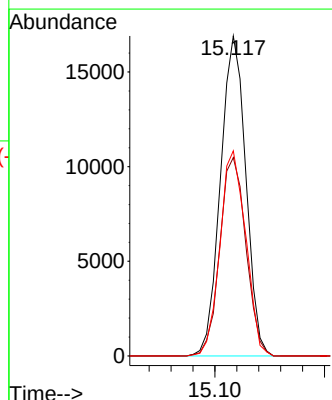
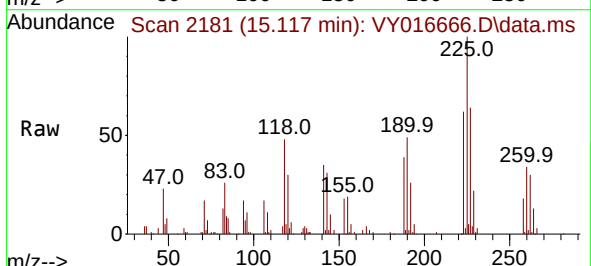
Delta R.T. -0.000 min

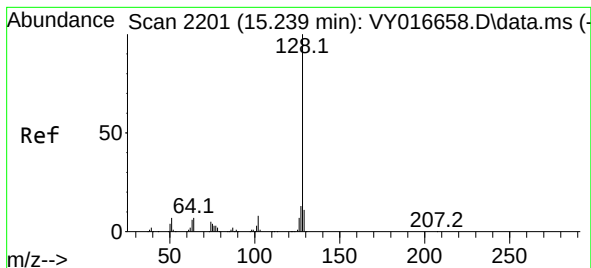
Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Tgt Ion:225 Resp: 27127

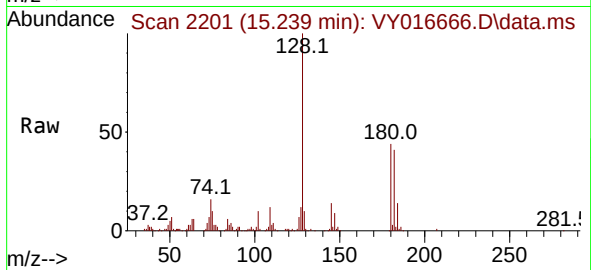
Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.9	95.9
227	65.1	33.0	98.9





#95
Naphthalene
Concen: 20.054 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

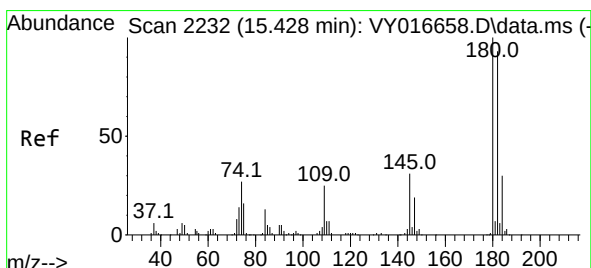
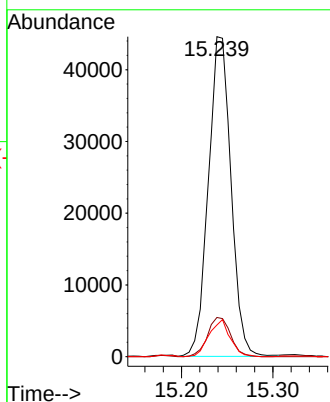
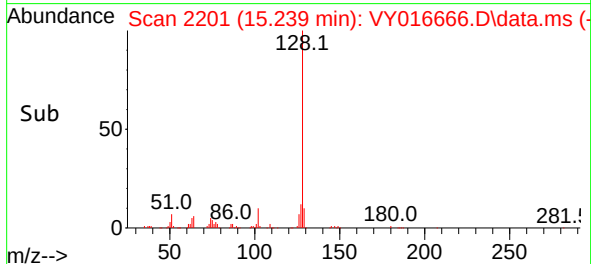
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



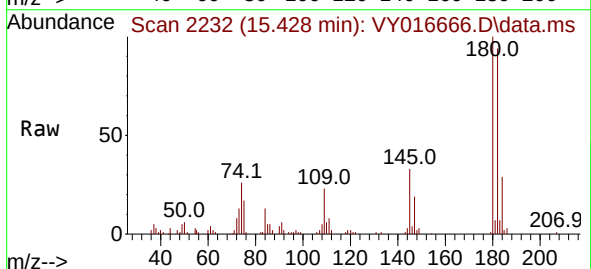
Tgt Ion:128 Resp: 7686
Ion Ratio Lower Upper
128 100
127 12.5 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.221 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34



Tgt Ion:180 Resp: 35549
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.8
145 31.1 15.4 46.2

