

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016381.D
 Acq On : 16 Nov 2023 11:28
 Operator : SY/MD
 Sample : VY1116SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:03:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	158986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254915	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	223752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73297	50.443	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.880%	
35) Dibromofluoromethane	7.722	113	77705	53.661	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.320%	
50) Toluene-d8	10.185	98	298182	50.778	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.483	95	96463	50.578	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	29076	18.677	ug/l	99
3) Chloromethane	2.113	50	30605	16.787	ug/l	95
4) Vinyl Chloride	2.253	62	32955	16.810	ug/l	99
5) Bromomethane	2.650	94	22061	17.123	ug/l	98
6) Chloroethane	2.796	64	22135	17.694	ug/l	95
7) Trichlorofluoromethane	3.125	101	54243	19.017	ug/l	96
8) Diethyl Ether	3.534	74	16132	18.924	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	31845	18.537	ug/l	96
10) Methyl Iodide	4.094	142	33197	17.892	ug/l	97
11) Tert butyl alcohol	4.960	59	10122	88.956	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	28780	17.914	ug/l	89
13) Acrolein	3.735	56	12692	92.476	ug/l	99
14) Allyl chloride	4.485	41	40787	17.890	ug/l #	92
15) Acrylonitrile	5.167	53	33038	97.659	ug/l	97
16) Acetone	3.948	43	29778	123.891	ug/l #	86
17) Carbon Disulfide	4.198	76	76550	15.792	ug/l	97
18) Methyl Acetate	4.479	43	24017	18.805	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	73674	18.947	ug/l	100
20) Methylene Chloride	4.716	84	38882	20.871	ug/l #	84
21) trans-1,2-Dichloroethene	5.228	96	32570	17.607	ug/l	89
22) Diisopropyl ether	6.125	45	93838	19.098	ug/l	89
23) Vinyl Acetate	6.064	43	221179	92.902	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	57182	18.865	ug/l	97
25) 2-Butanone	6.990	43	45105	107.139	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	52968	19.200	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	38264	19.194	ug/l	91
28) Bromochloromethane	7.338	49	21857	19.483	ug/l	85
29) Tetrahydrofuran	7.356	42	26064	93.666	ug/l	88
30) Chloroform	7.515	83	62081	19.676	ug/l	95
31) Cyclohexane	7.789	56	48234	16.860	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	57369	19.836	ug/l	97
36) 1,1-Dichloropropene	7.923	75	46014	18.300	ug/l	98
37) Ethyl Acetate	7.076	43	19291	18.988	ug/l #	94
38) Carbon Tetrachloride	7.905	117	51563	19.759	ug/l	95
39) Methylcyclohexane	9.185	83	54267	17.320	ug/l	91
40) Benzene	8.161	78	135422	19.169	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	10355	20.214	ug/l	96
42) 1,2-Dichloroethane	8.240	62	36343	19.855	ug/l	92
43) Isopropyl Acetate	8.277	43	36654	18.664	ug/l #	90
44) Trichloroethene	8.941	130	38655	19.039	ug/l	97
45) 1,2-Dichloropropane	9.216	63	33568	19.786	ug/l	97
46) Dibromomethane	9.307	93	17796	19.356	ug/l	98
47) Bromodichloromethane	9.502	83	47315	20.018	ug/l	100
48) Methyl methacrylate	9.295	41	20161	18.576	ug/l #	85
49) 1,4-Dioxane	9.301	88	3724	381.532	ug/l #	45
51) 4-Methyl-2-Pentanone	10.069	43	94052	94.708	ug/l	90
52) Toluene	10.246	92	85043	19.044	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	44725	19.519	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	52618	19.226	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	25655	20.246	ug/l	95
56) Ethyl methacrylate	10.508	69	22275	18.621	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	42608	19.726	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	76755	94.630	ug/l	93
59) 2-Hexanone	10.831	43	75629	102.386	ug/l	88
60) Dibromochloromethane	10.990	129	32328	20.399	ug/l	99
61) 1,2-Dibromoethane	11.093	107	24033	19.907	ug/l	99
64) Tetrachloroethene	10.721	164	38451	19.139	ug/l	97
65) Chlorobenzene	11.520	112	91418	19.123	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	35240	19.986	ug/l	99
67) Ethyl Benzene	11.593	91	163688	19.053	ug/l	100
68) m/p-Xylenes	11.703	106	124174	38.106	ug/l	95
69) o-Xylene	12.032	106	58239	19.249	ug/l	97
70) Styrene	12.044	104	85775	19.799	ug/l	98
71) Bromoform	12.209	173	18621	20.353	ug/l #	99
73) Isopropylbenzene	12.331	105	160653	18.928	ug/l	100
74) N-amyl acetate	12.148	43	30053	17.628	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	27133	19.923	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	35783	35.589	ug/l #	100
77) Bromobenzene	12.611	156	37171	19.378	ug/l	93
78) n-propylbenzene	12.672	91	191247	19.067	ug/l	100
79) 2-Chlorotoluene	12.758	91	106293	19.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	133249	19.472	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8761	18.914	ug/l	92
82) 4-Chlorotoluene	12.855	91	109515	19.173	ug/l	98
83) tert-Butylbenzene	13.075	119	118898	19.726	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	129150	19.168	ug/l	96
85) sec-Butylbenzene	13.257	105	165308	19.198	ug/l	100
86) p-Isopropyltoluene	13.373	119	142137	19.170	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	72529	19.653	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	70415	19.523	ug/l	98
89) n-Butylbenzene	13.696	91	128934	18.830	ug/l	97
90) Hexachloroethane	13.959	117	27845	19.468	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	62187	19.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3955	18.253	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	35411	19.184	ug/l	100
94) Hexachlorobutadiene	15.117	225	21025	19.881	ug/l	98
95) Naphthalene	15.239	128	62175	18.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	28621	18.746	ug/l	98

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QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

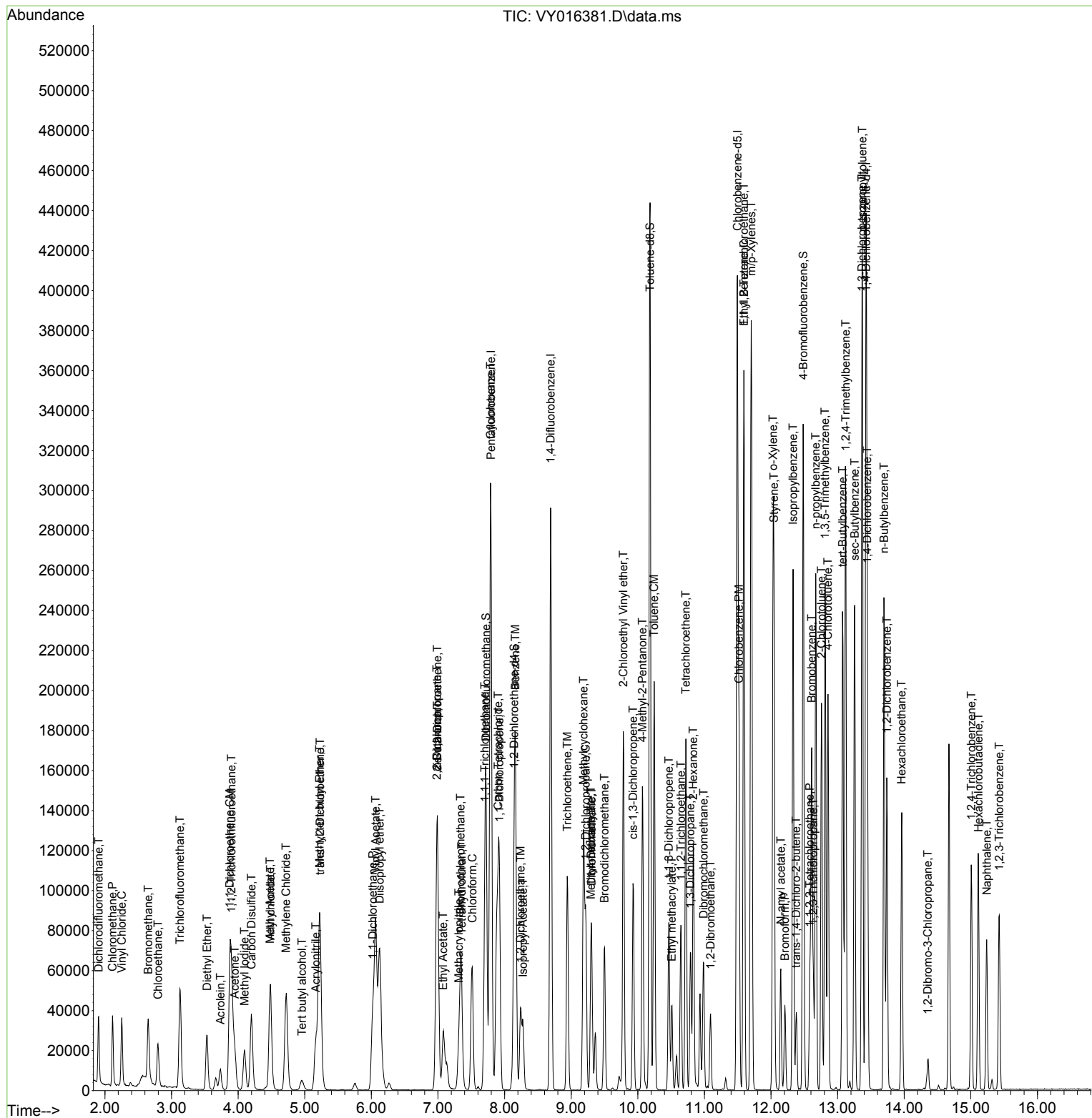
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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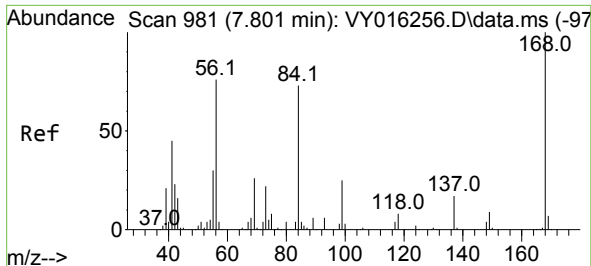
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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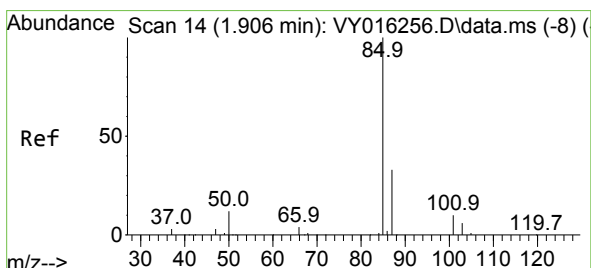
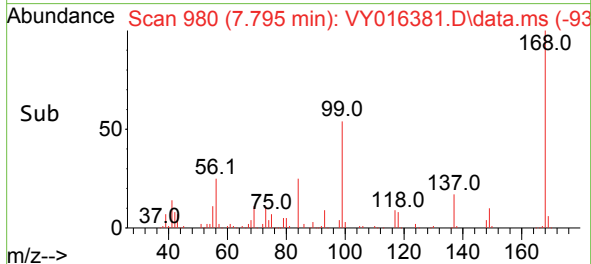
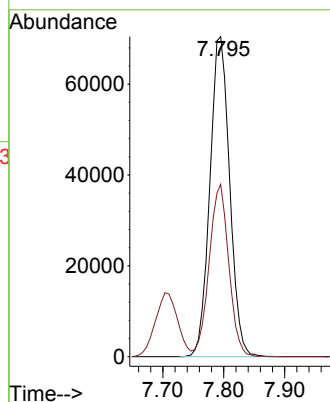
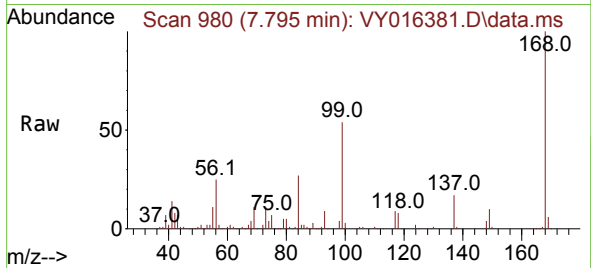




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016381.D
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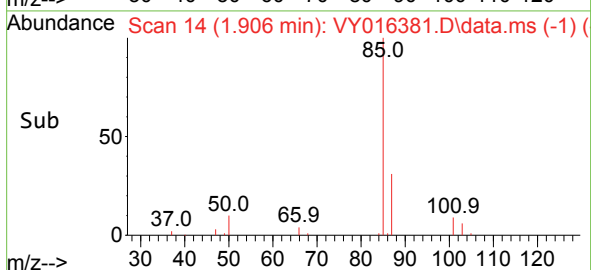
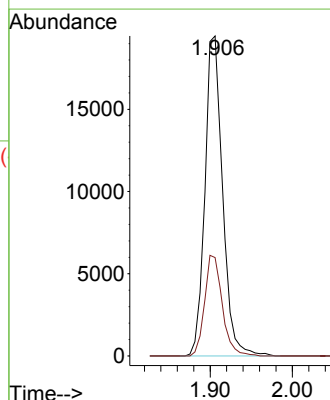
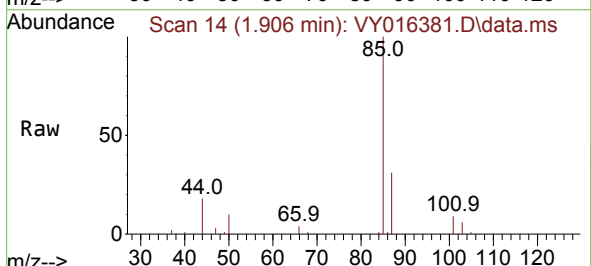
Instrument :
MSVOA_Y
ClientSampleId :

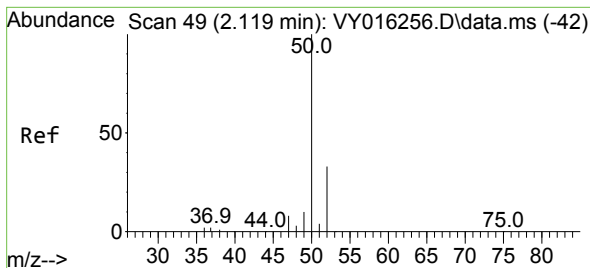
Tgt Ion:168 Resp: 158986
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.677 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 85 Resp: 29076
Ion Ratio Lower Upper
85 100
87 30.8 15.6 46.8





#3

Chloromethane

Concen: 16.787 ug/l

RT: 2.113 min Scan# 49

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

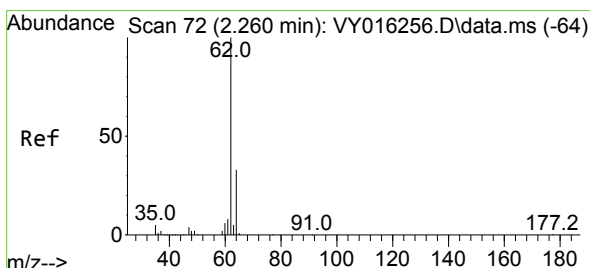
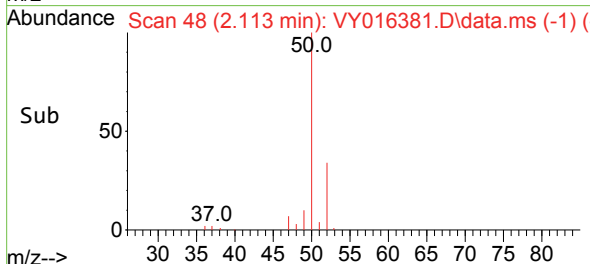
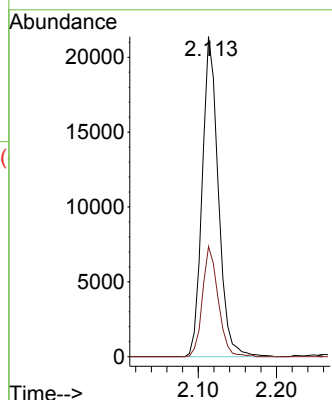
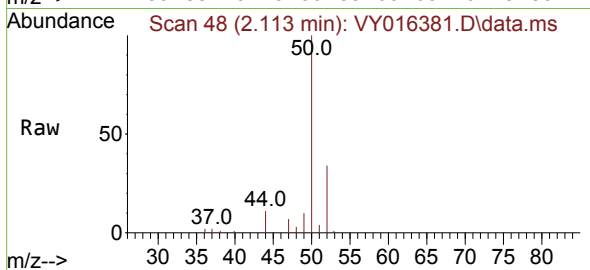
ClientSampleId :

Tgt Ion: 50 Resp: 30605

Ion Ratio Lower Upper

50 100

52 34.5 25.4 38.2



#4

Vinyl Chloride

Concen: 16.810 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY016381.D

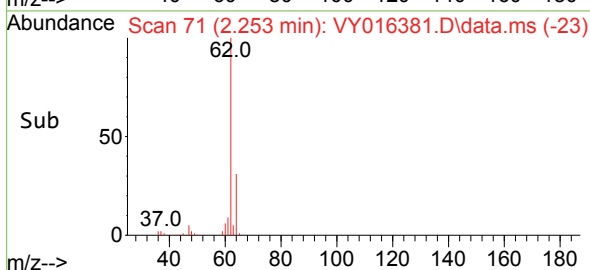
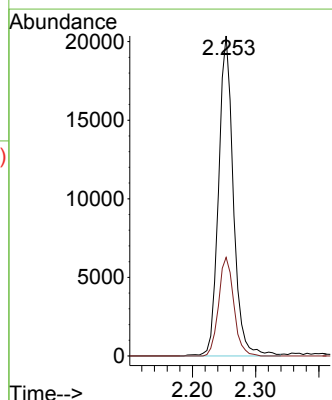
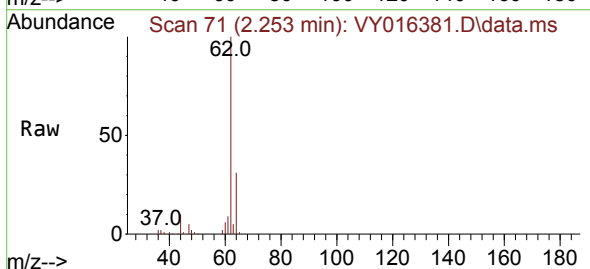
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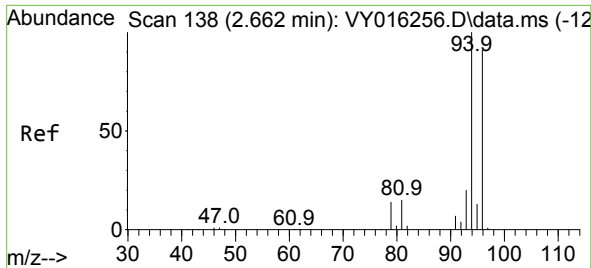
Tgt Ion: 62 Resp: 32955

Ion Ratio Lower Upper

62 100

64 30.8 24.3 36.5

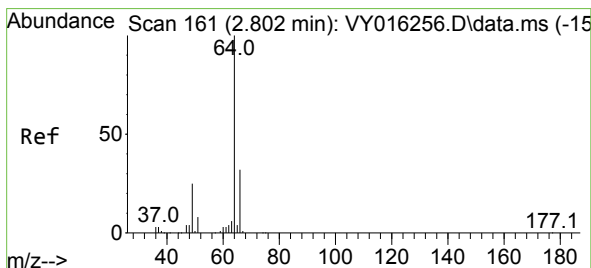
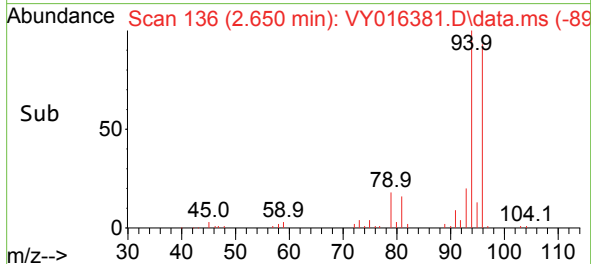
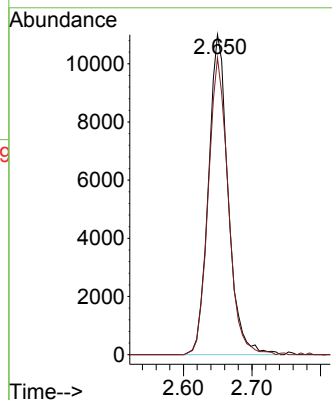
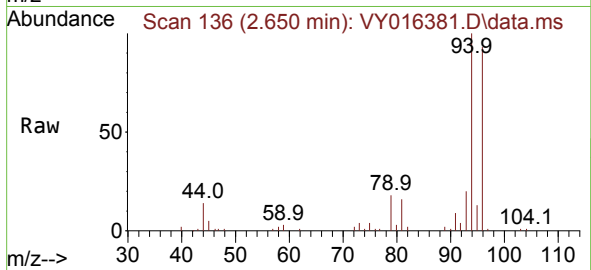




#5
Bromomethane
Concen: 17.123 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
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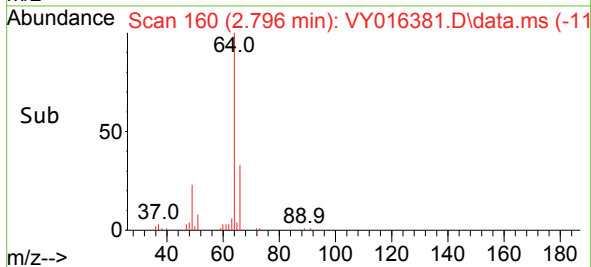
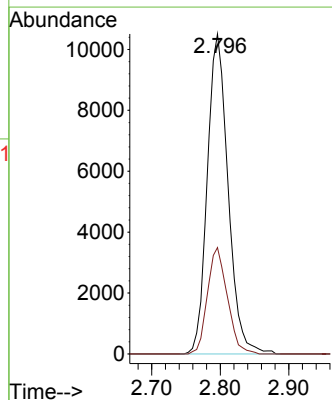
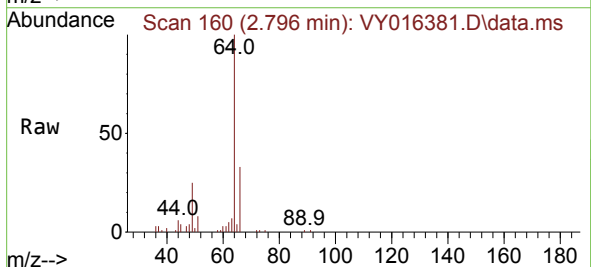
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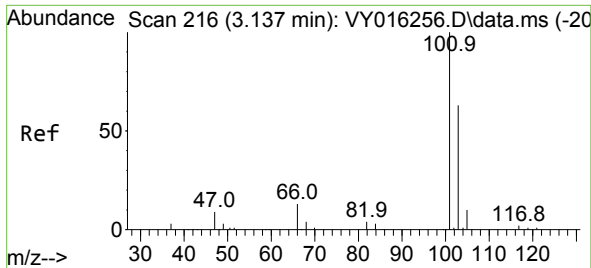
Tgt Ion: 94 Resp: 22061
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6



#6
Chloroethane
Concen: 17.694 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 64 Resp: 22135
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6

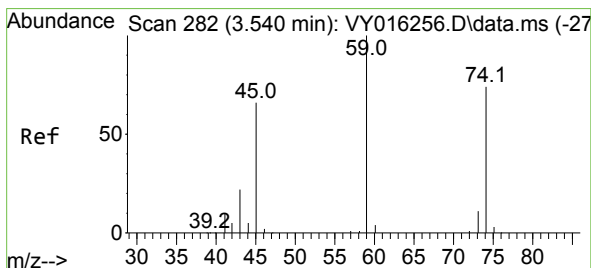
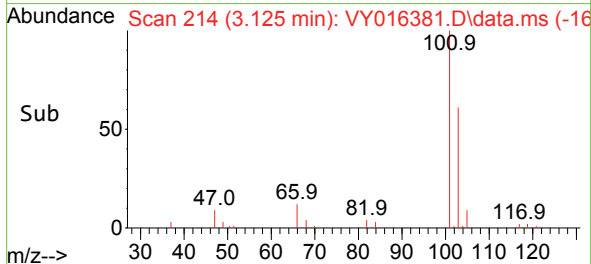
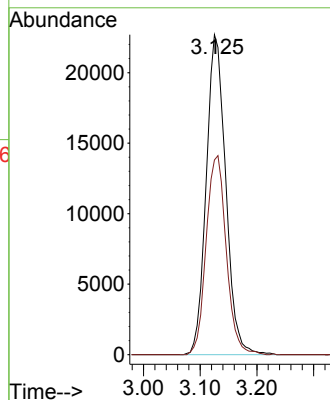
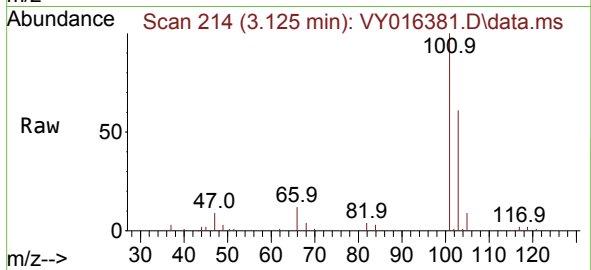




#7
 Trichlorofluoromethane
 Concen: 19.017 ug/l
 RT: 3.125 min Scan# 216
 Delta R.T. -0.012 min
 Lab File: VY016381.D
 Acq: 16 Nov 2023 11:28

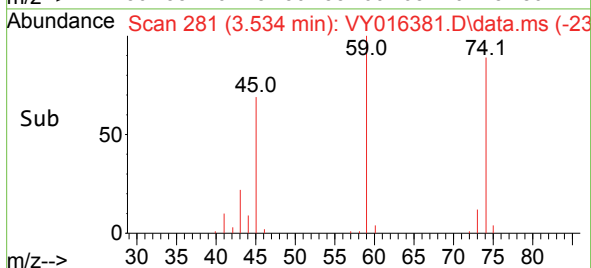
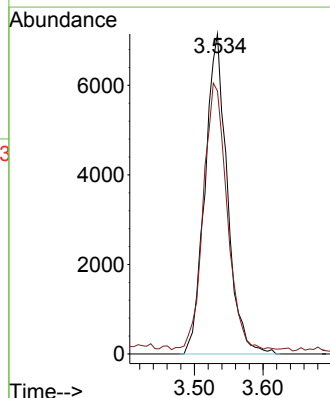
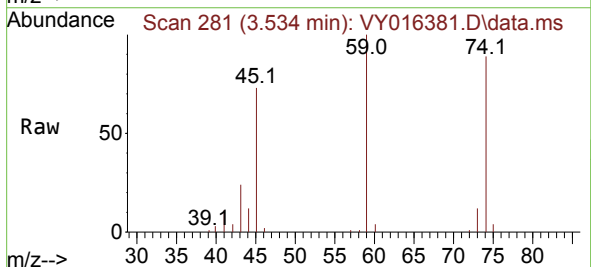
Instrument :
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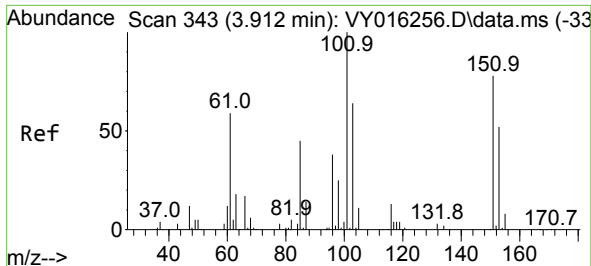
Tgt Ion:101 Resp: 54243
 Ion Ratio Lower Upper
 101 100
 103 60.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.924 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 16132
 Ion Ratio Lower Upper
 74 100
 45 87.7 51.5 154.5

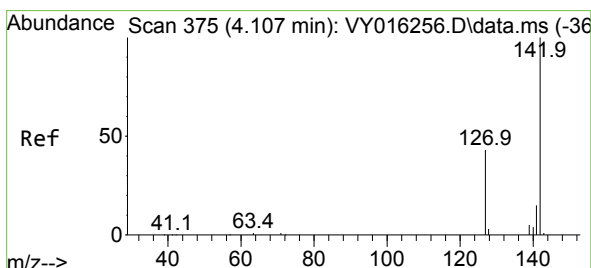
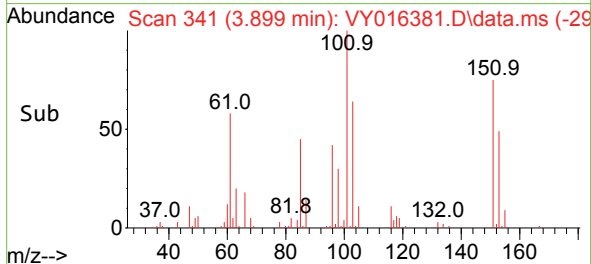
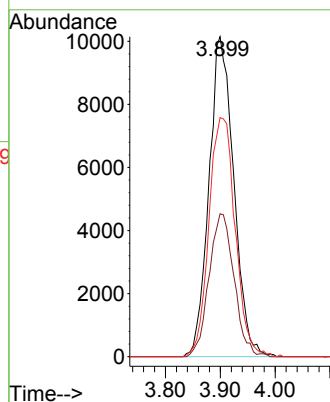
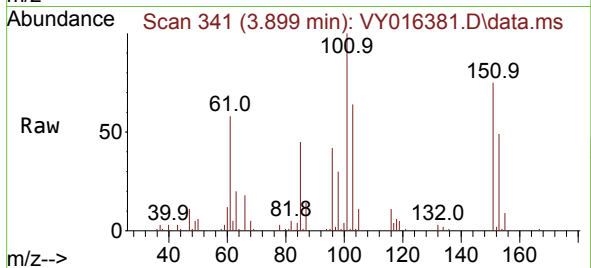




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.537 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

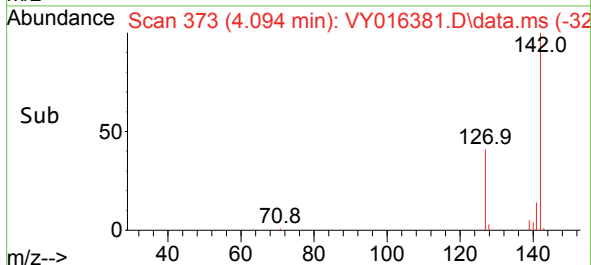
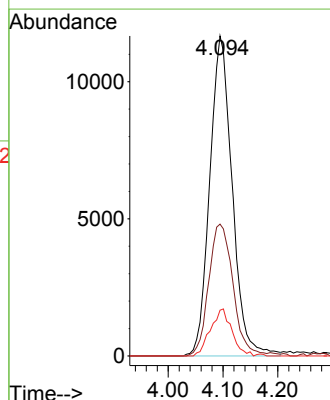
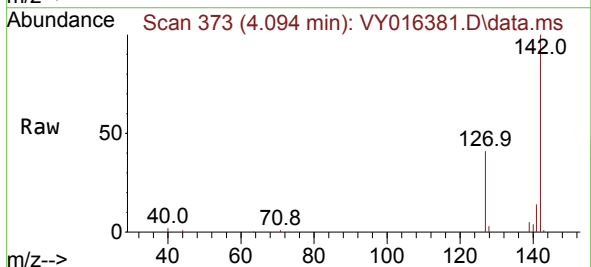
Instrument :
MSVOA_Y
ClientSampleId :

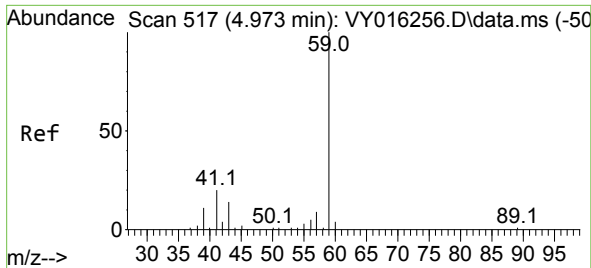
Tgt Ion:101 Resp: 31845
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 79.1 67.0 100.6



#10
Methyl Iodide
Concen: 17.892 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion:142 Resp: 33197
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.0 11.8 17.8

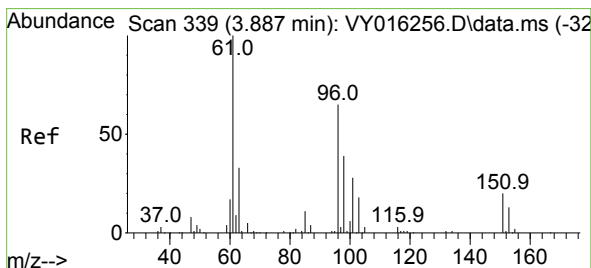
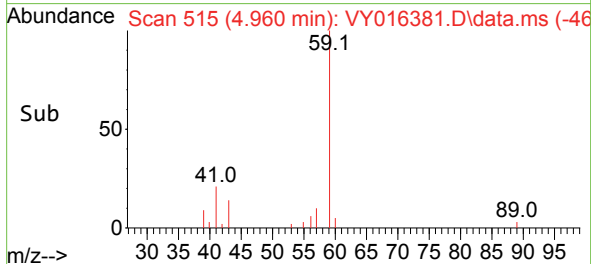
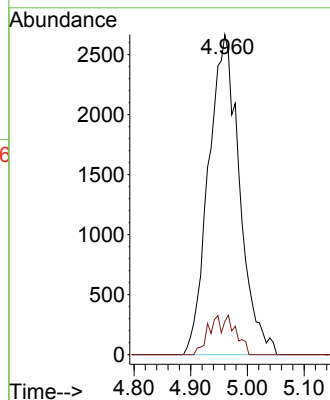
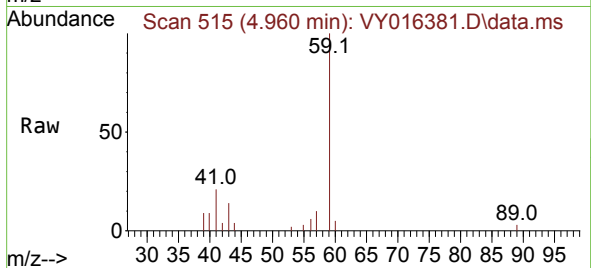




#11
Tert butyl alcohol
Concen: 88.956 ug/l
RT: 4.960 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

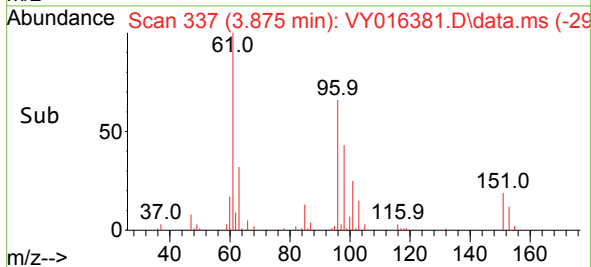
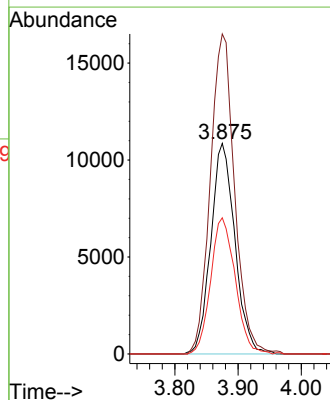
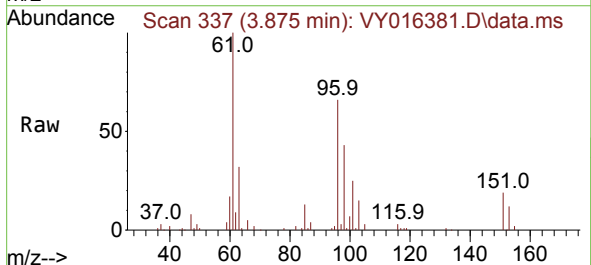
Instrument :
MSVOA_Y
ClientSampleId :

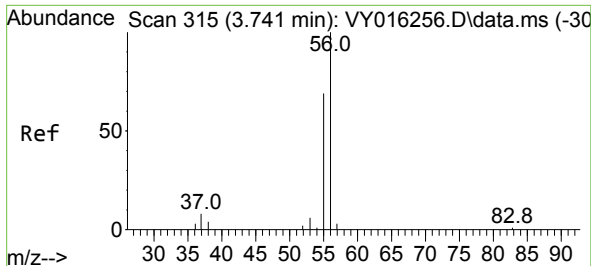
Tgt Ion: 59 Resp: 10122
Ion Ratio Lower Upper
59 100
57 5.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 17.914 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 96 Resp: 28780
Ion Ratio Lower Upper
96 100
61 152.0 136.4 204.6
98 64.7 49.4 74.2

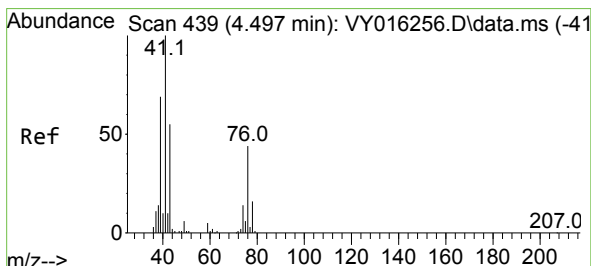
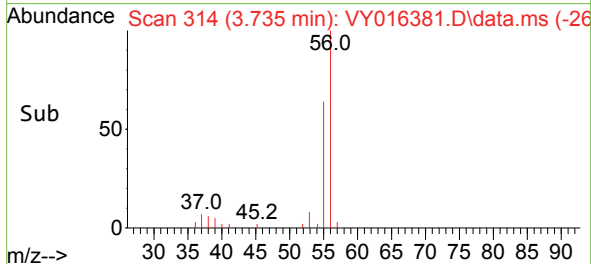
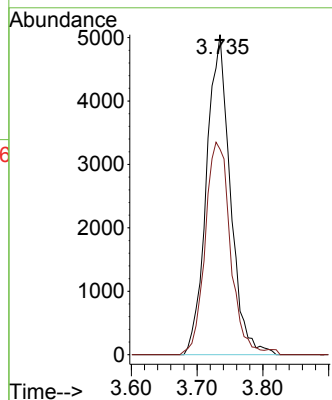
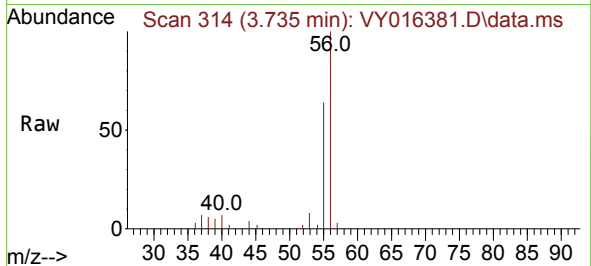




#13
Acrolein
Concen: 92.476 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

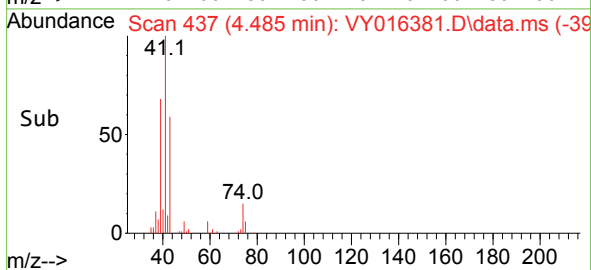
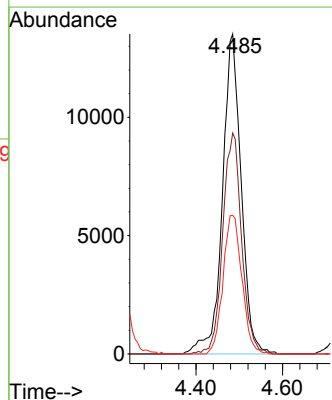
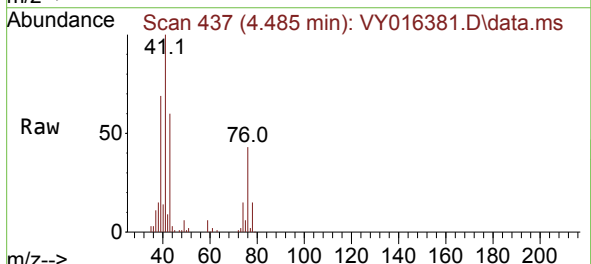
Instrument :
MSVOA_Y
ClientSampleId :

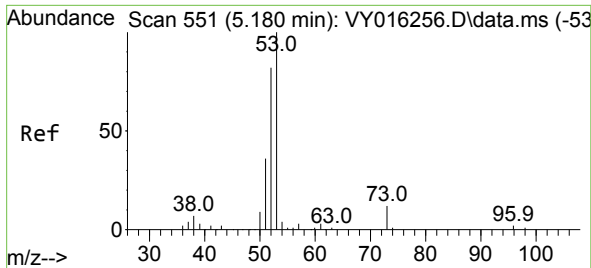
Tgt Ion: 56 Resp: 12692
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4



#14
Allyl chloride
Concen: 17.890 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

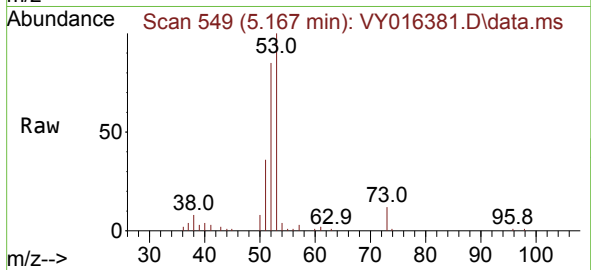
Tgt Ion: 41 Resp: 40787
Ion Ratio Lower Upper
41 100
39 69.4 58.0 87.0
76 43.6 27.4 41.2#



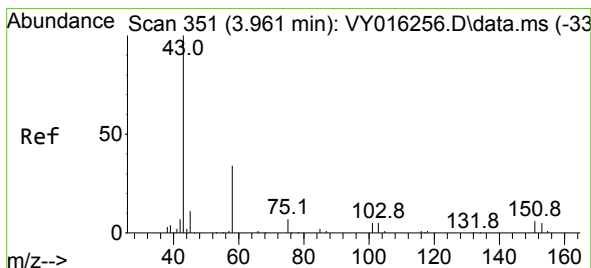
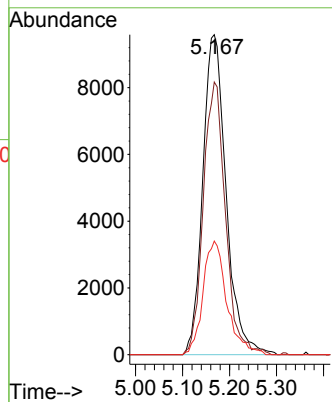
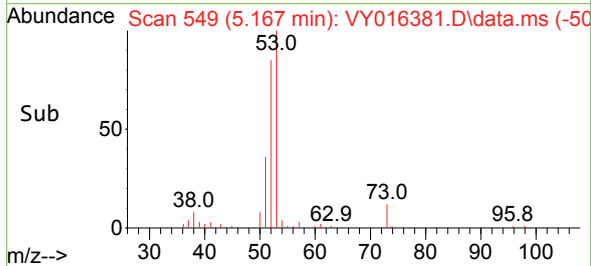


#15
Acrylonitrile
Concen: 97.659 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :

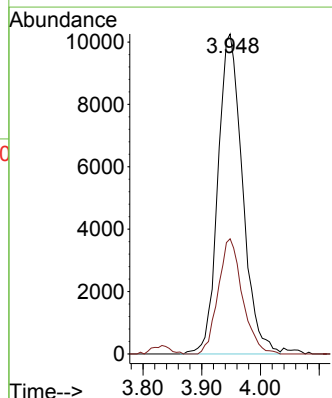
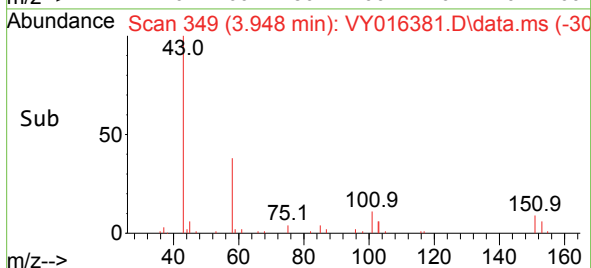
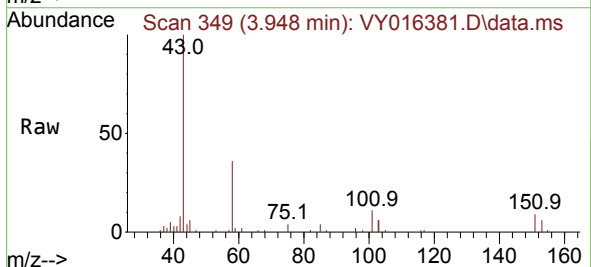


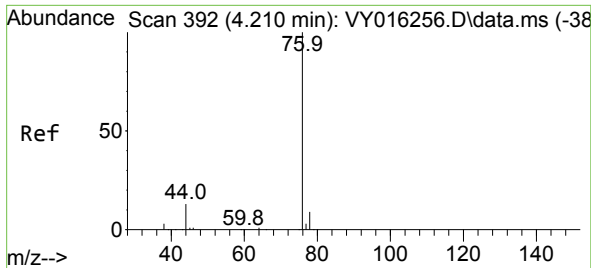
Tgt Ion: 53	Resp: 33038
Ion Ratio	Lower Upper
53 100	
52 80.8	66.9 100.3
51 36.3	29.8 44.6



#16
Acetone
Concen: 123.891 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 43	Resp: 29778
Ion Ratio	Lower Upper
43 100	
58 36.0	22.7 34.1#

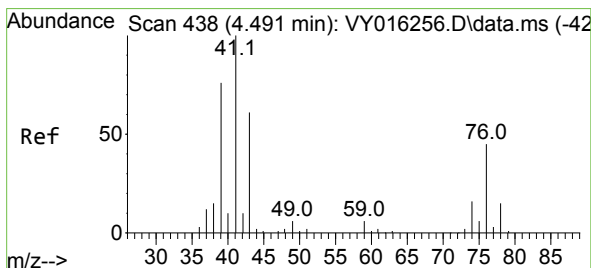
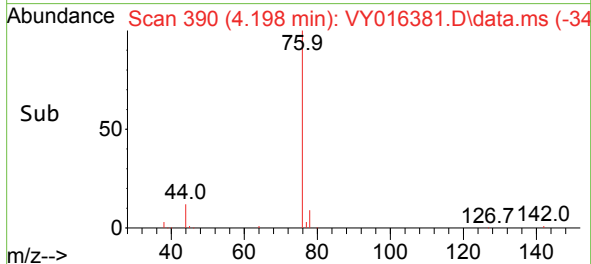
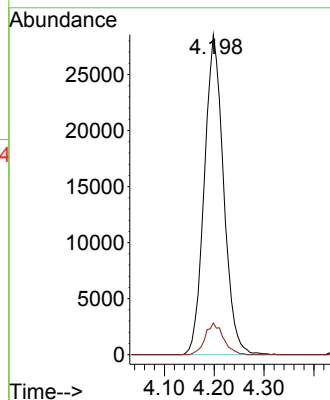
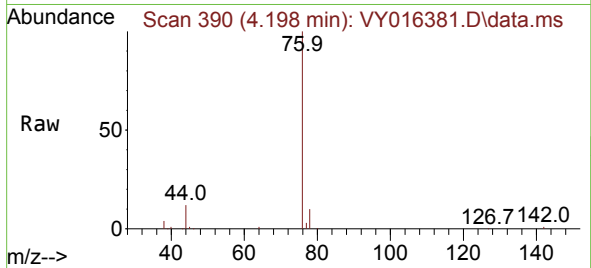




#17
Carbon Disulfide
Concen: 15.792 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

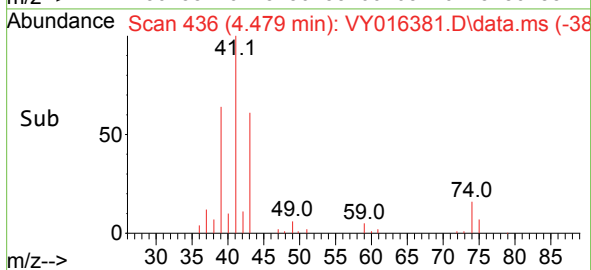
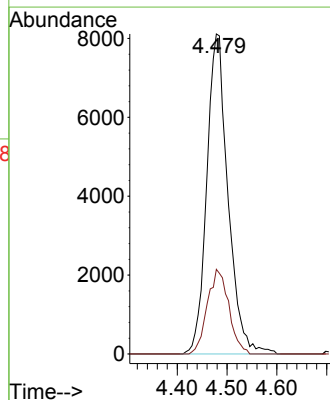
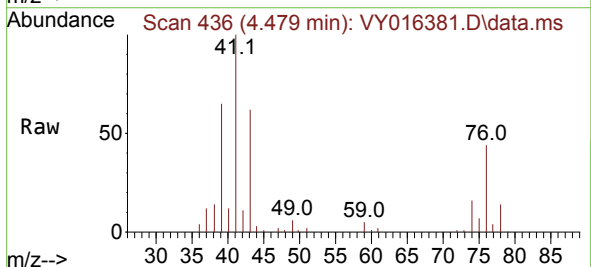
Instrument :
MSVOA_Y
ClientSampleId :

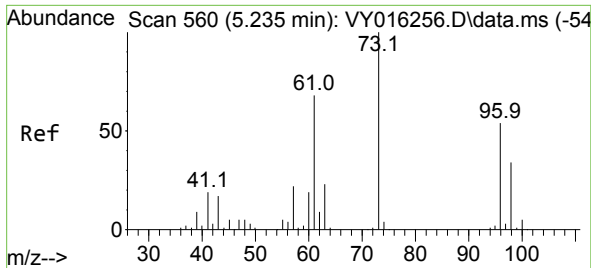
Tgt Ion: 76 Resp: 76550
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#18
Methyl Acetate
Concen: 18.805 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 43 Resp: 24017
Ion Ratio Lower Upper
43 100
74 26.7 17.4 26.0#

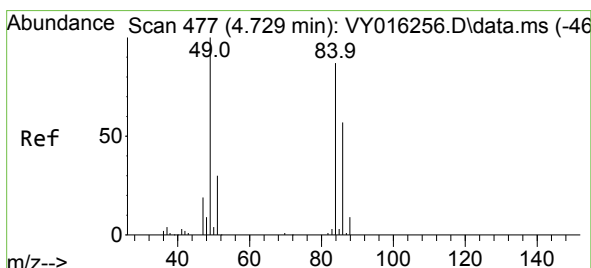
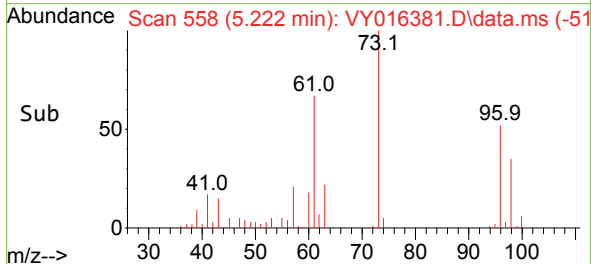
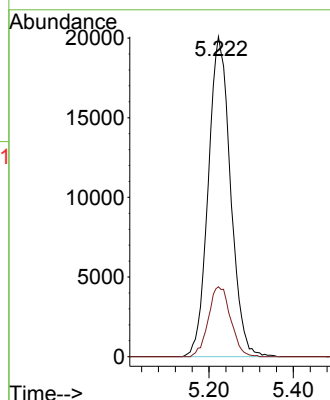
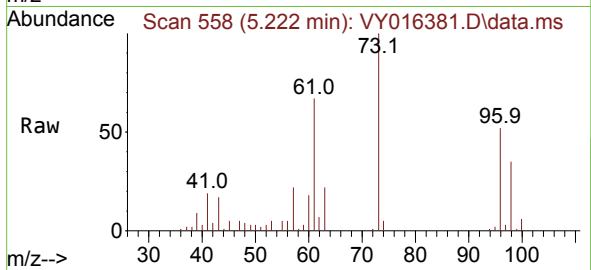




#19
Methyl tert-butyl Ether
Concen: 18.947 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

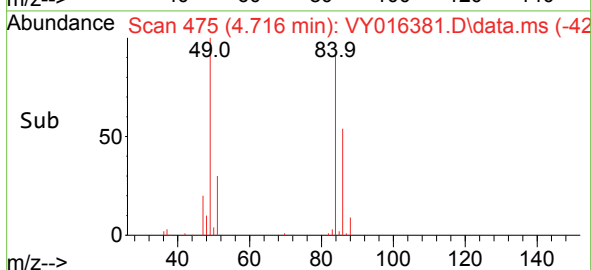
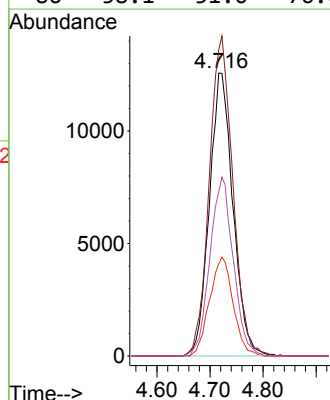
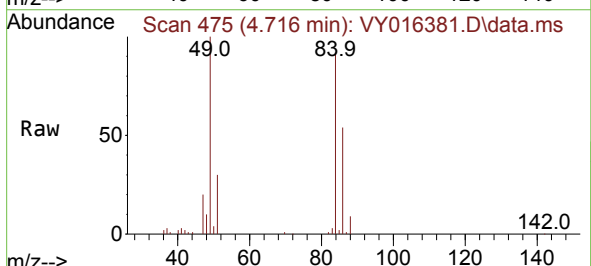
Instrument :
MSVOA_Y
ClientSampleId :

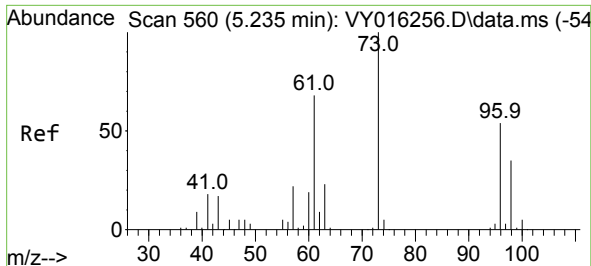
Tgt Ion: 73 Resp: 73674
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 20.871 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

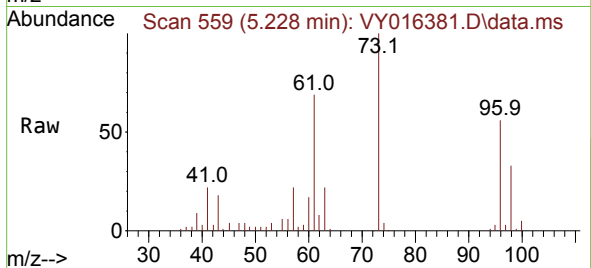
Tgt Ion: 84 Resp: 38882
Ion Ratio Lower Upper
84 100
49 108.3 106.9 160.3
51 32.6 33.2 49.8#
86 58.1 51.0 76.6



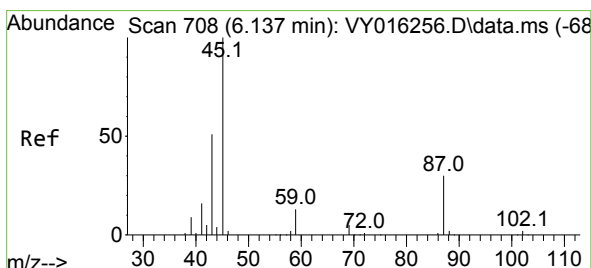
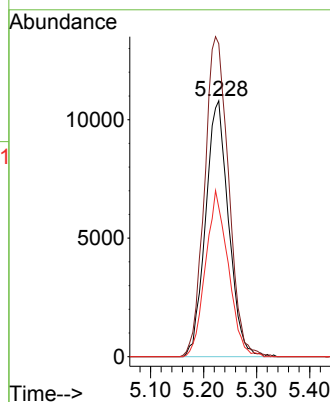
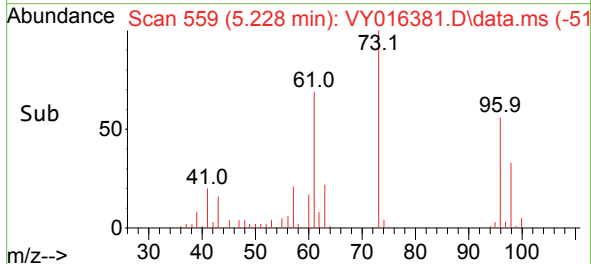


#21
trans-1,2-Dichloroethene
Concen: 17.607 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

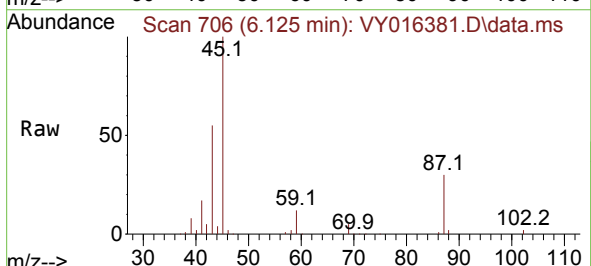
Instrument :
MSVOA_Y
ClientSampleId :



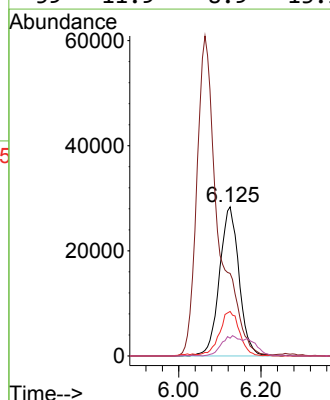
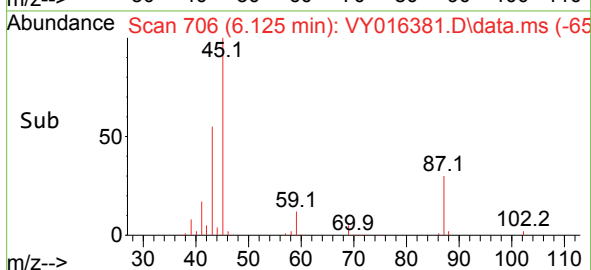
Tgt Ion: 96 Resp: 32570
Ion Ratio Lower Upper
96 100
61 122.3 110.2 165.4
98 58.4 51.8 77.6

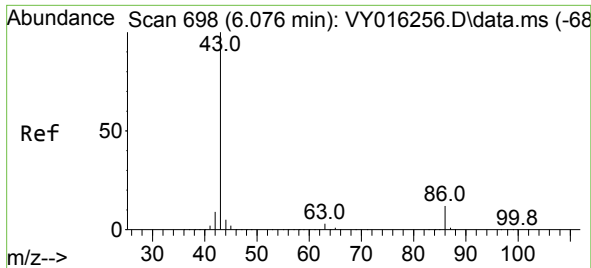


#22
Diisopropyl ether
Concen: 19.098 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28



Tgt Ion: 45 Resp: 93838
Ion Ratio Lower Upper
45 100
43 54.4 52.2 78.4
87 29.8 21.0 31.6
59 11.9 8.9 13.3

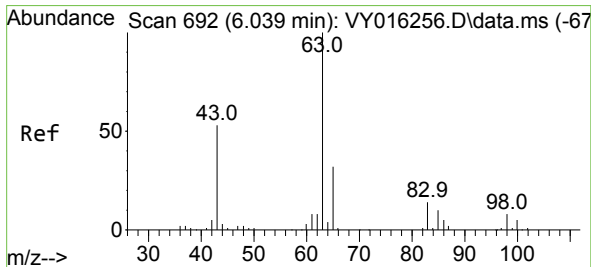
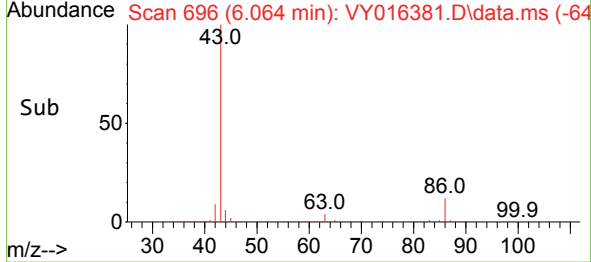
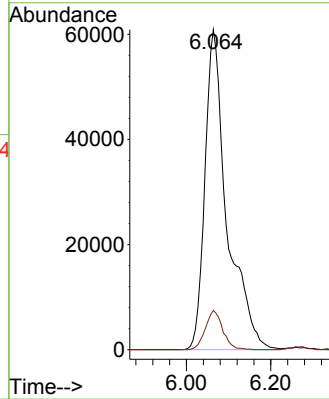
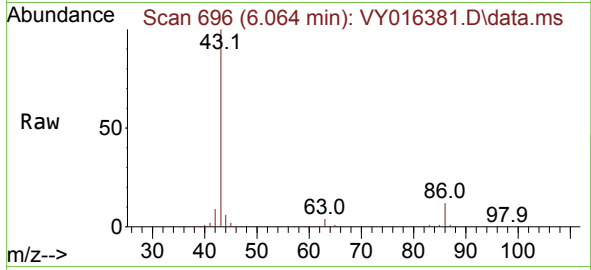




#23
 Vinyl Acetate
 Concen: 92.902 ug/l
 RT: 6.064 min Scan# 698
 Delta R.T. -0.012 min
 Lab File: VY016381.D
 Acq: 16 Nov 2023 11:28

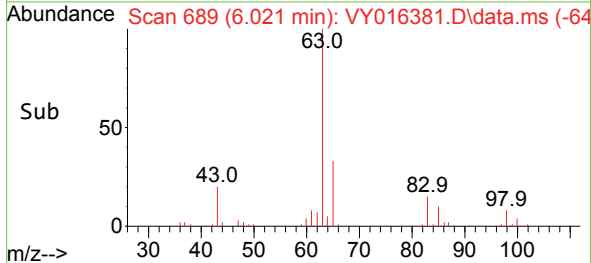
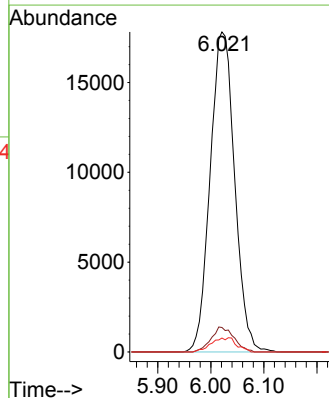
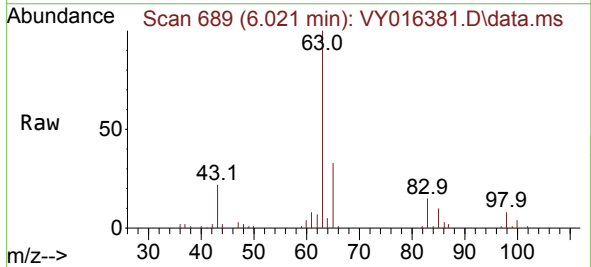
Instrument :
 MSVOA_Y
 ClientSampleId :

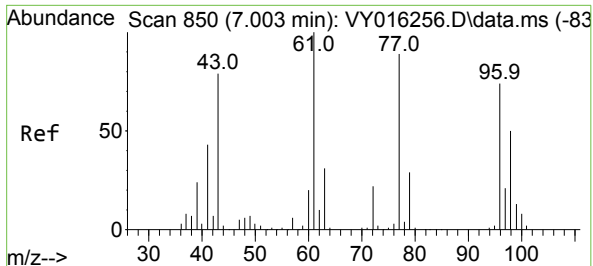
Tgt Ion: 43 Resp: 221179
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 18.865 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.018 min
 Lab File: VY016381.D
 Acq: 16 Nov 2023 11:28

Tgt Ion: 63 Resp: 57182
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 107.139 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

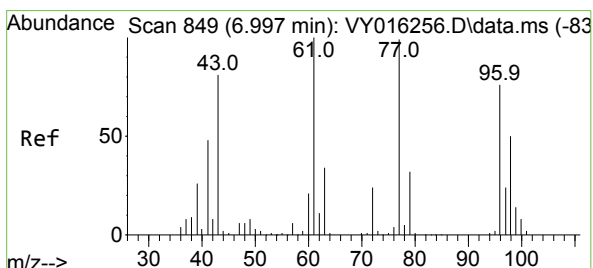
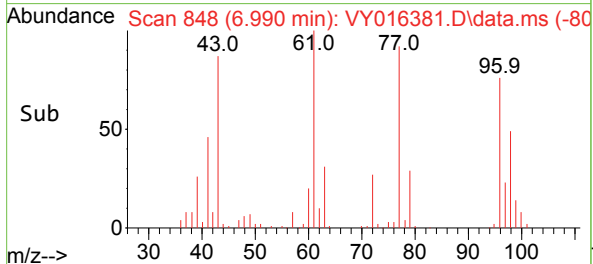
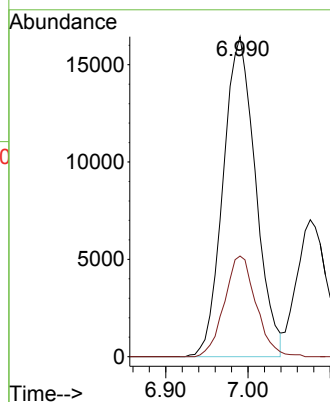
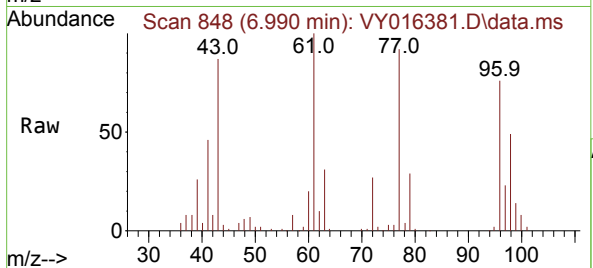
ClientSampleId :

Tgt Ion: 43 Resp: 45105

Ion Ratio Lower Upper

43 100

72 31.5 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 19.200 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016381.D

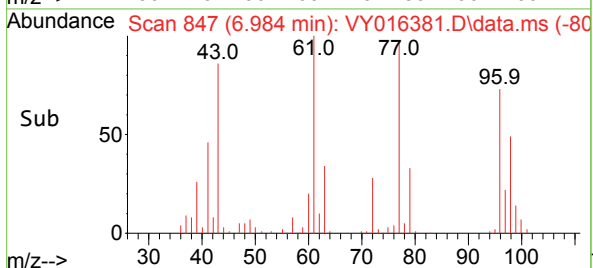
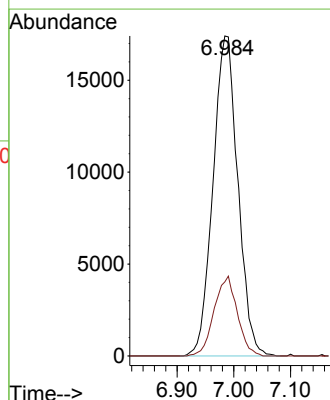
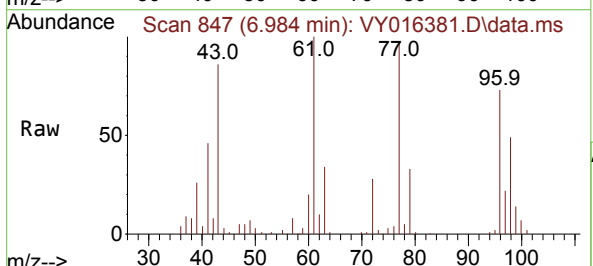
Acq: 16 Nov 2023 11:28

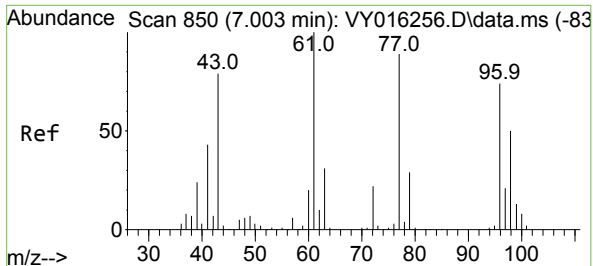
Tgt Ion: 77 Resp: 52968

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.194 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

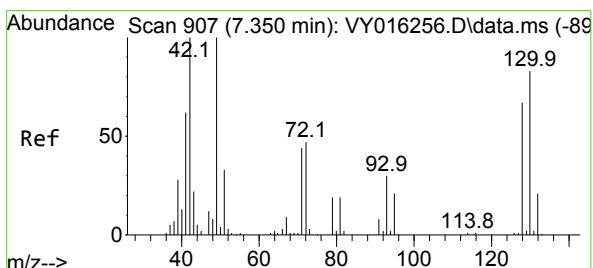
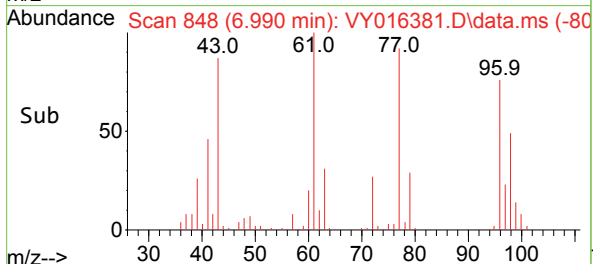
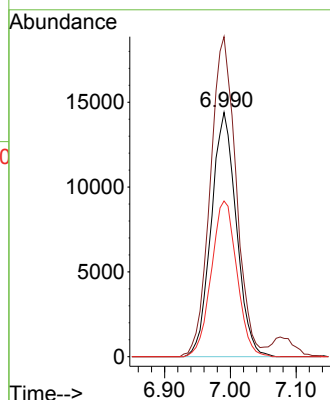
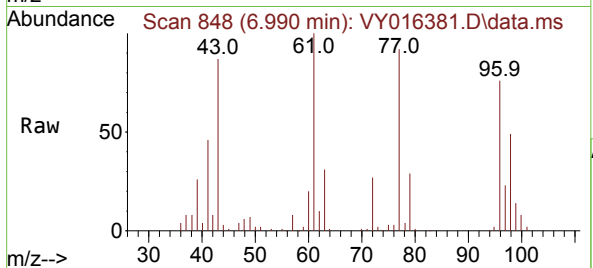
Tgt Ion: 96 Resp: 38264

Ion Ratio Lower Upper

96 100

61 134.9 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 19.483 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

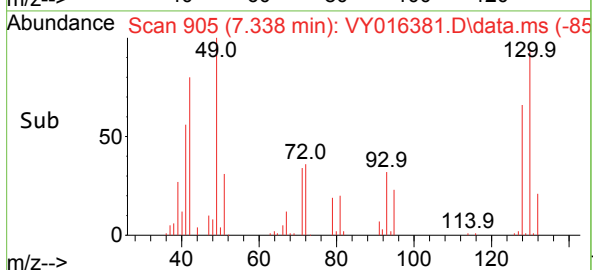
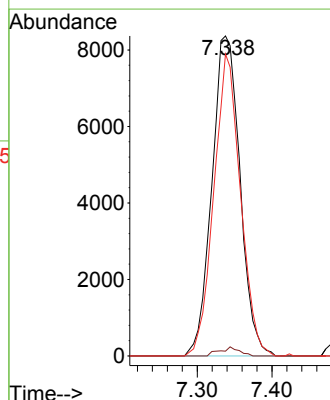
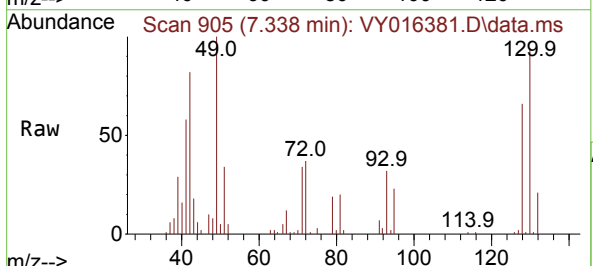
Tgt Ion: 49 Resp: 21857

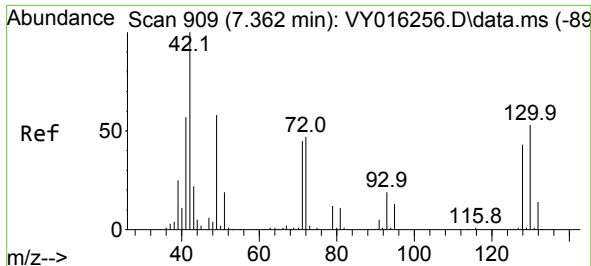
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 89.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 93.666 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016381.D

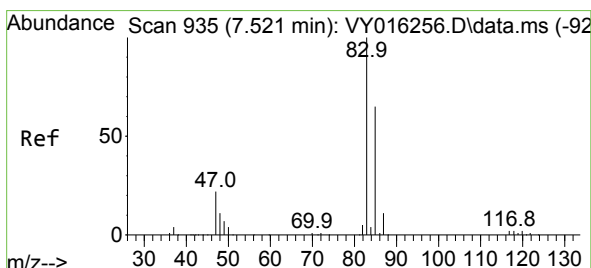
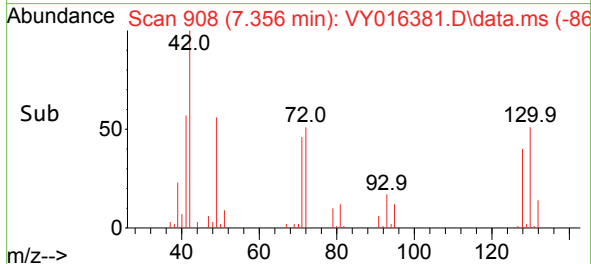
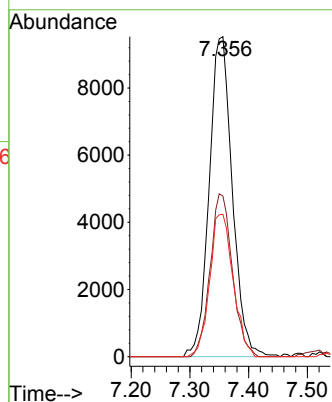
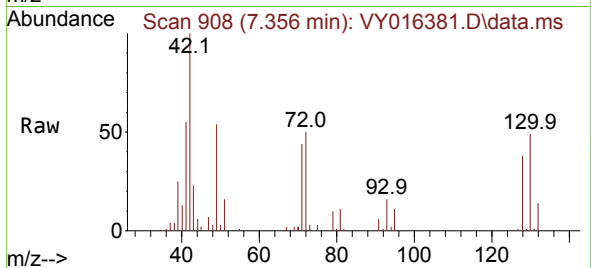
Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 26064
Ion Ratio	Lower Upper
42	100
72	48.9 32.8 49.2
71	45.0 31.0 46.4



#30

Chloroform

Concen: 19.676 ug/l

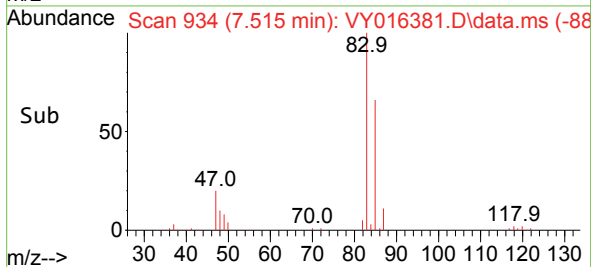
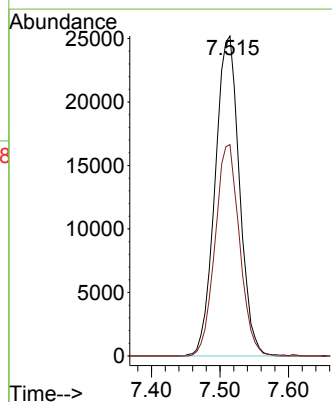
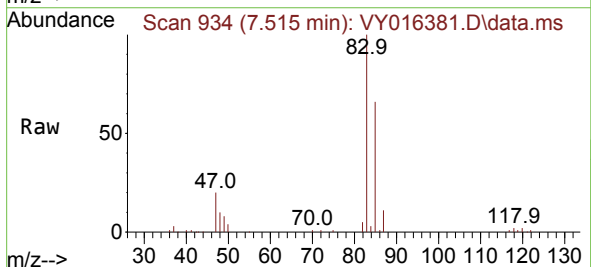
RT: 7.515 min Scan# 934

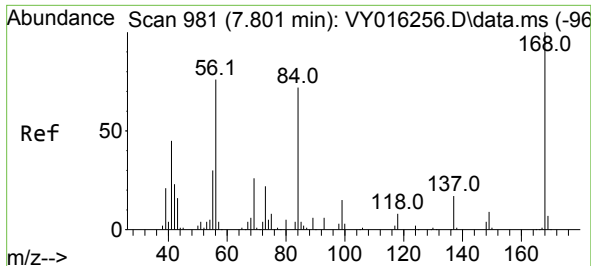
Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

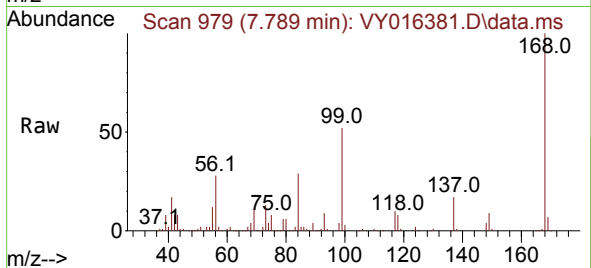
Tgt Ion: 83	Resp: 62081
Ion Ratio	Lower Upper
83	100
85	66.1 49.7 74.5



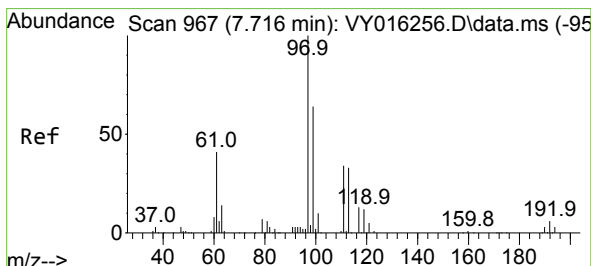
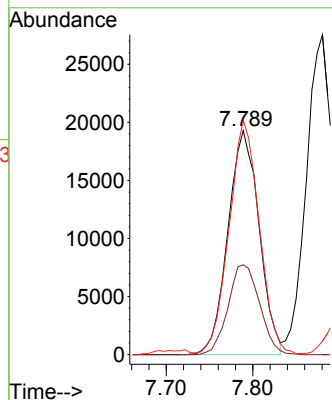
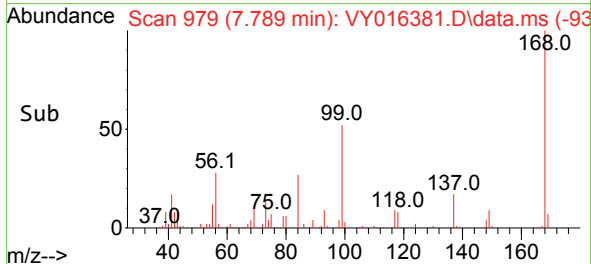


#31
Cyclohexane
Concen: 16.860 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :

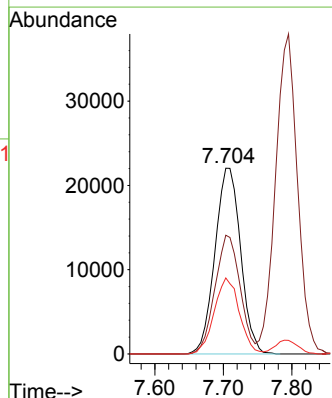
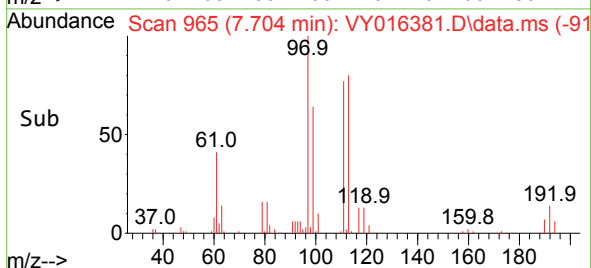
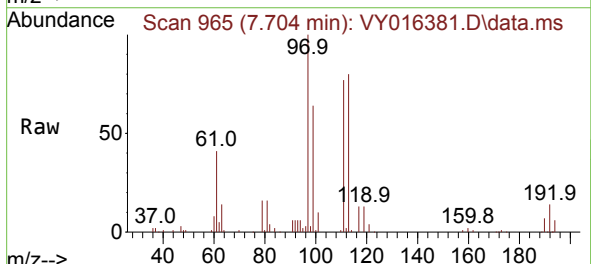


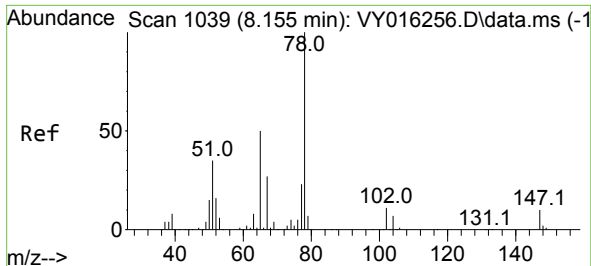
Tgt Ion: 56 Resp: 48234
Ion Ratio Lower Upper
56 100
69 40.1 27.8 41.6
84 102.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 19.836 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 97 Resp: 57369
Ion Ratio Lower Upper
97 100
99 62.6 50.8 76.2
61 40.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.443 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

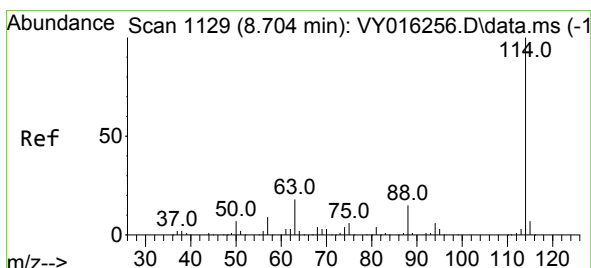
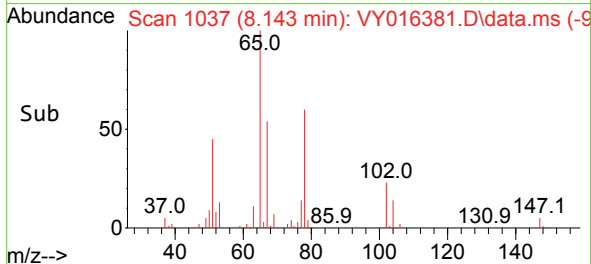
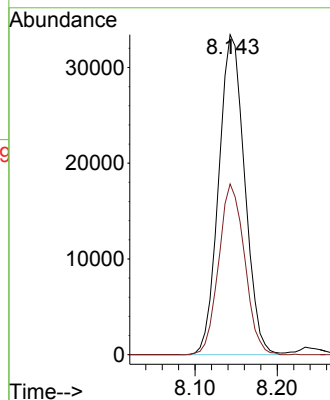
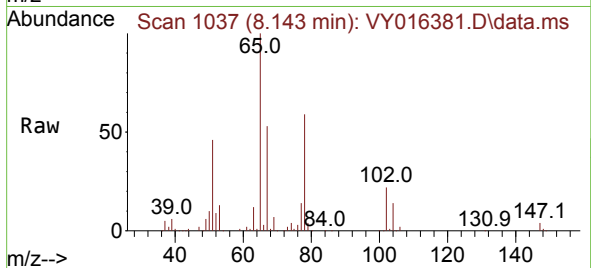
ClientSampleId :

Tgt Ion: 65 Resp: 73297

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

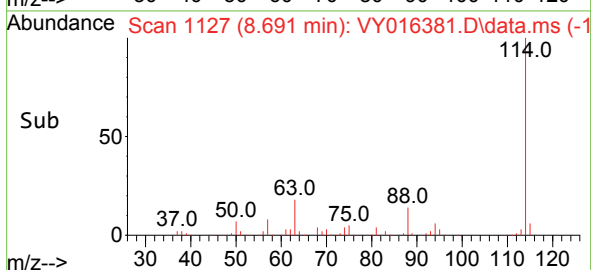
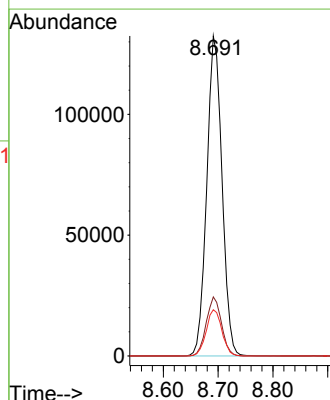
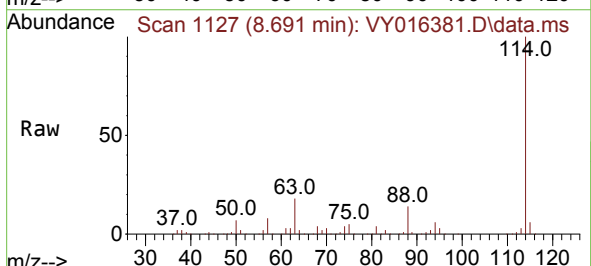
Tgt Ion: 114 Resp: 254915

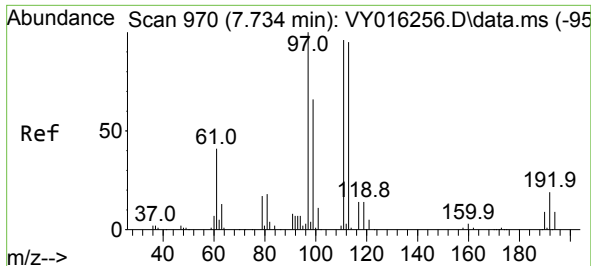
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

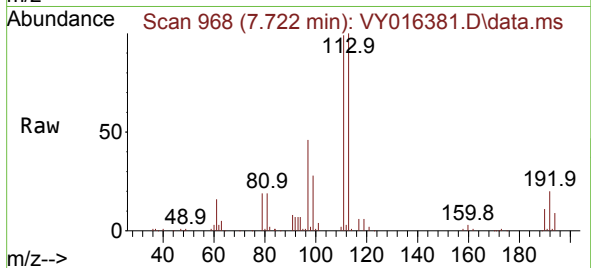
88 14.5 0.0 30.6



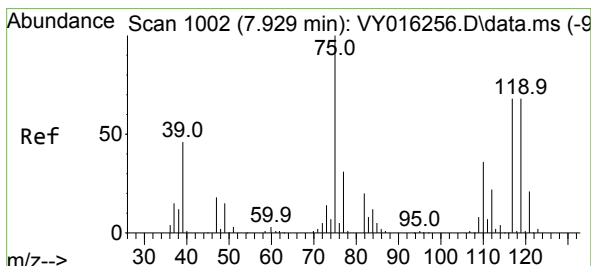
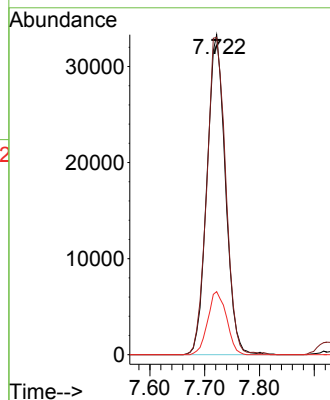
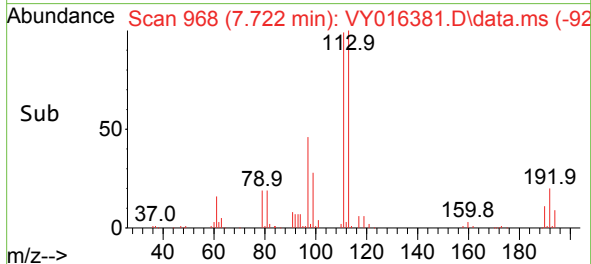


#35
Dibromofluoromethane
Concen: 53.661 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

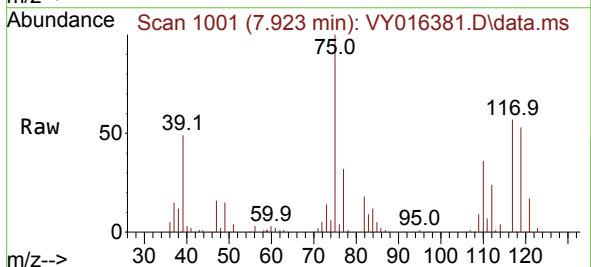
Instrument :
MSVOA_Y
ClientSampleId :



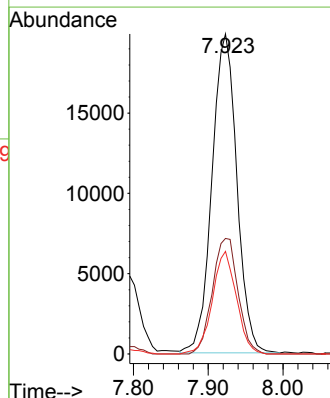
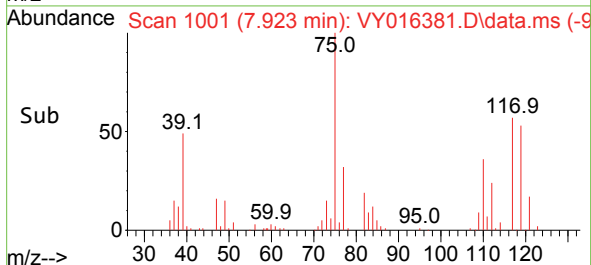
Tgt Ion:113 Resp: 77705
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.0 16.9 25.3

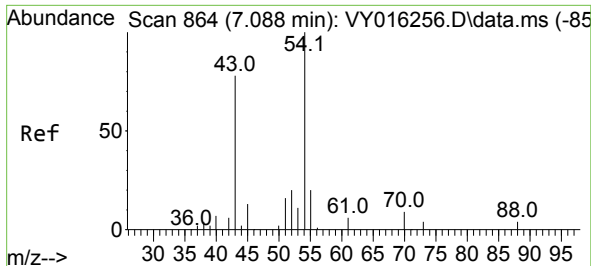


#36
1,1-Dichloropropene
Concen: 18.300 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28



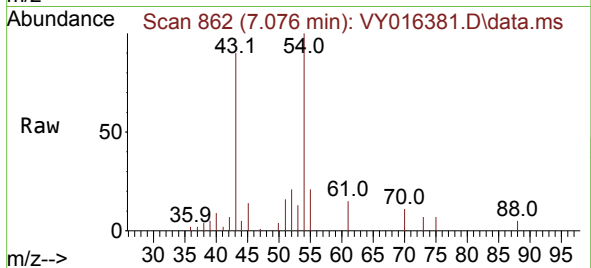
Tgt Ion: 75 Resp: 46014
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 31.1 24.4 36.6



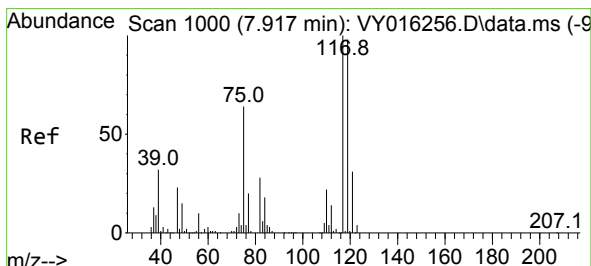
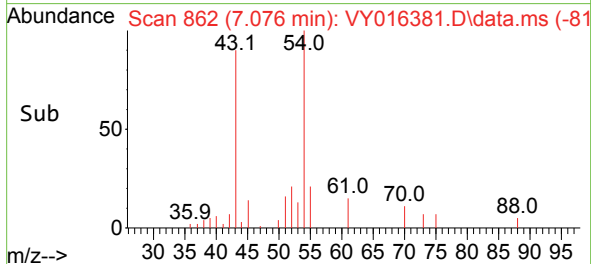
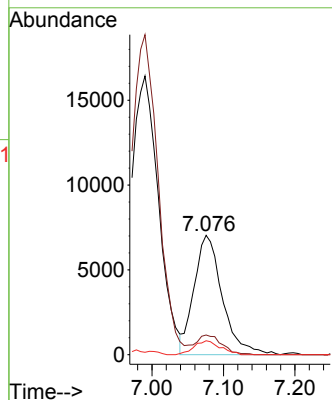


#37
Ethyl Acetate
Concen: 18.988 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :

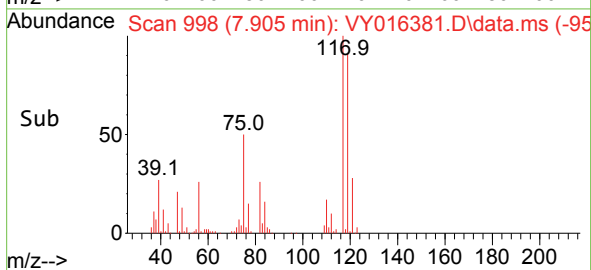
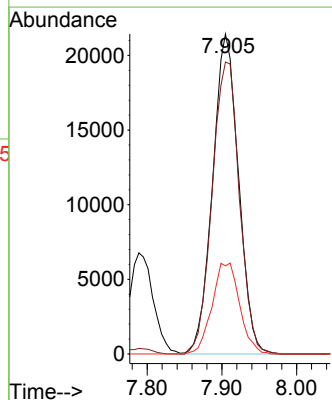
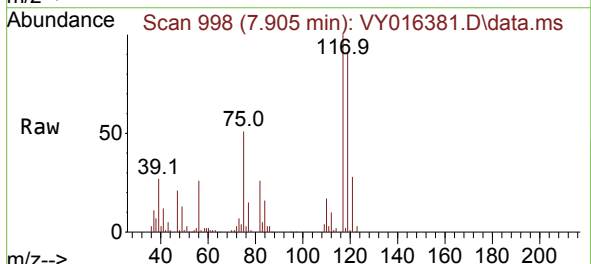


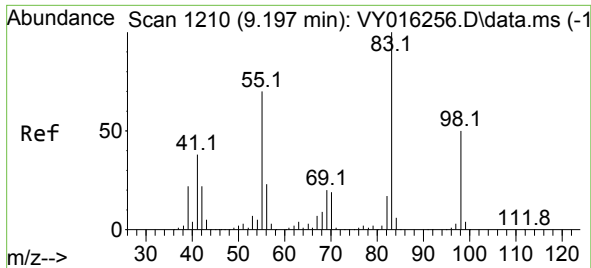
Tgt Ion: 43 Resp: 19291
Ion Ratio Lower Upper
43 100
61 15.0 10.1 15.1
70 10.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 19.759 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 117 Resp: 51563
Ion Ratio Lower Upper
117 100
119 91.3 76.4 114.6
121 27.6 25.8 38.6





#39

Methylcyclohexane

Concen: 17.320 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

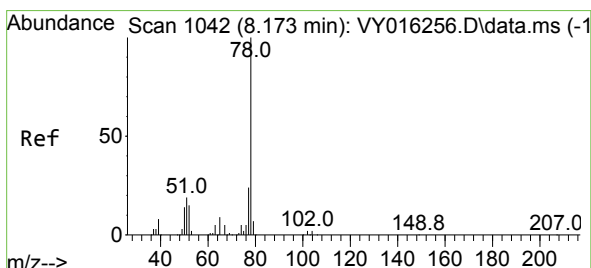
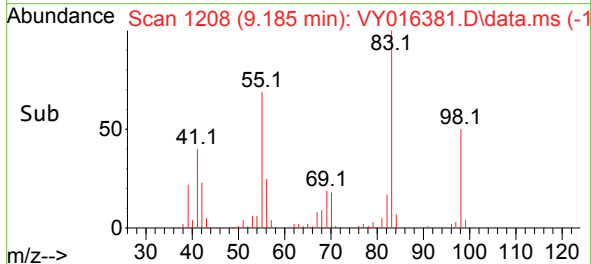
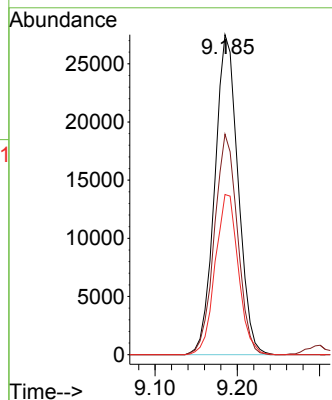
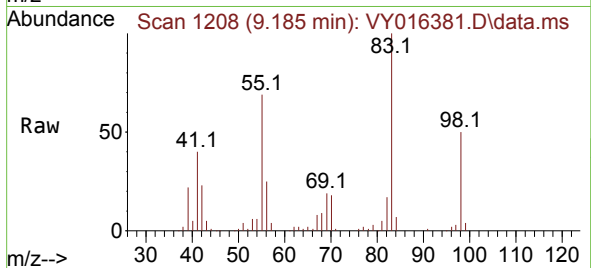
Tgt Ion: 83 Resp: 54267

Ion Ratio Lower Upper

83 100

55 68.9 63.0 94.4

98 50.0 37.4 56.2



#40

Benzene

Concen: 19.169 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VY016381.D

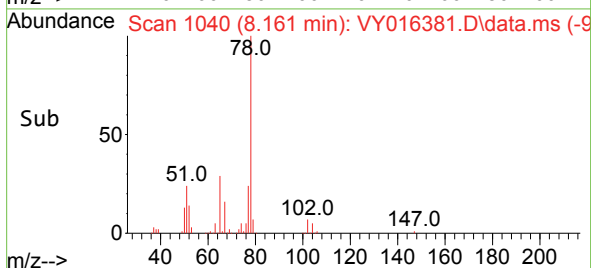
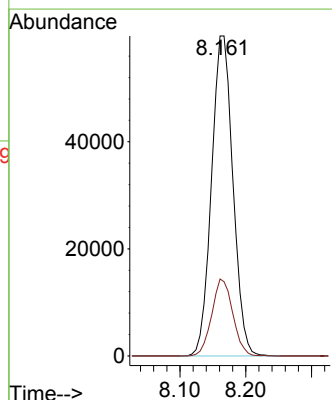
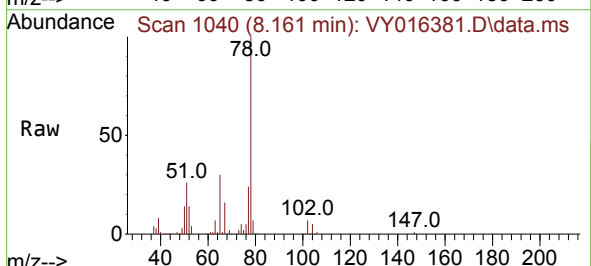
Acq: 16 Nov 2023 11:28

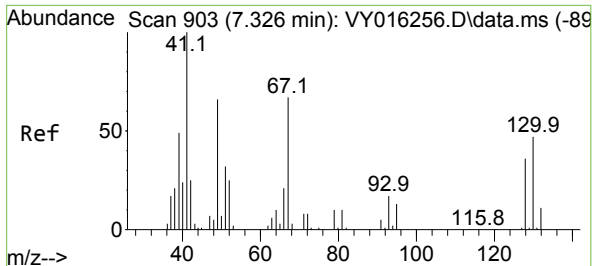
Tgt Ion: 78 Resp: 135422

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6



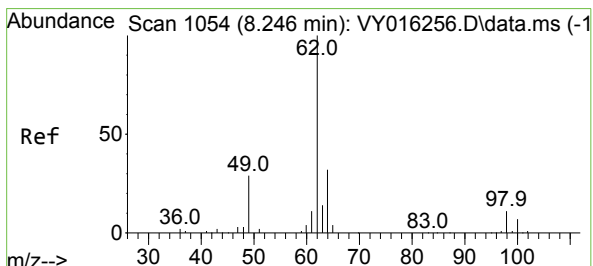
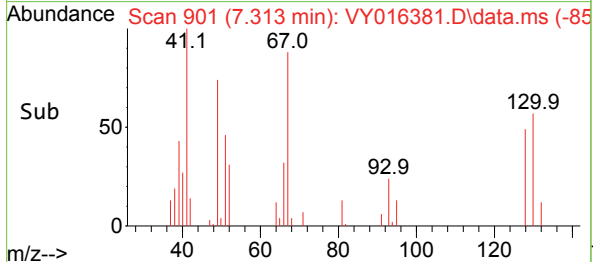
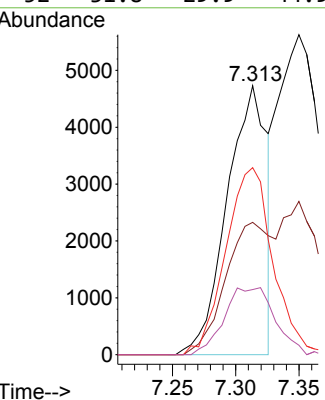
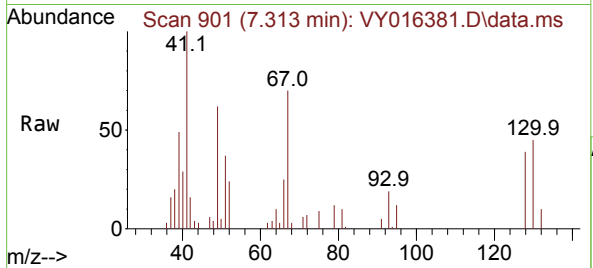


#41
Methacrylonitrile
Concen: 20.214 ug/l
RT: 7.313 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 10355

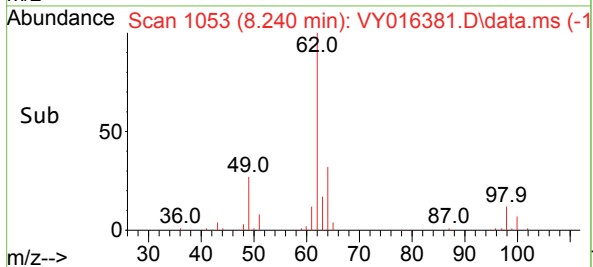
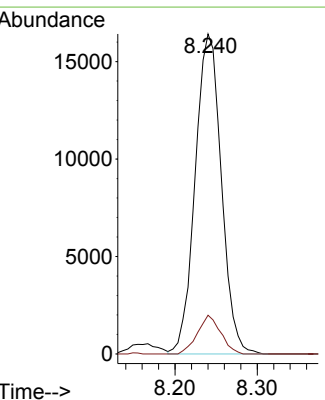
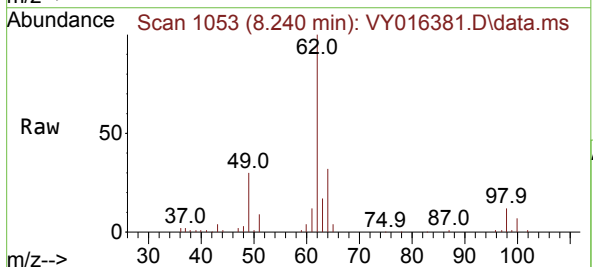
Ion	Ratio	Lower	Upper
41	100		
39	59.8	52.1	78.1
67	82.7	66.2	99.2
52	31.8	29.9	44.9

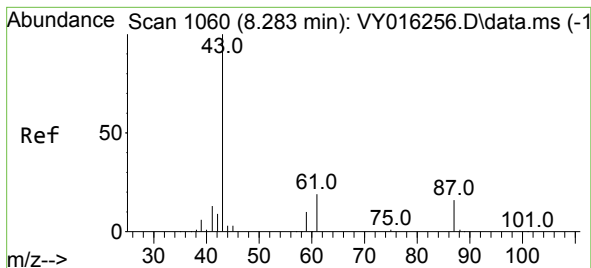


#42
1,2-Dichloroethane
Concen: 19.855 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 62 Resp: 36343

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.664 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VY016381.D

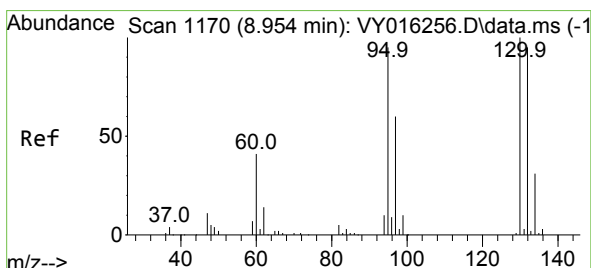
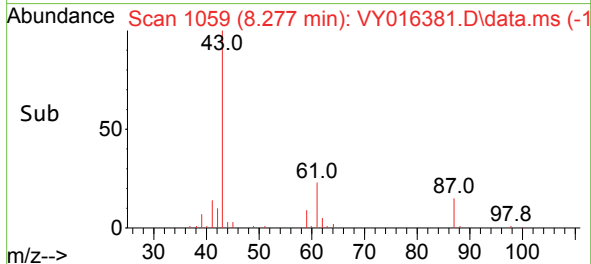
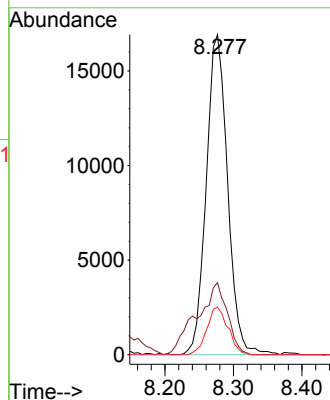
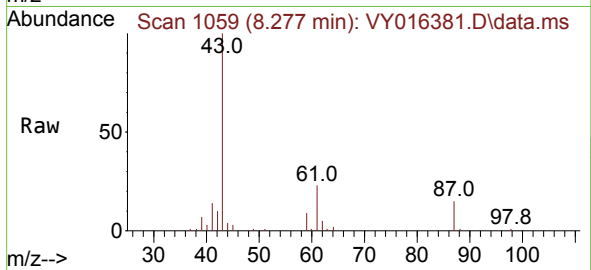
Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 36654
Ion Ratio	Lower Upper
43	100
61	32.1 21.1 31.7#
87	14.7 9.8 14.8



#44

Trichloroethene

Concen: 19.039 ug/l

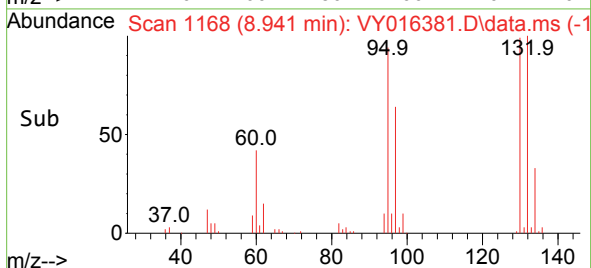
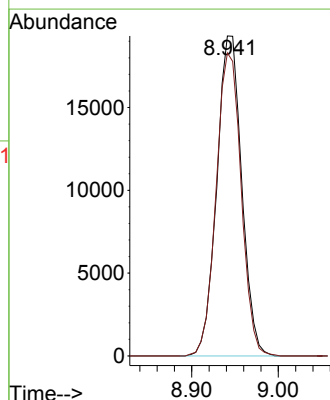
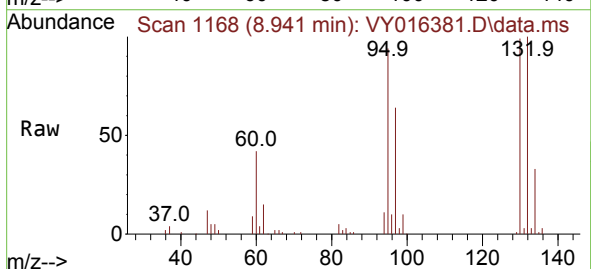
RT: 8.941 min Scan# 1168

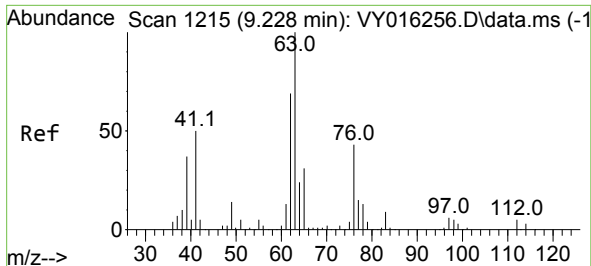
Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Tgt Ion: 130	Resp: 38655
Ion Ratio	Lower Upper
130	100
95	94.7 0.0 196.0

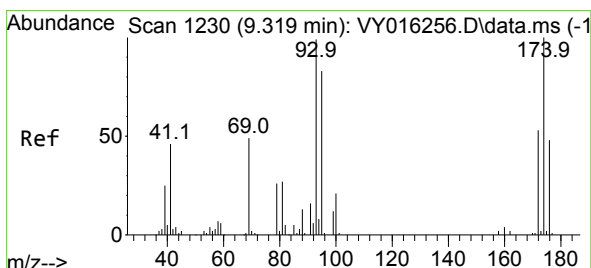
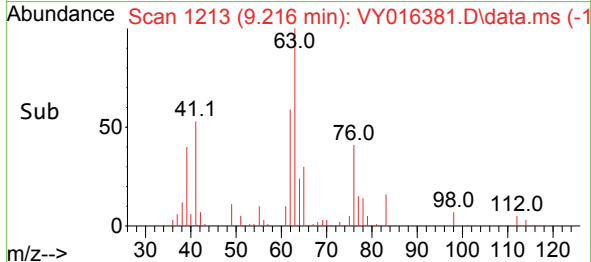
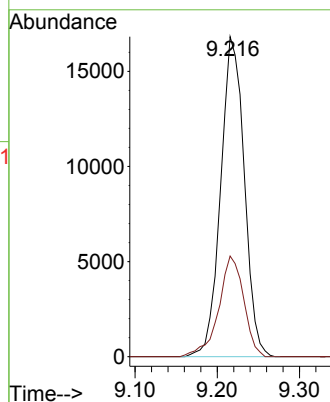
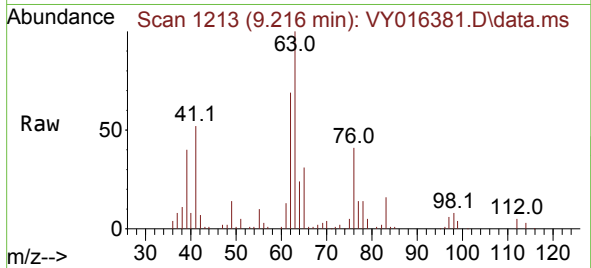




#45
1,2-Dichloropropane
Concen: 19.786 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

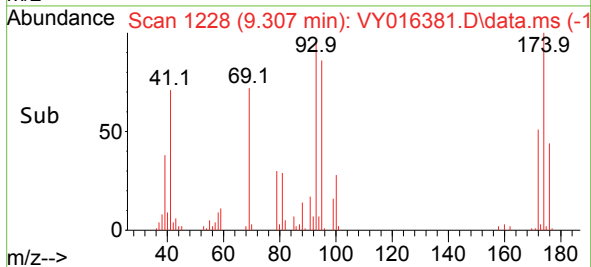
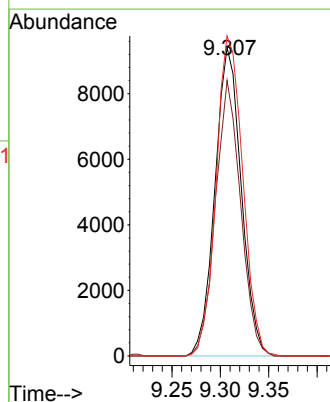
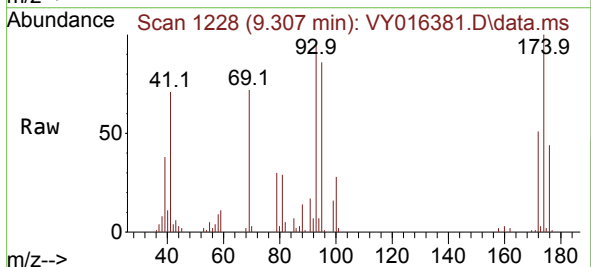
Instrument :
MSVOA_Y
ClientSampleId :

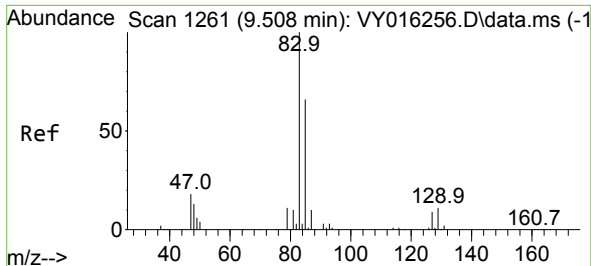
Tgt Ion: 63 Resp: 33568
Ion Ratio Lower Upper
63 100
65 31.4 23.8 35.6



#46
Dibromomethane
Concen: 19.356 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 93 Resp: 17796
Ion Ratio Lower Upper
93 100
95 85.4 66.6 100.0
174 104.9 84.8 127.2

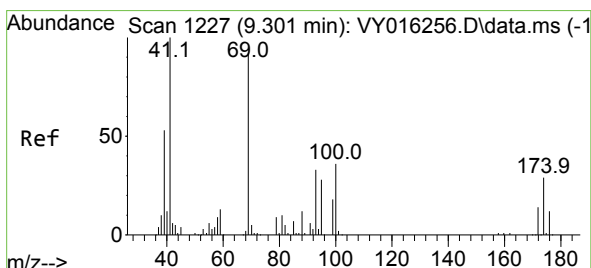
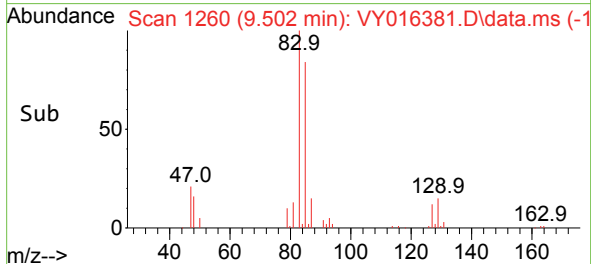
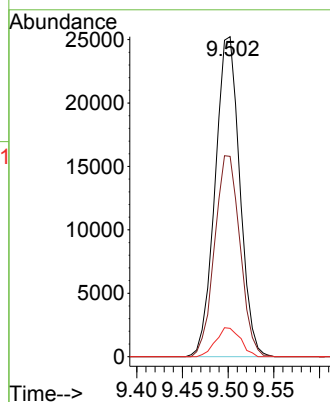
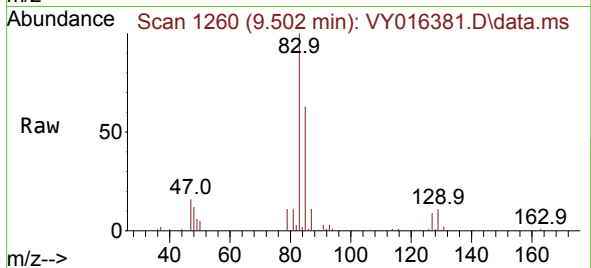




#47
Bromodichloromethane
Concen: 20.018 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

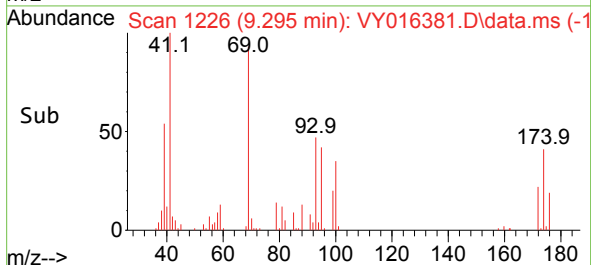
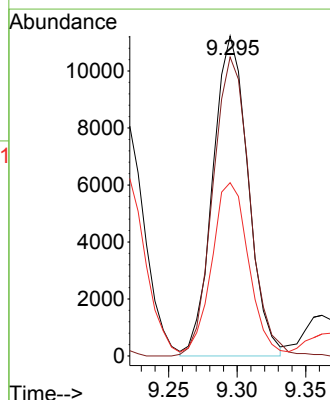
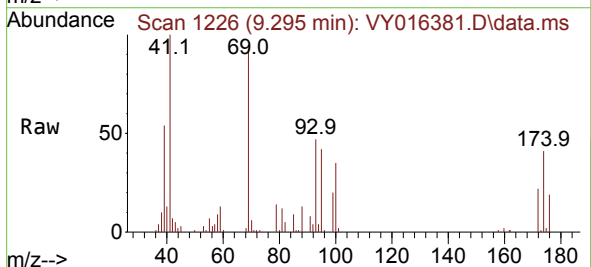
Instrument :
MSVOA_Y
ClientSampleId :

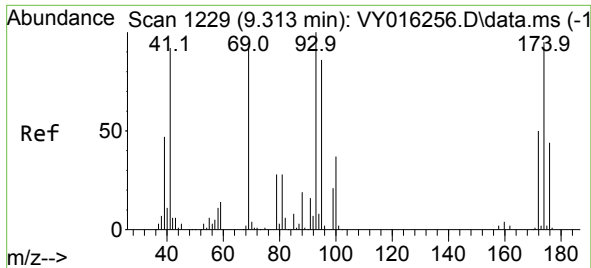
Tgt Ion: 83 Resp: 47315
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 18.576 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 41 Resp: 20161
Ion Ratio Lower Upper
41 100
69 96.8 64.5 96.7#
39 54.5 50.8 76.2





#49

1,4-Dioxane

Concen: 381.532 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

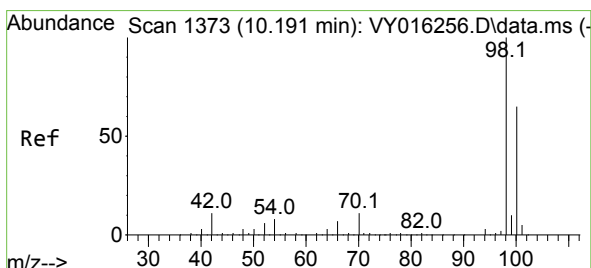
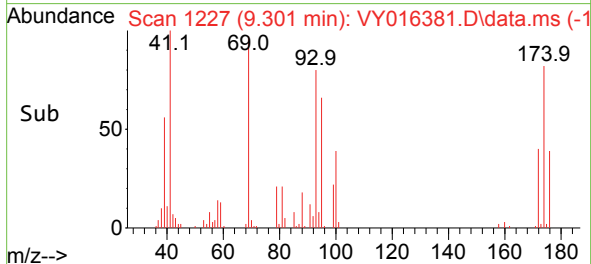
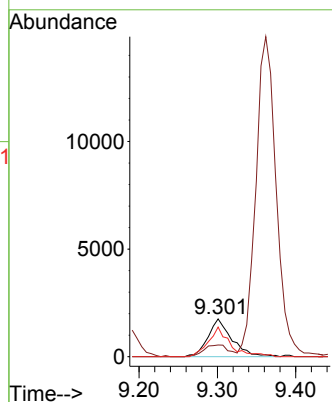
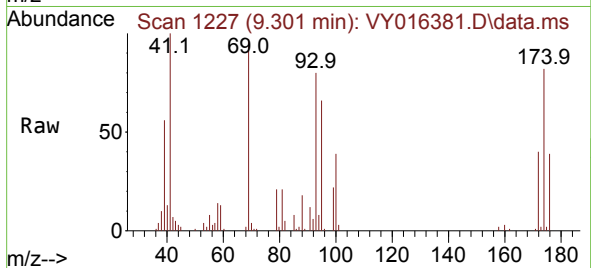
Tgt Ion: 88 Resp: 3724

Ion Ratio Lower Upper

88 100

43 33.2 0.0 0.0#

58 72.0 30.9 46.3#



#50

Toluene-d8

Concen: 50.778 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016381.D

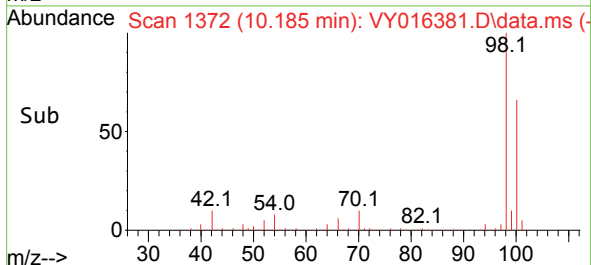
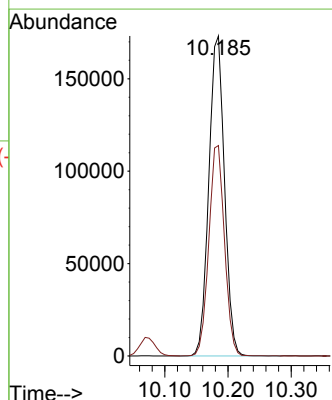
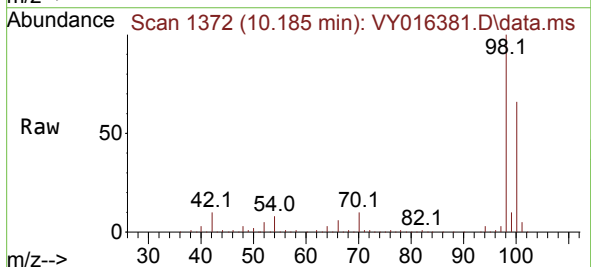
Acq: 16 Nov 2023 11:28

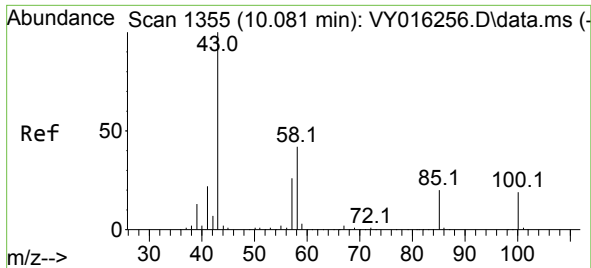
Tgt Ion: 98 Resp: 298182

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

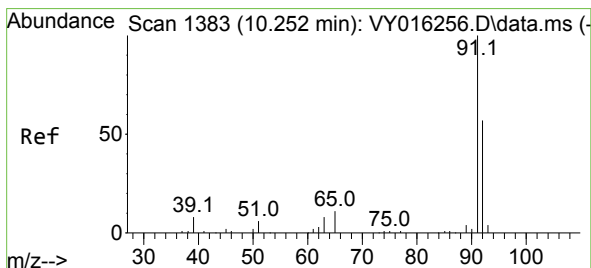
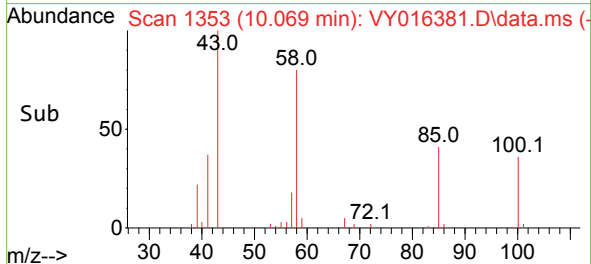
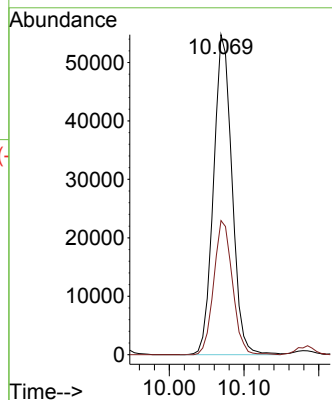
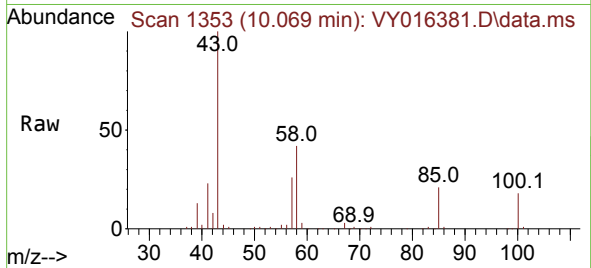




#51
4-Methyl-2-Pentanone
Concen: 94.708 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

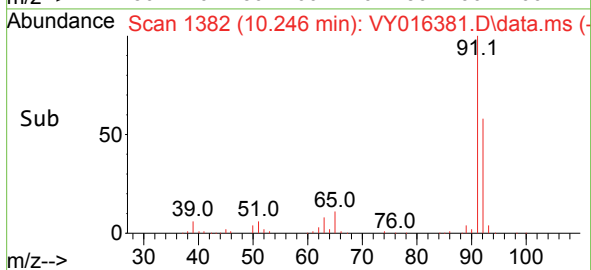
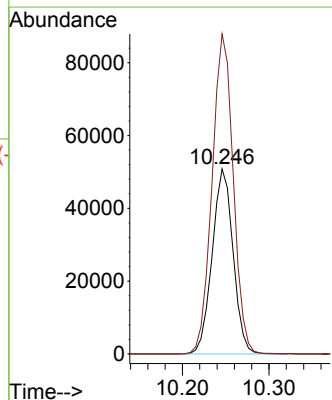
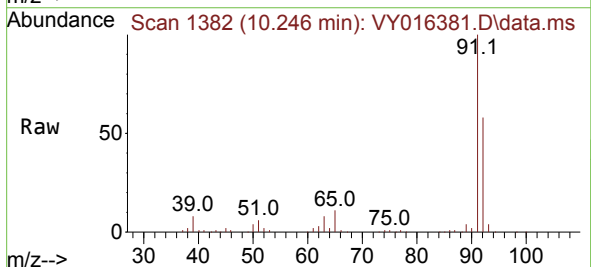
Instrument :
MSVOA_Y
ClientSampleId :

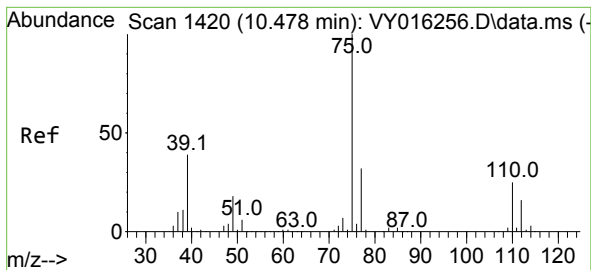
Tgt Ion: 43 Resp: 94052
Ion Ratio Lower Upper
43 100
58 42.4 29.0 43.6



#52
Toluene
Concen: 19.044 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 92 Resp: 85043
Ion Ratio Lower Upper
92 100
91 175.4 143.8 215.6

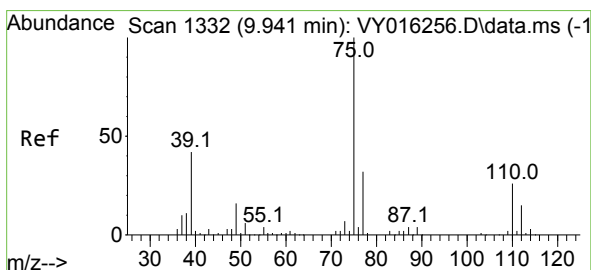
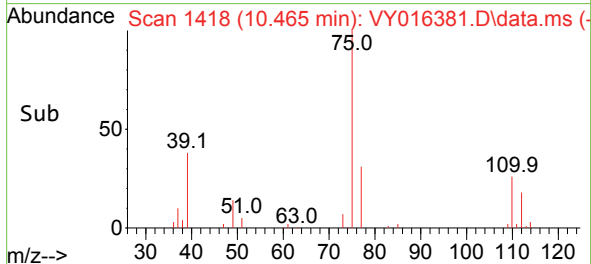
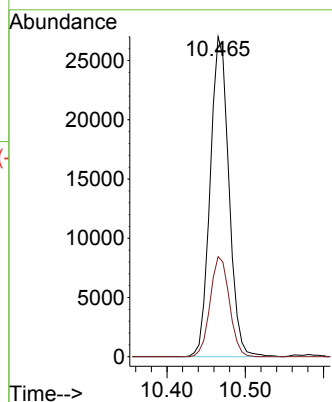
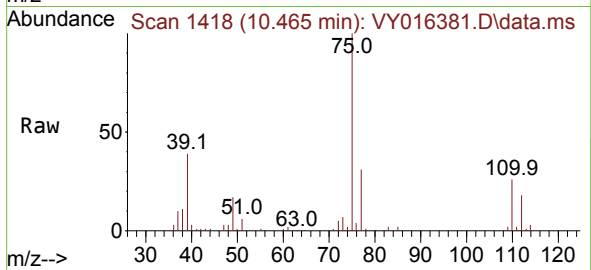




#53
 t-1,3-Dichloropropene
 Concen: 19.519 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.012 min
 Lab File: VY016381.D
 Acq: 16 Nov 2023 11:28

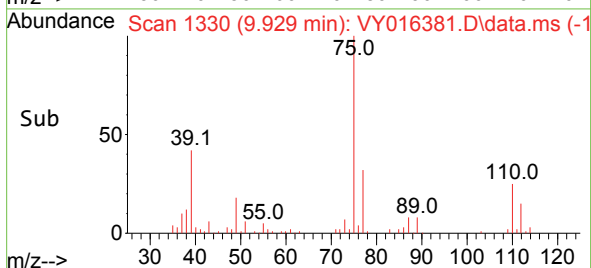
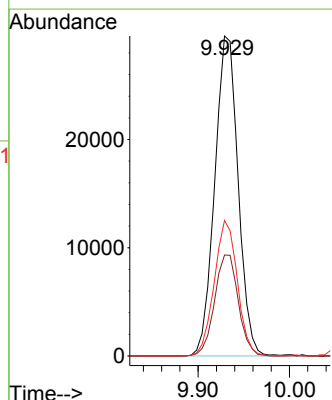
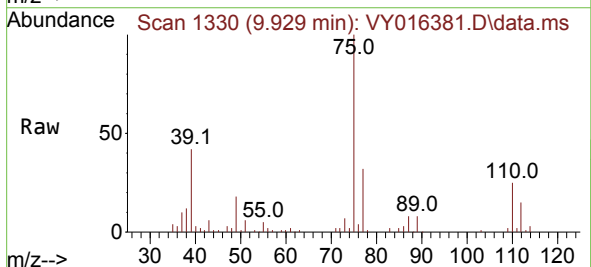
Instrument :
 MSVOA_Y
 ClientSampleId :

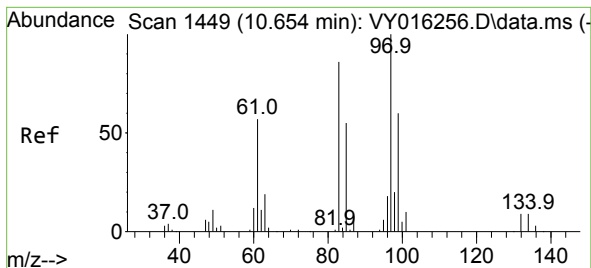
Tgt Ion: 75 Resp: 44725
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.226 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.012 min
 Lab File: VY016381.D
 Acq: 16 Nov 2023 11:28

Tgt Ion: 75 Resp: 52618
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 42.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.246 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

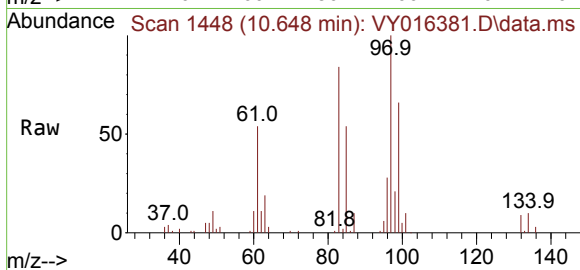
Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 25655

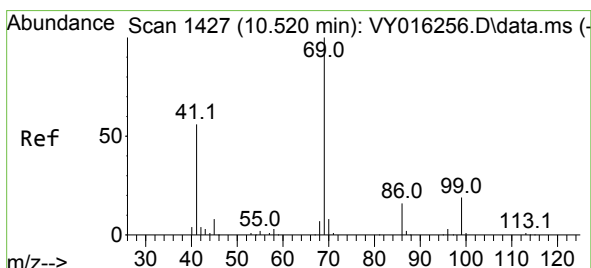
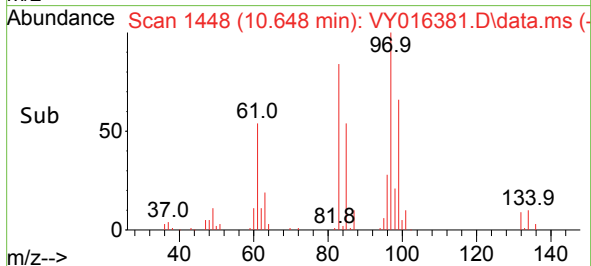
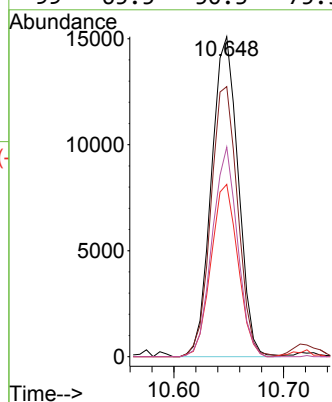
Ion Ratio Lower Upper

97 100

83 84.4 72.0 108.0

85 53.8 45.4 68.0

99 65.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.621 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

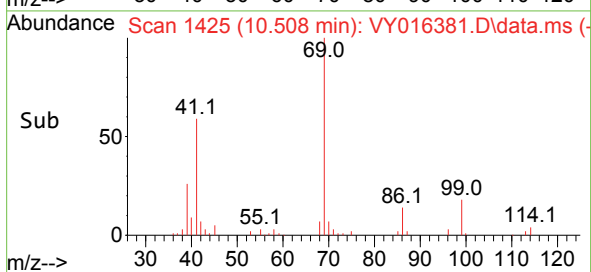
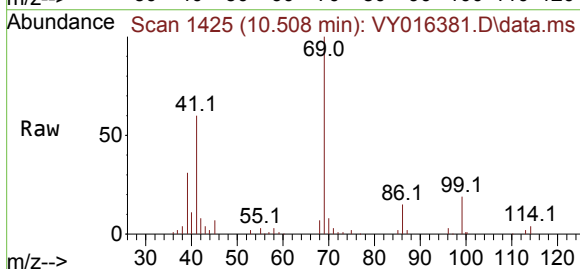
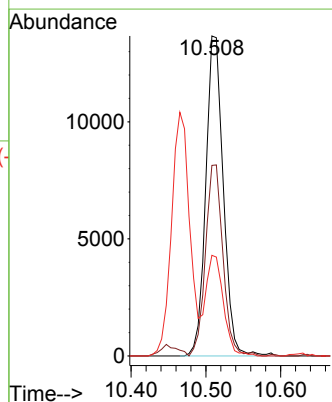
Tgt Ion: 69 Resp: 22275

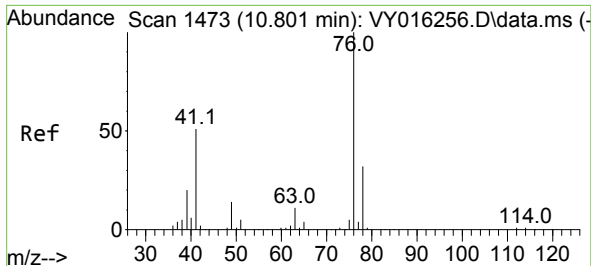
Ion Ratio Lower Upper

69 100

41 59.6 57.6 86.4

39 32.3 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 19.726 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

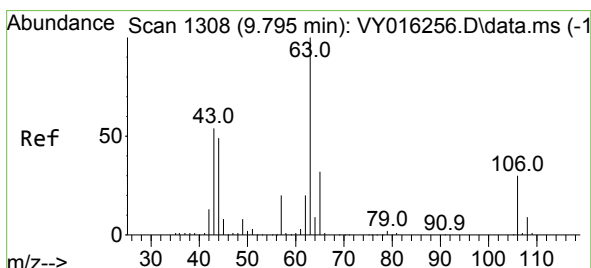
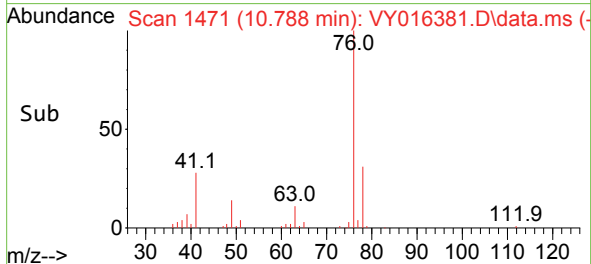
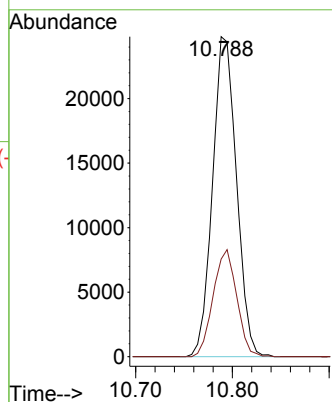
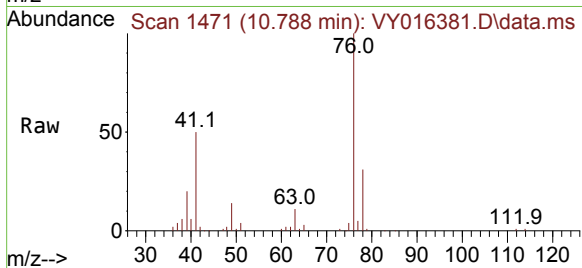
ClientSampleId :

Tgt Ion: 76 Resp: 42608

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 94.630 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.012 min

Lab File: VY016381.D

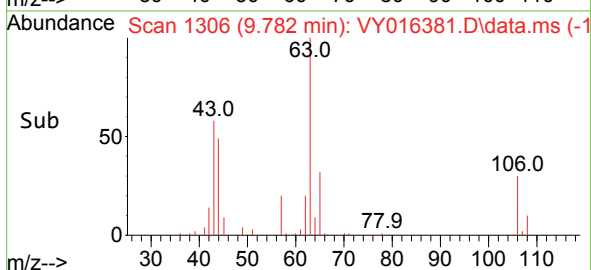
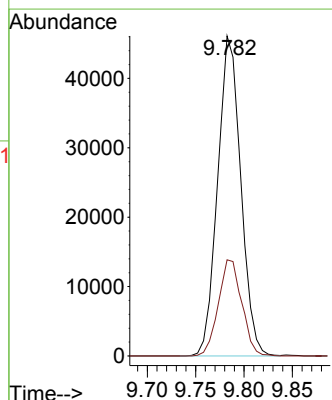
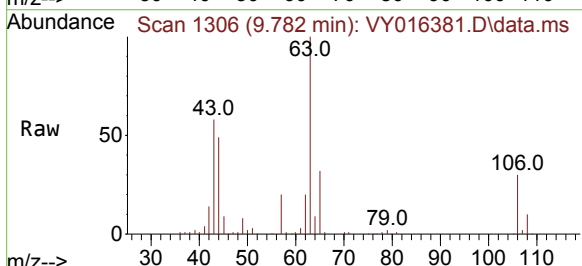
Acq: 16 Nov 2023 11:28

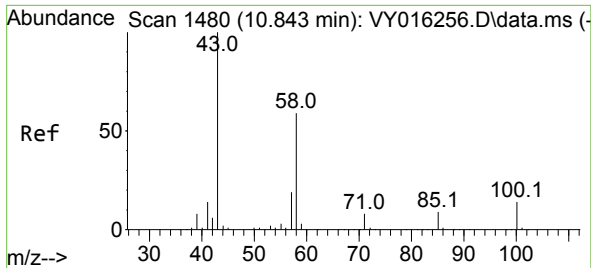
Tgt Ion: 63 Resp: 76755

Ion Ratio Lower Upper

63 100

106 30.3 21.2 31.8

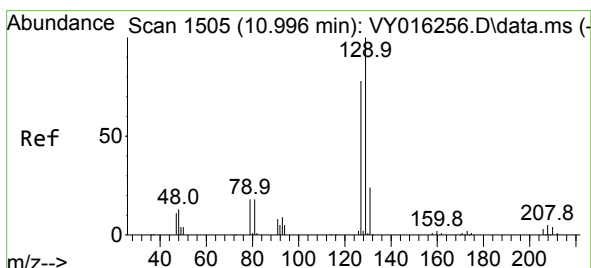
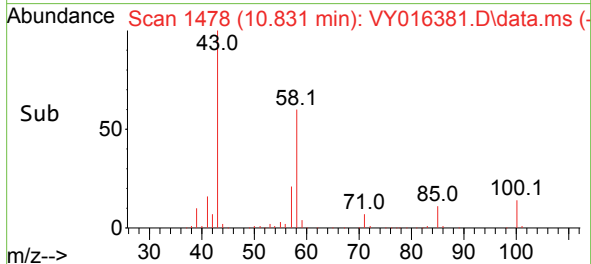
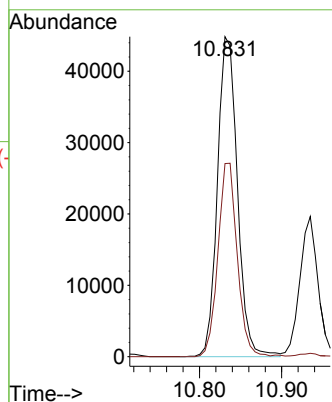
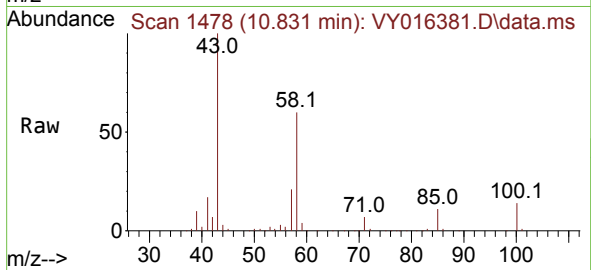




#59
2-Hexanone
Concen: 102.386 ug/l
RT: 10.831 min Scan# 1480
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

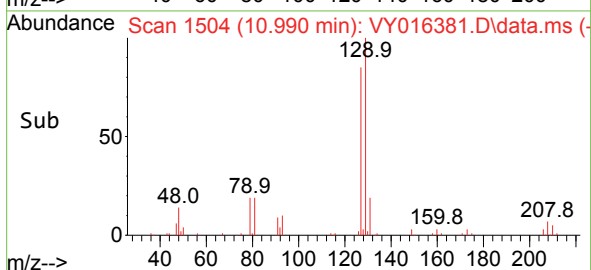
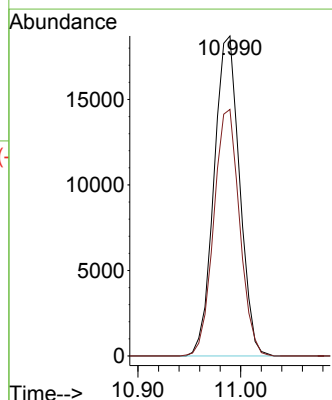
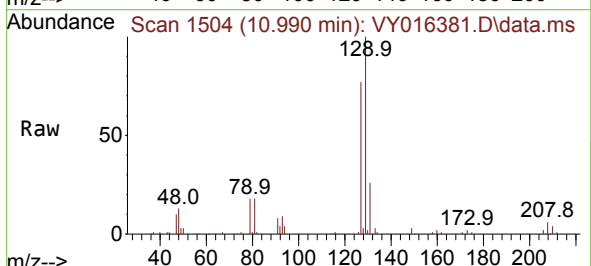
Instrument :
MSVOA_Y
ClientSampleId :

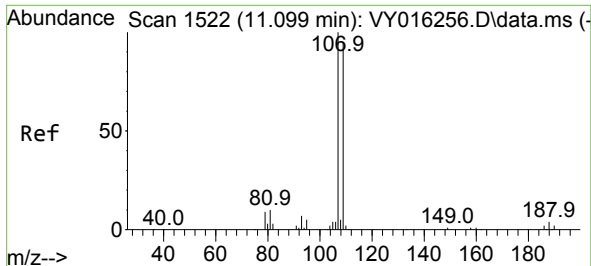
Tgt Ion: 43 Resp: 75629
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3



#60
Dibromochloromethane
Concen: 20.399 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 129 Resp: 32328
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

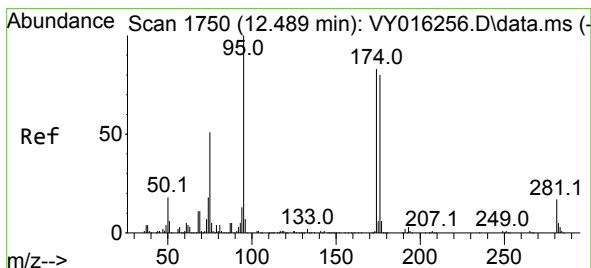
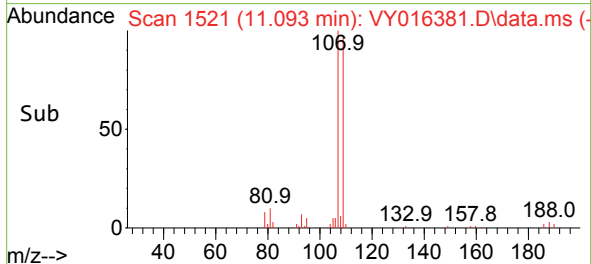
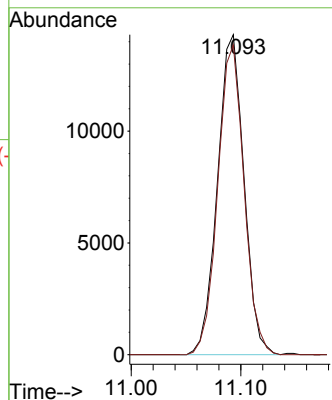
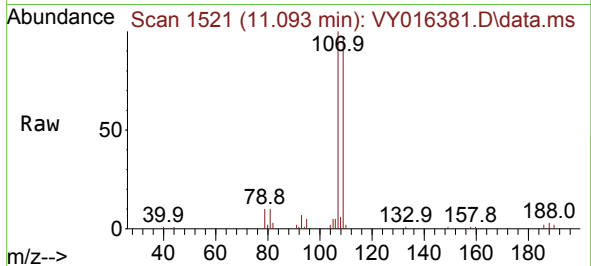




#61
1,2-Dibromoethane
Concen: 19.907 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

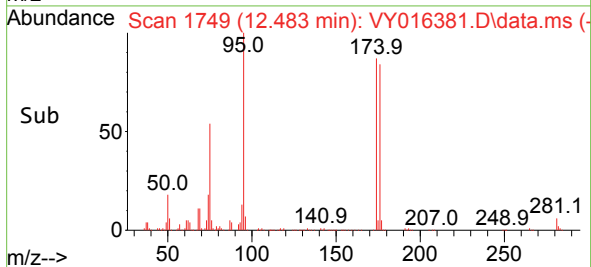
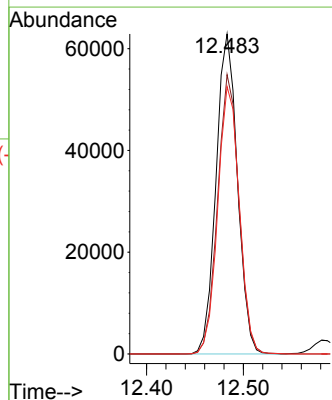
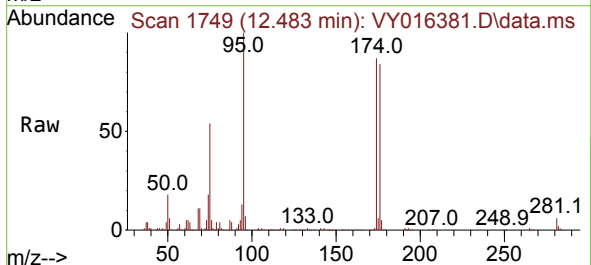
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 24033
Ion Ratio Lower Upper
107 100
109 95.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.578 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 95 Resp: 96463
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 84.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

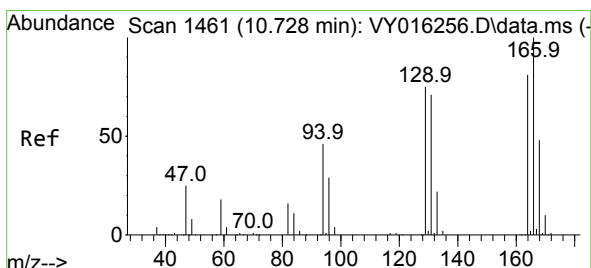
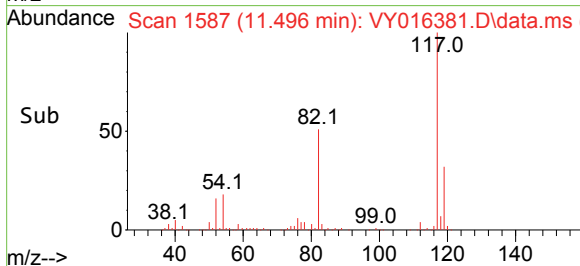
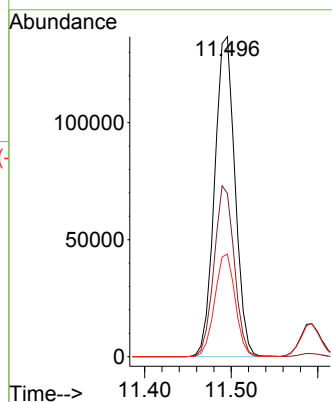
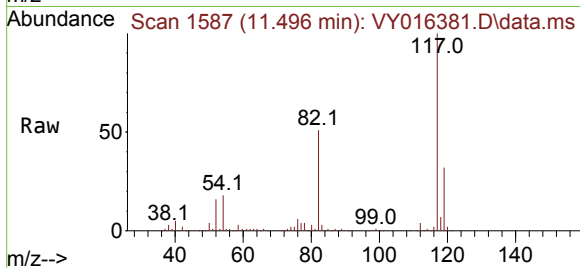
Tgt Ion:117 Resp: 223752

Ion Ratio Lower Upper

117 100

82 51.0 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 19.139 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Tgt Ion:164 Resp: 38451

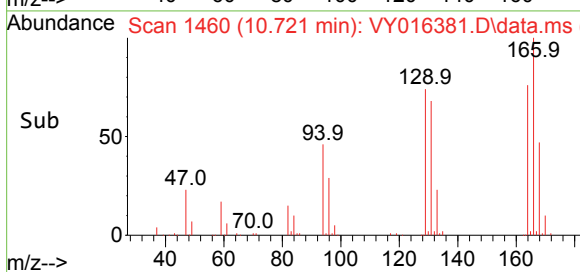
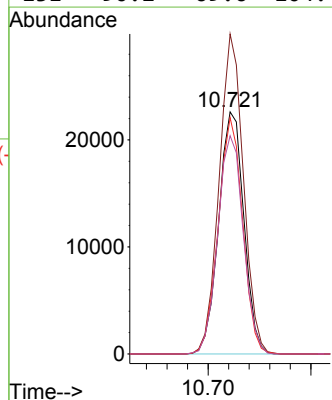
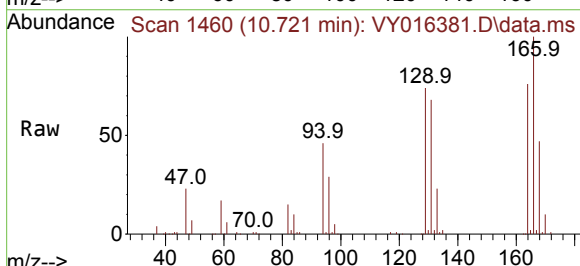
Ion Ratio Lower Upper

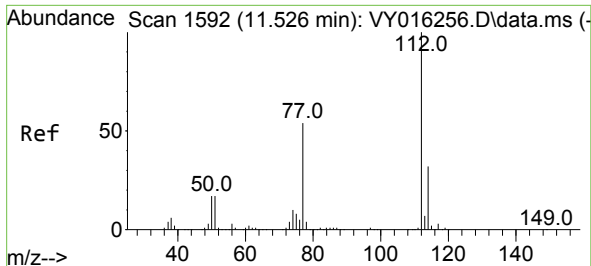
164 100

166 132.2 103.0 154.6

129 97.6 77.2 115.8

131 90.2 69.6 104.4

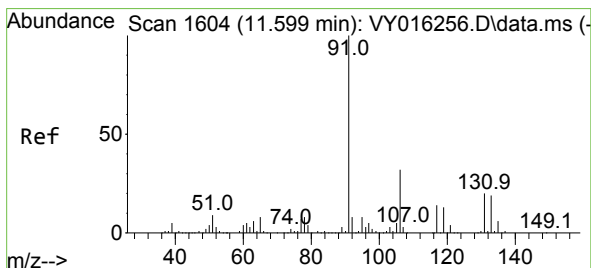
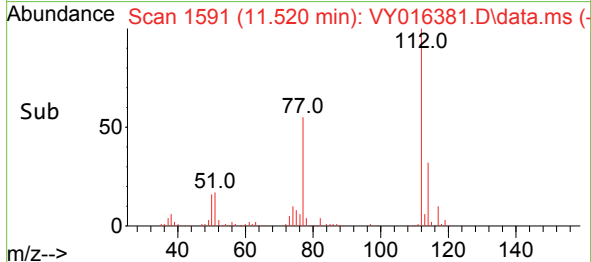
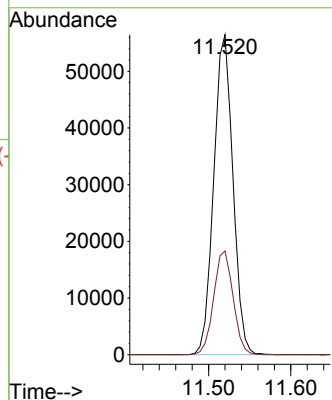
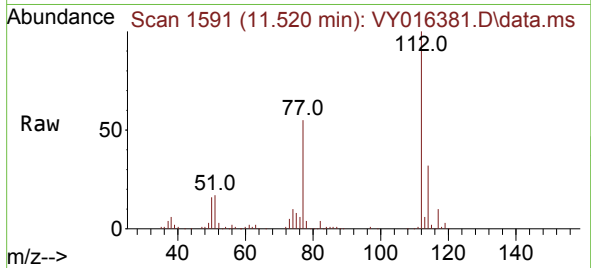




#65
Chlorobenzene
Concen: 19.123 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

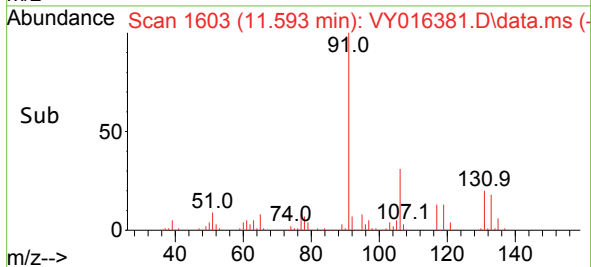
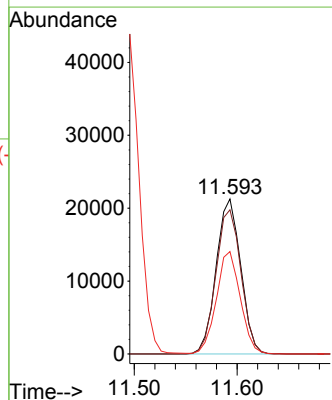
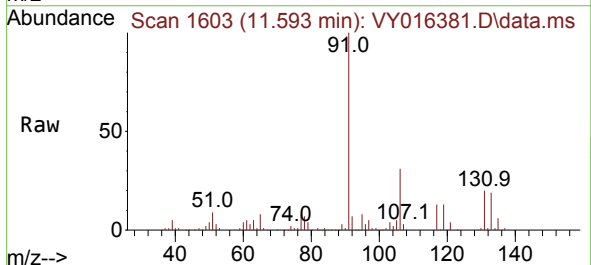
Instrument :
MSVOA_Y
ClientSampleId :

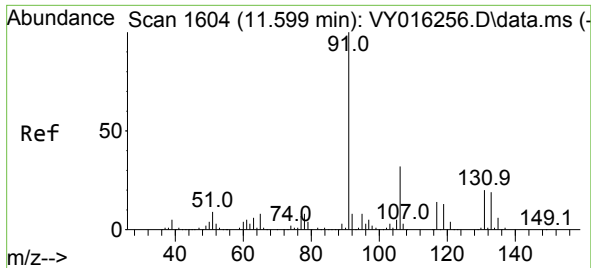
Tgt Ion:112 Resp: 91418
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.986 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion:131 Resp: 35240
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 64.5 31.6 94.7





#67

Ethyl Benzene

Concen: 19.053 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

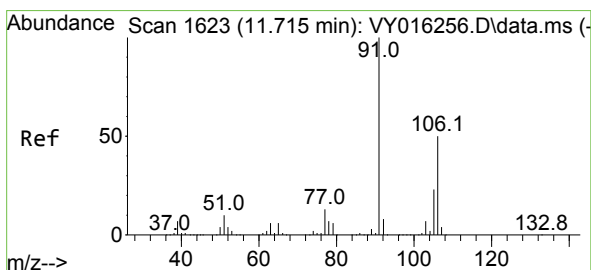
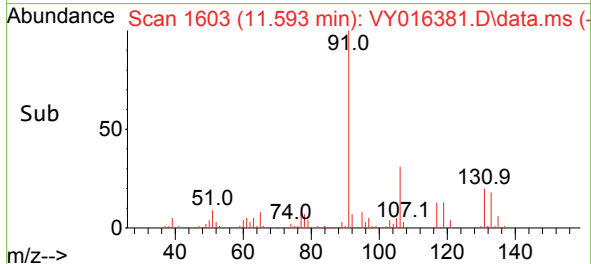
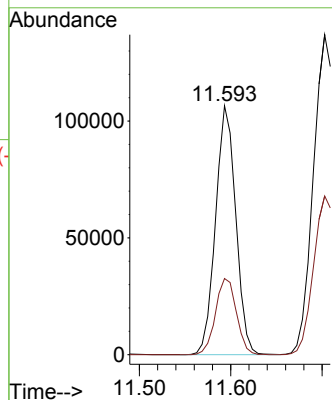
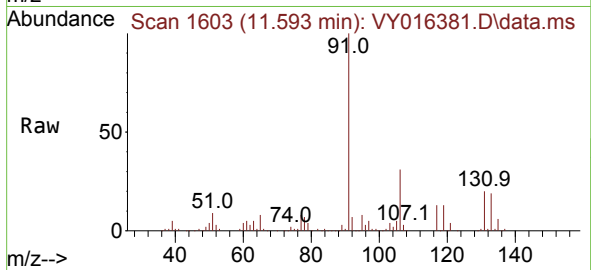
ClientSampleId :

Tgt Ion: 91 Resp: 163688

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 38.106 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.012 min

Lab File: VY016381.D

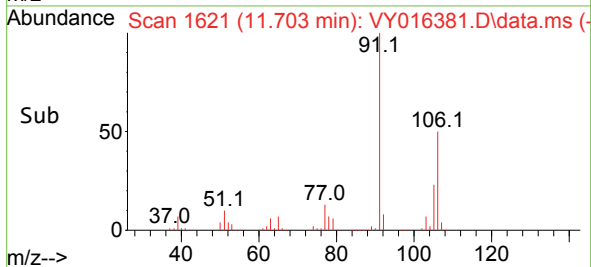
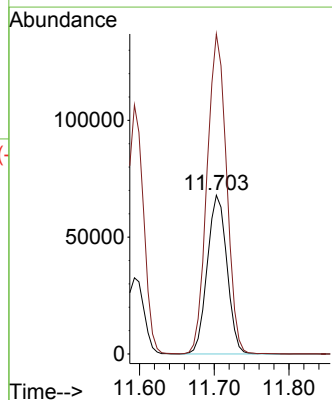
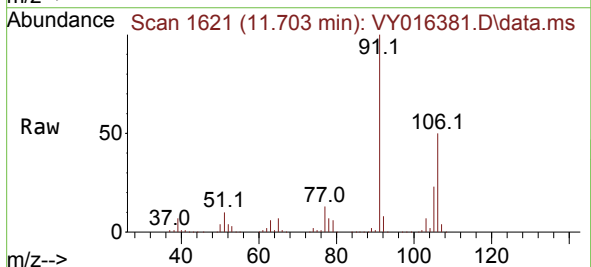
Acq: 16 Nov 2023 11:28

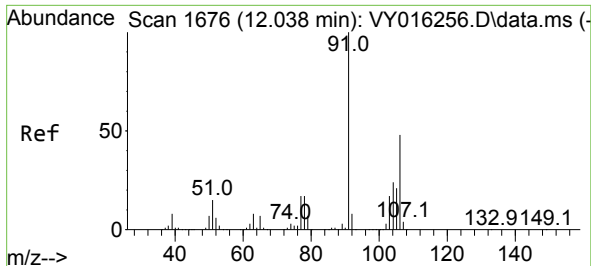
Tgt Ion:106 Resp: 124174

Ion Ratio Lower Upper

106 100

91 199.9 166.1 249.1

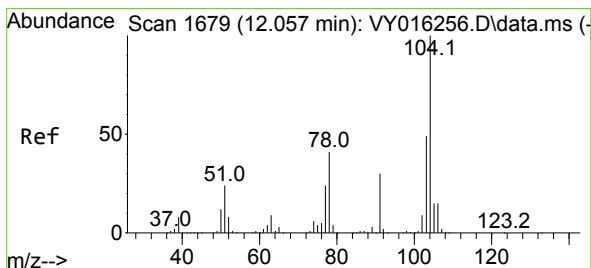
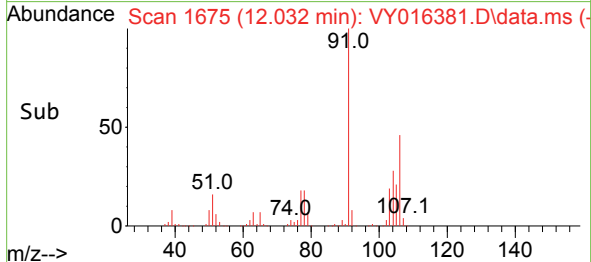
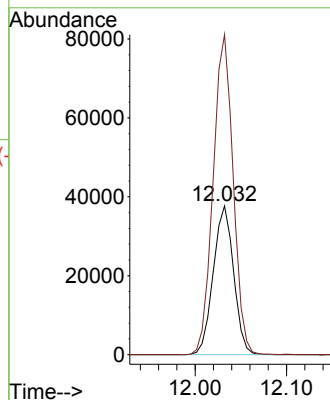
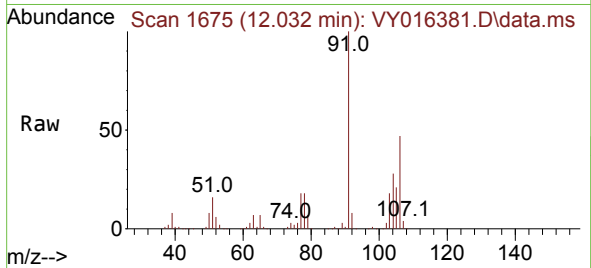




#69
o-Xylene
Concen: 19.249 ug/l
RT: 12.032 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

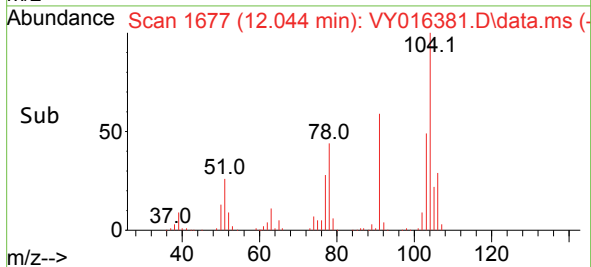
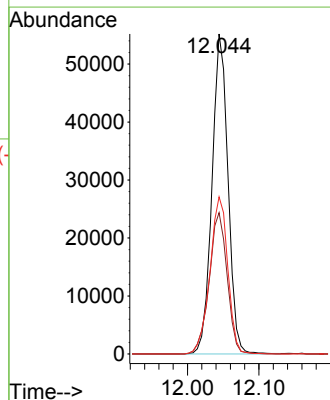
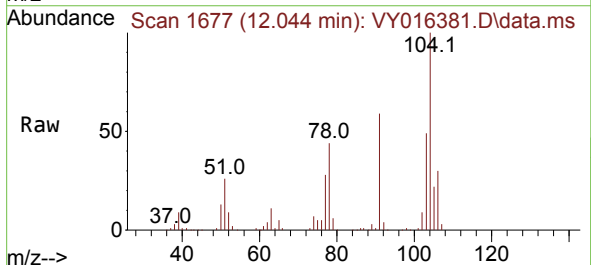
Instrument :
MSVOA_Y
ClientSampleId :

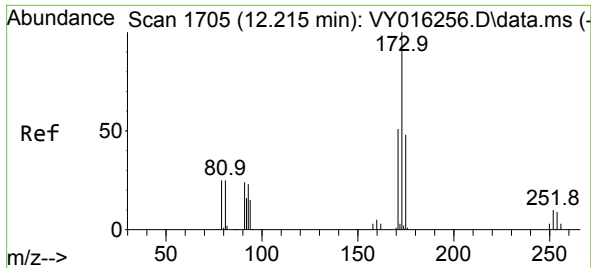
Tgt Ion:106 Resp: 58239
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.3



#70
Styrene
Concen: 19.799 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.012 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

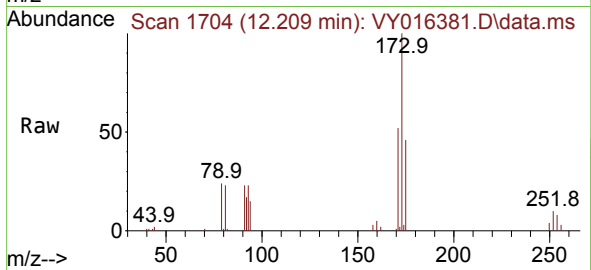
Tgt Ion:104 Resp: 85775
Ion Ratio Lower Upper
104 100
78 49.4 41.5 62.3
103 54.8 44.6 67.0



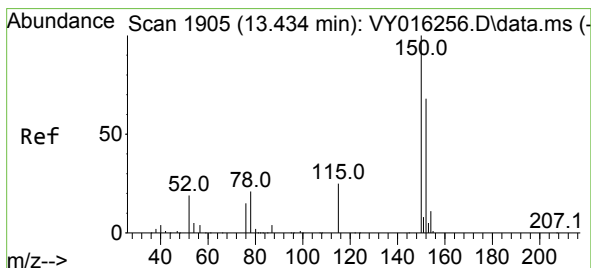
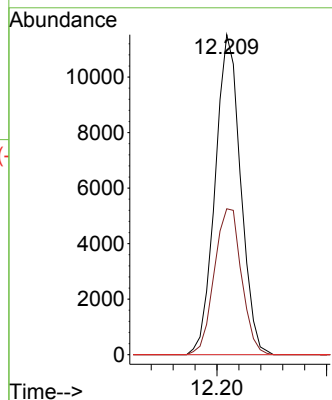
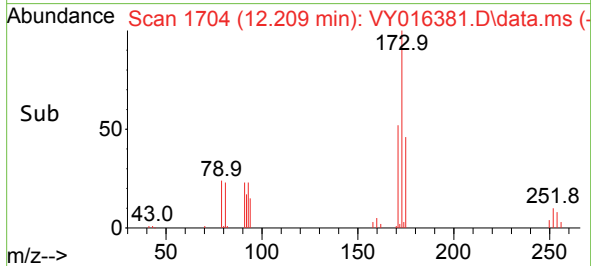


#71
Bromoform
Concen: 20.353 ug/l
RT: 12.209 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :

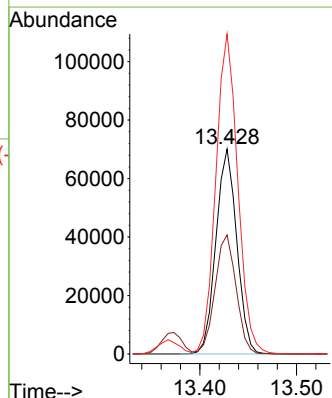
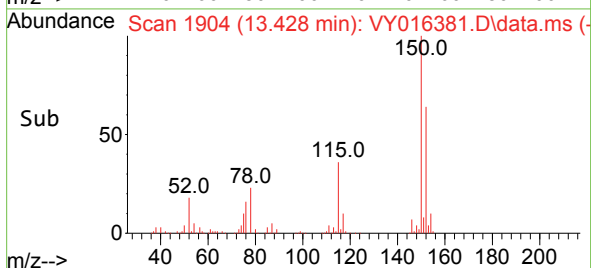
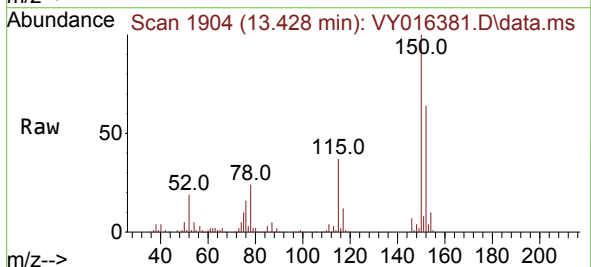


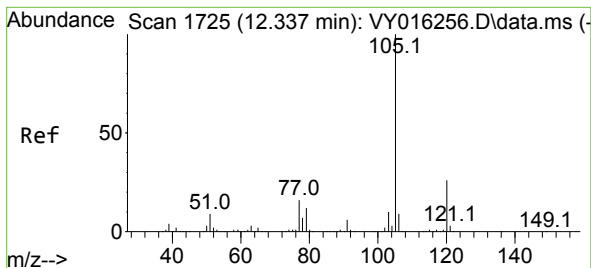
Tgt Ion:173 Resp: 18621
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion:152 Resp: 104811
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 164.2 0.0 348.8





#73

Isopropylbenzene

Concen: 18.928 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

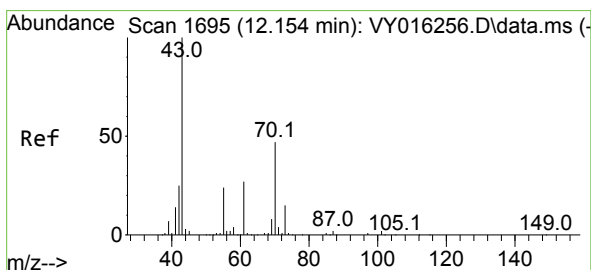
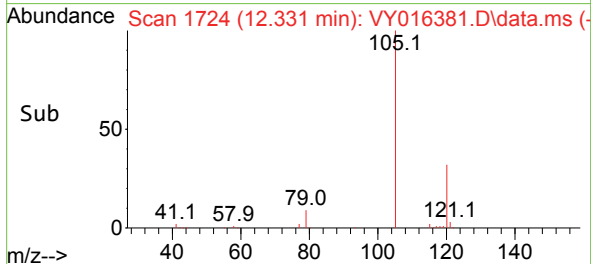
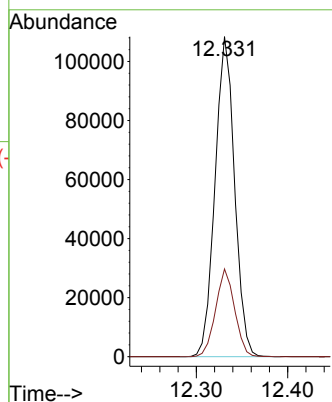
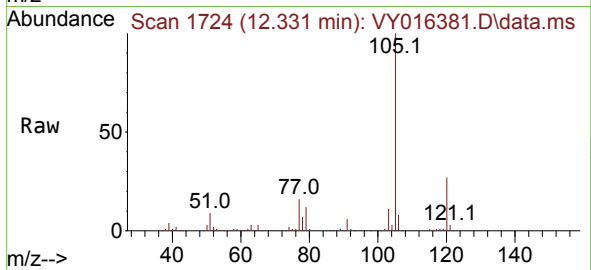
ClientSampleId :

Tgt Ion:105 Resp: 160653

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 17.628 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Tgt Ion: 43 Resp: 30053

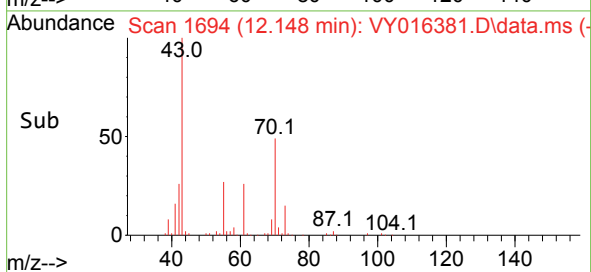
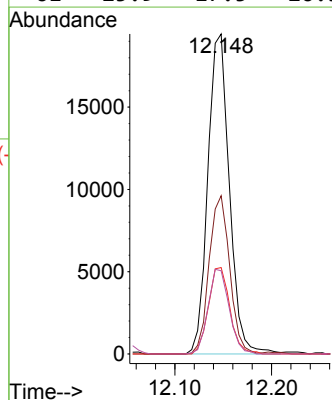
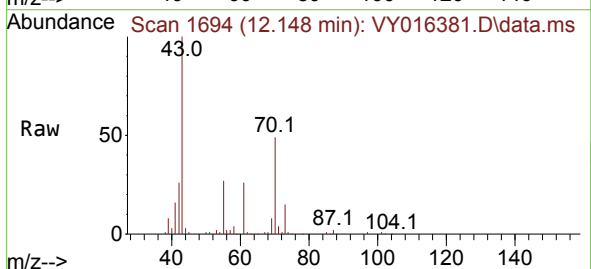
Ion Ratio Lower Upper

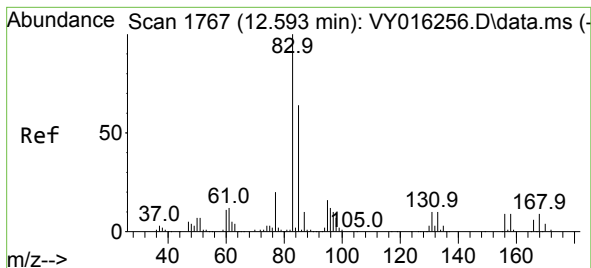
43 100

70 47.3 29.7 44.5#

55 26.9 18.3 27.5

61 25.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.923 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

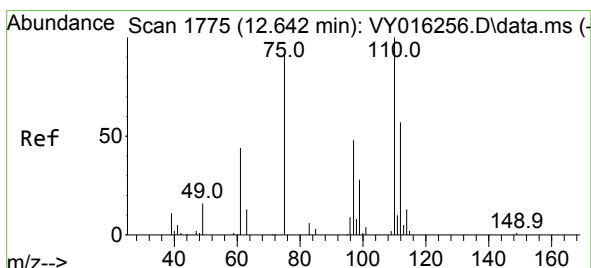
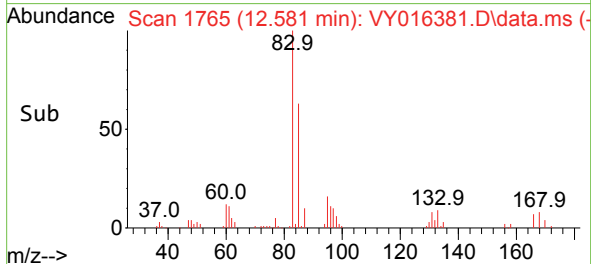
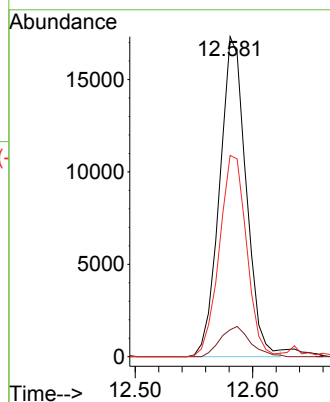
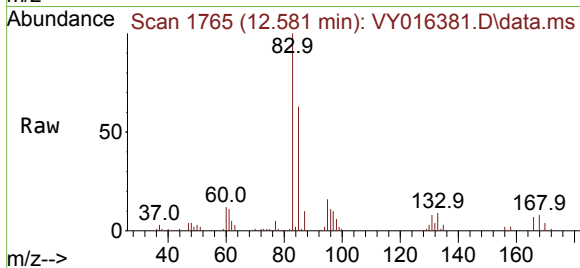
Tgt Ion: 83 Resp: 27133

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.589 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016381.D

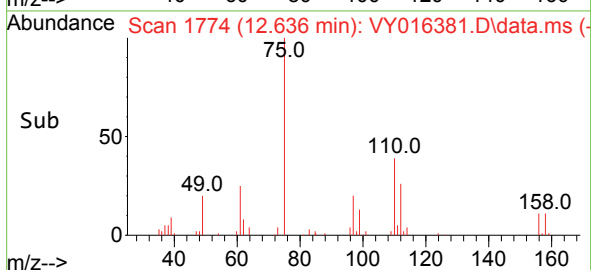
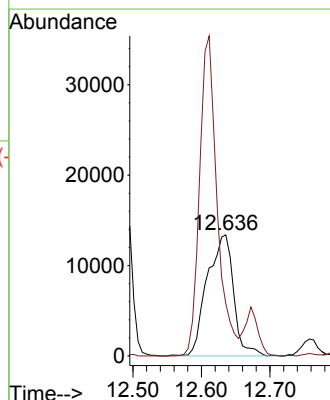
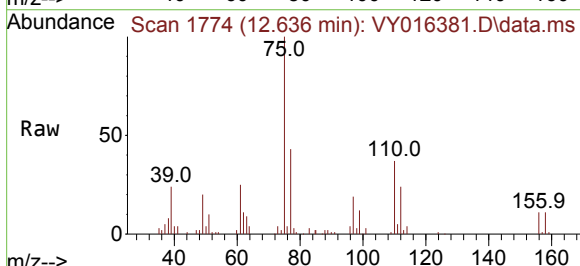
Acq: 16 Nov 2023 11:28

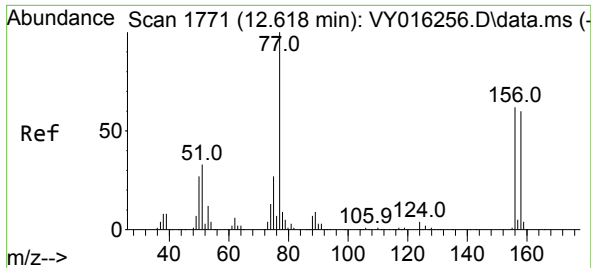
Tgt Ion: 75 Resp: 35783

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

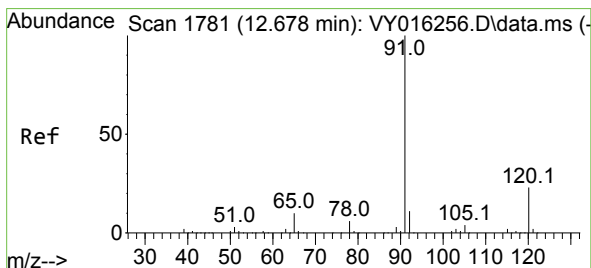
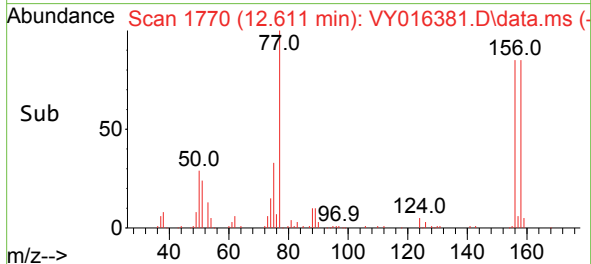
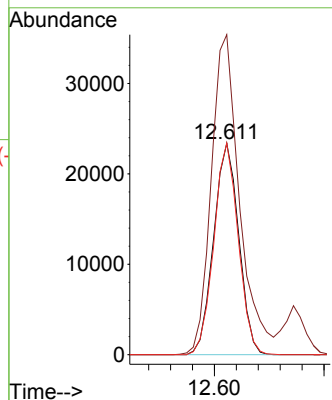
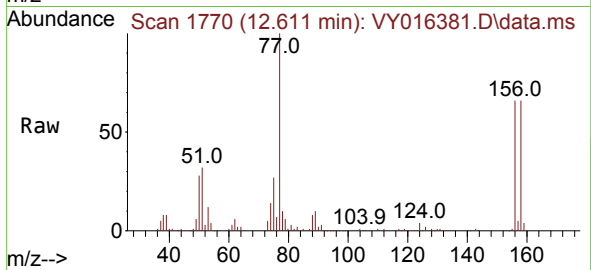




#77
Bromobenzene
Concen: 19.378 ug/l
RT: 12.611 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

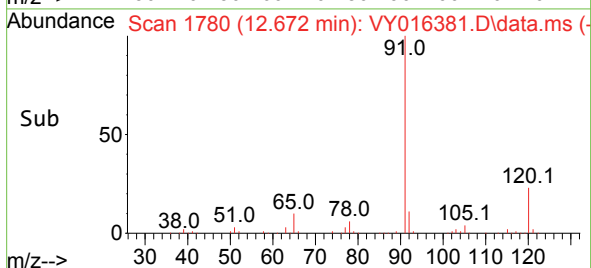
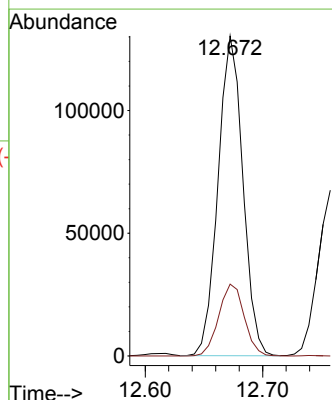
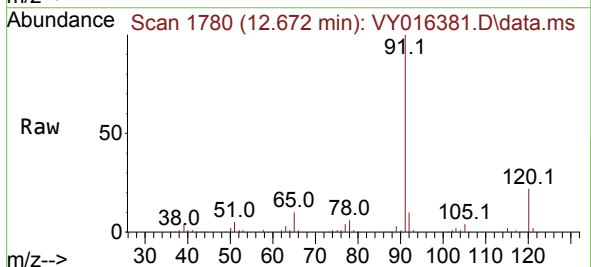
Instrument :
MSVOA_Y
ClientSampleId :

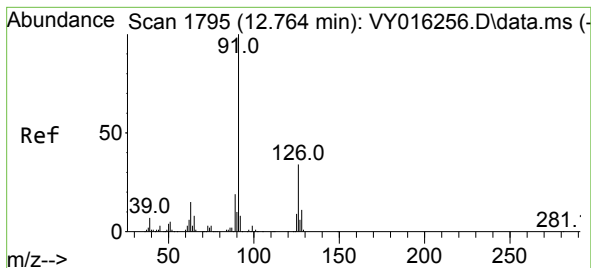
Tgt Ion:156 Resp: 37171
Ion Ratio Lower Upper
156 100
77 170.6 92.8 278.6
158 97.3 48.4 145.3



#78
n-propylbenzene
Concen: 19.067 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 91 Resp: 191247
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.229 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

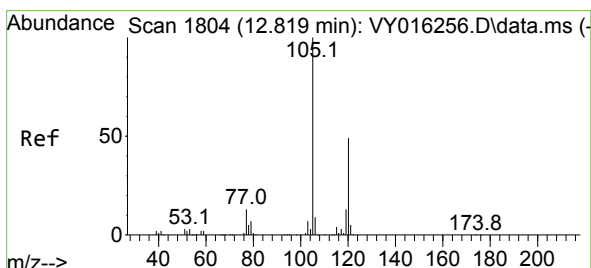
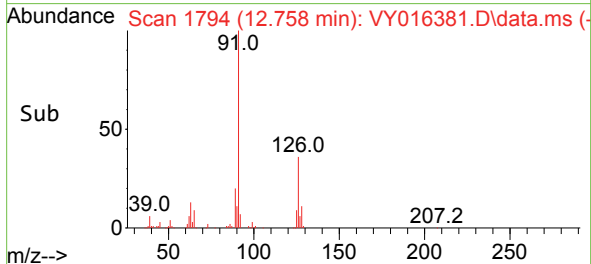
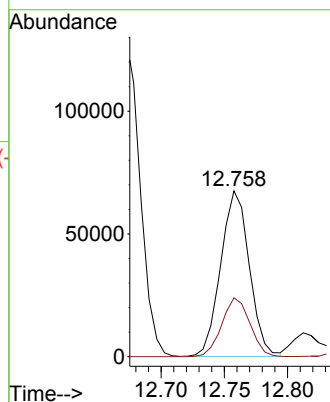
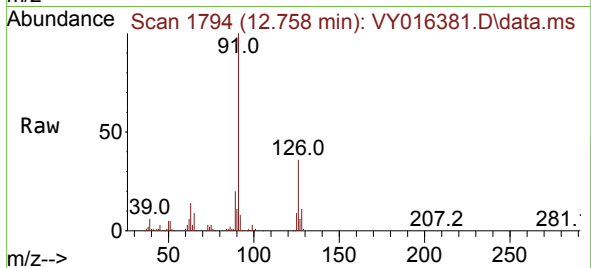
ClientSampleId :

Tgt Ion: 91 Resp: 106293

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.472 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY016381.D

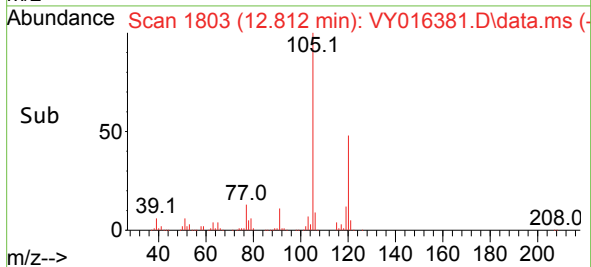
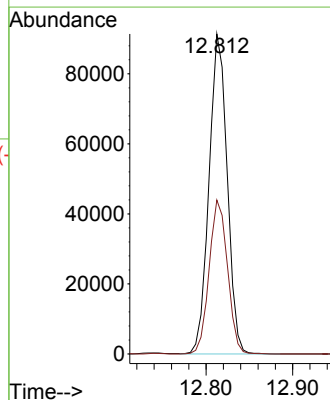
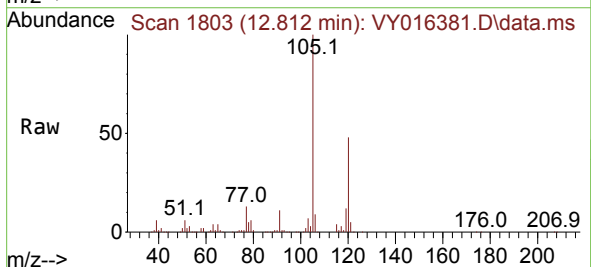
Acq: 16 Nov 2023 11:28

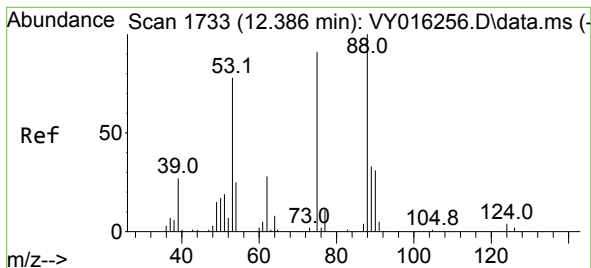
Tgt Ion: 105 Resp: 133249

Ion Ratio Lower Upper

105 100

120 48.6 23.9 71.7

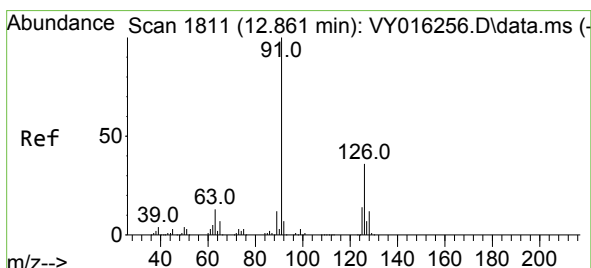
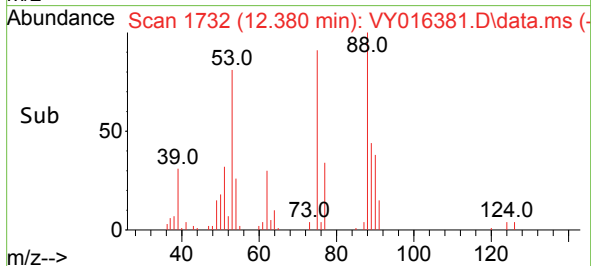
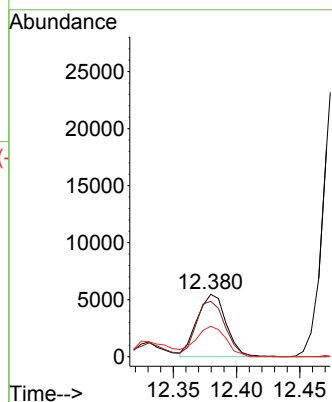
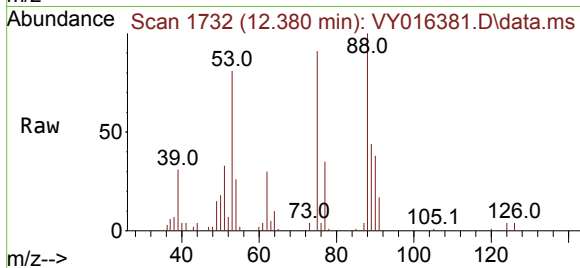




#81
trans-1,4-Dichloro-2-butene
Concen: 18.914 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

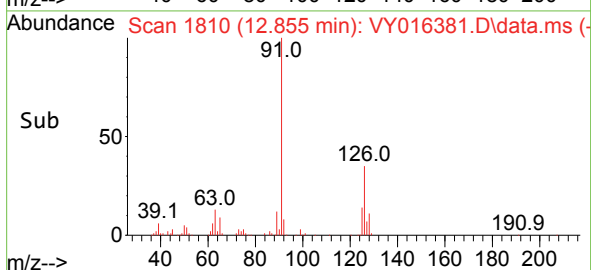
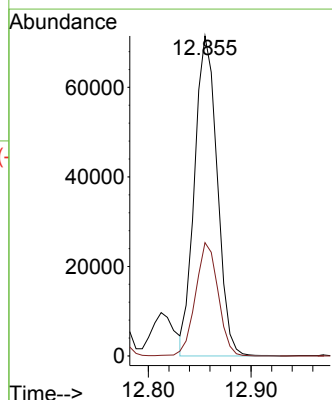
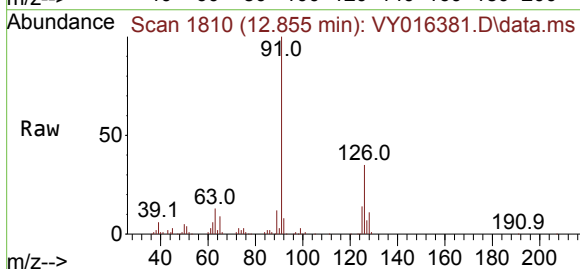
Instrument :
MSVOA_Y
ClientSampleId :

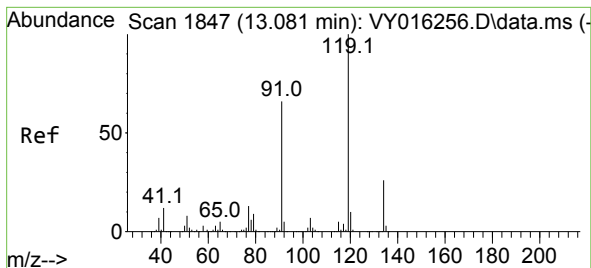
Tgt Ion: 75 Resp: 8761
Ion Ratio Lower Upper
75 100
53 88.9 77.8 116.8
89 50.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.173 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion: 91 Resp: 109515
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.726 ug/l

RT: 13.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

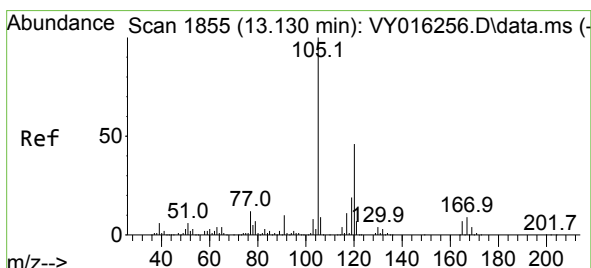
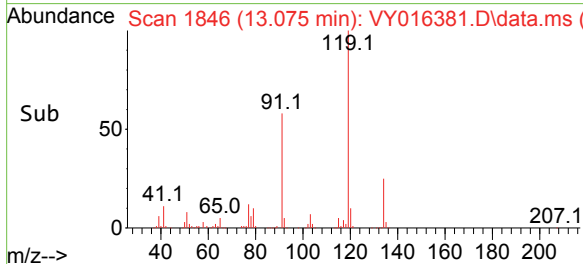
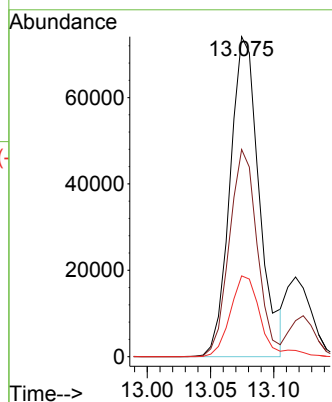
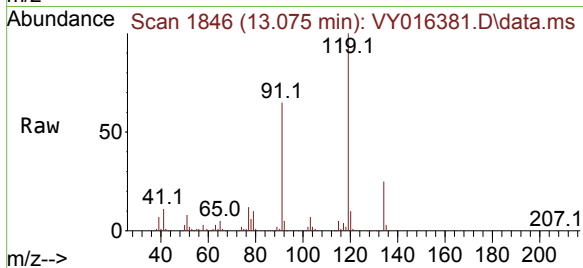
Tgt Ion:119 Resp: 118898

Ion Ratio Lower Upper

119 100

91 62.2 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.168 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016381.D

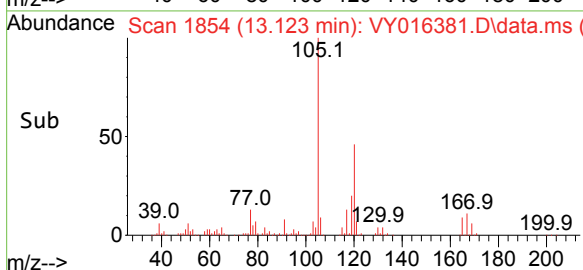
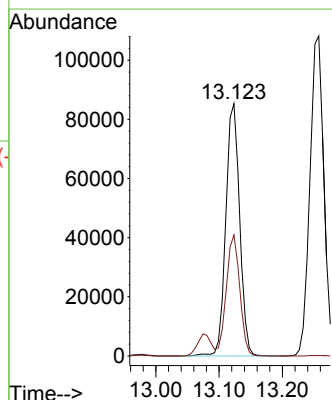
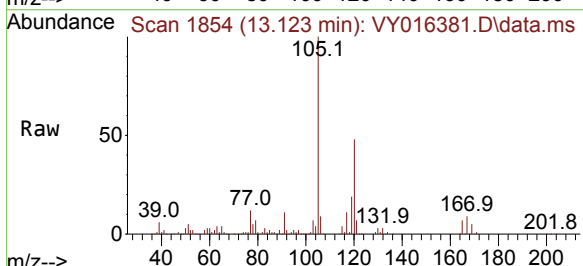
Acq: 16 Nov 2023 11:28

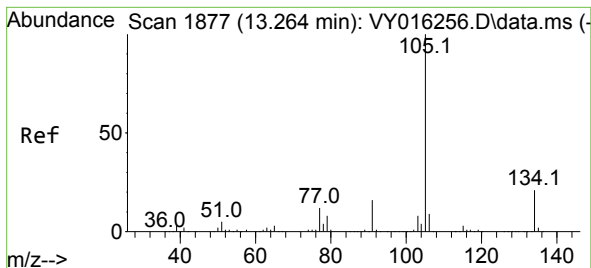
Tgt Ion:105 Resp: 129150

Ion Ratio Lower Upper

105 100

120 46.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.198 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

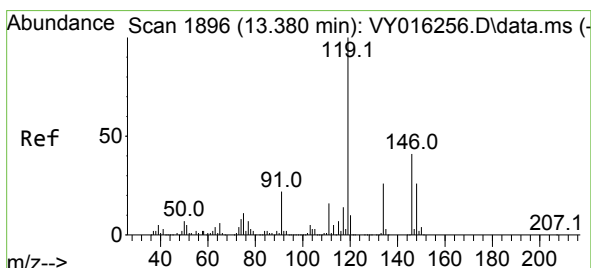
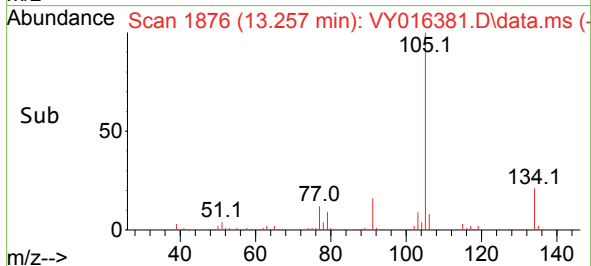
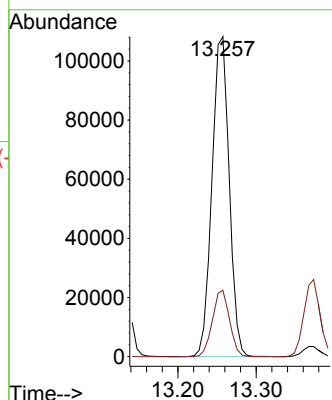
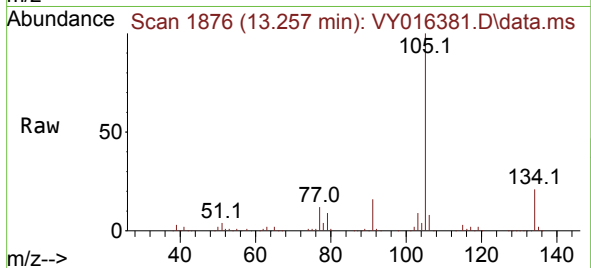
ClientSampleId :

Tgt Ion:105 Resp: 165308

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.170 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

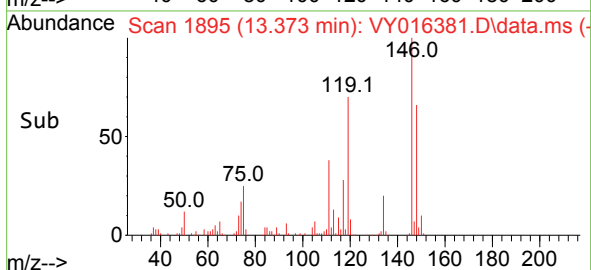
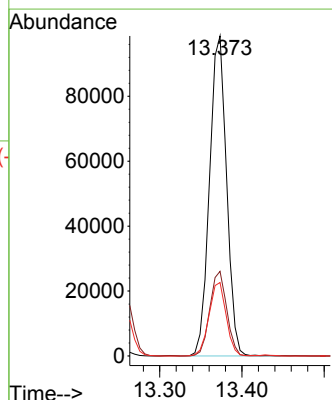
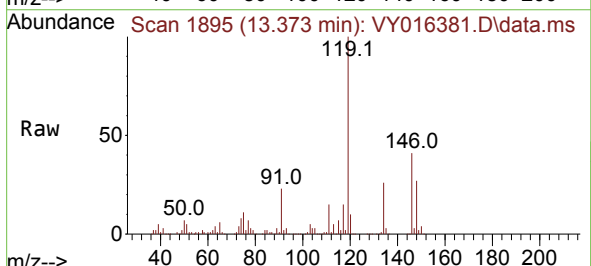
Tgt Ion:119 Resp: 142137

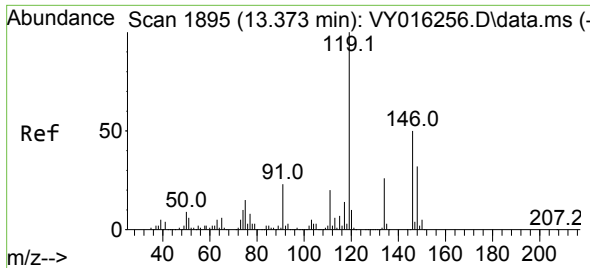
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.1 12.4 37.4

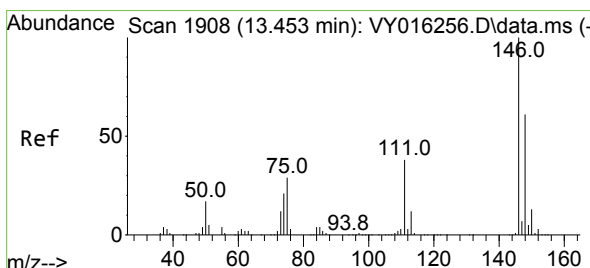
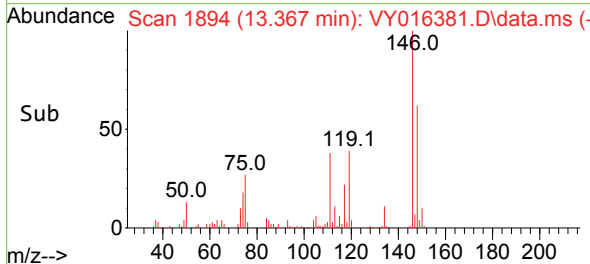
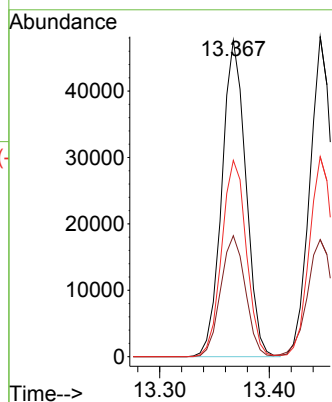
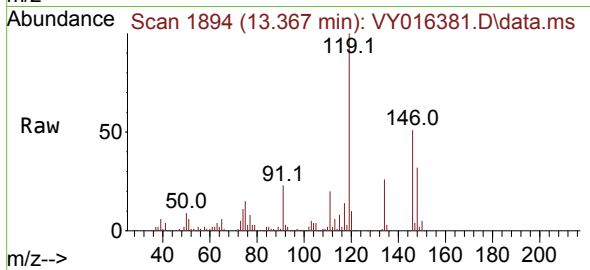




#87
1,3-Dichlorobenzene
Concen: 19.653 ug/l
RT: 13.367 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

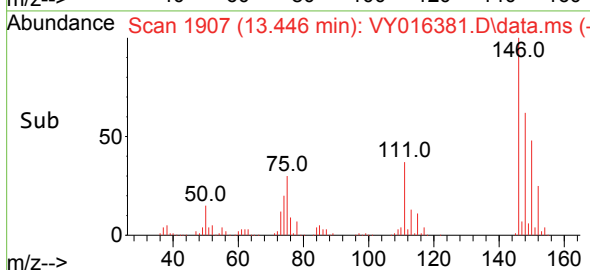
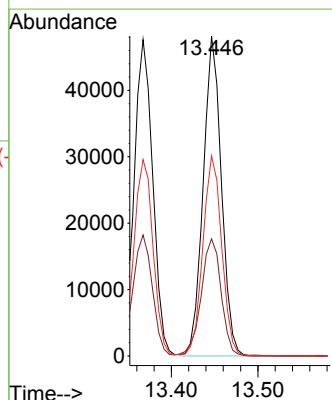
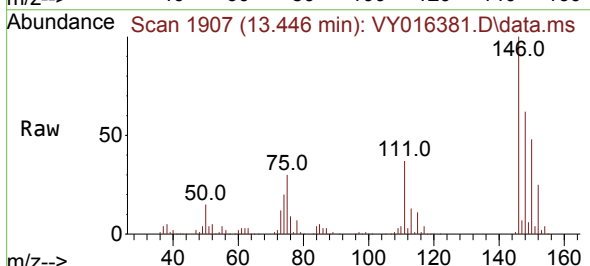
Instrument :
MSVOA_Y
ClientSampleId :

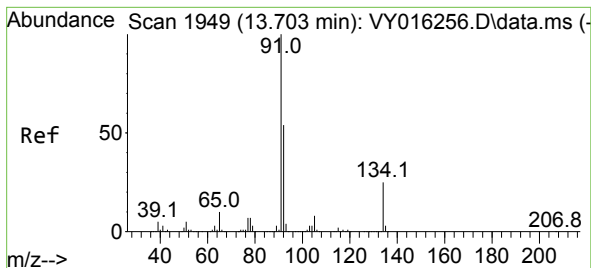
Tgt Ion:146 Resp: 72529
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.523 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion:146 Resp: 70415
Ion Ratio Lower Upper
146 100
111 40.0 18.9 56.7
148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 18.830 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

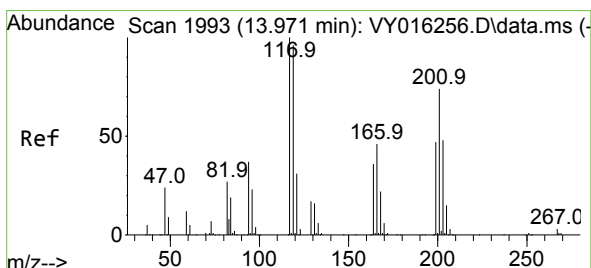
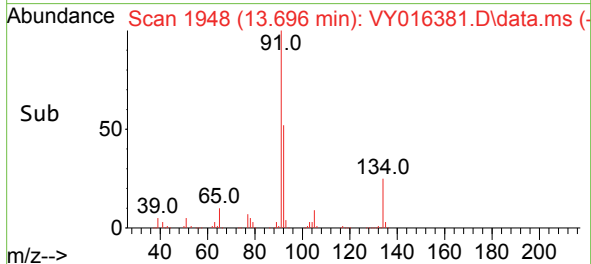
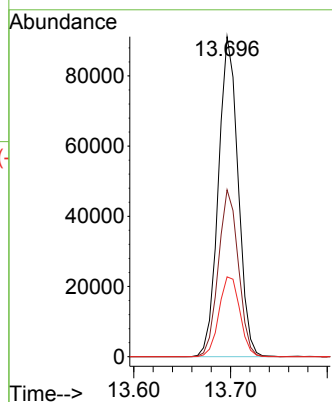
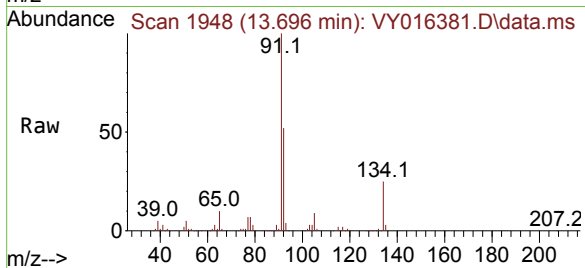
Tgt Ion: 91 Resp: 128934

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 19.468 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.012 min

Lab File: VY016381.D

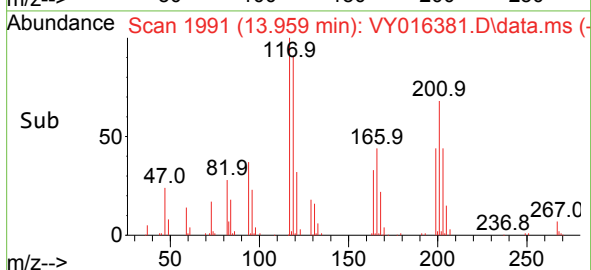
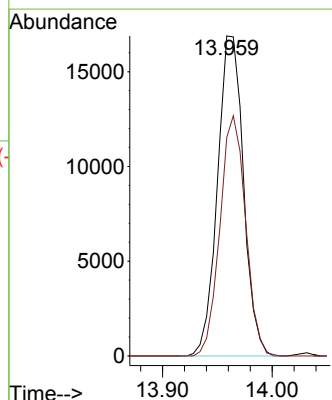
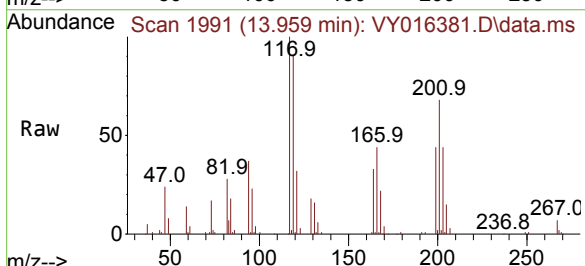
Acq: 16 Nov 2023 11:28

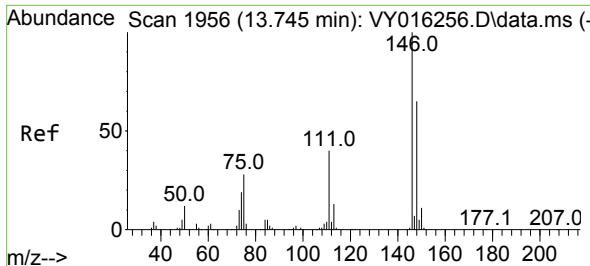
Tgt Ion: 117 Resp: 27845

Ion Ratio Lower Upper

117 100

201 73.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.665 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

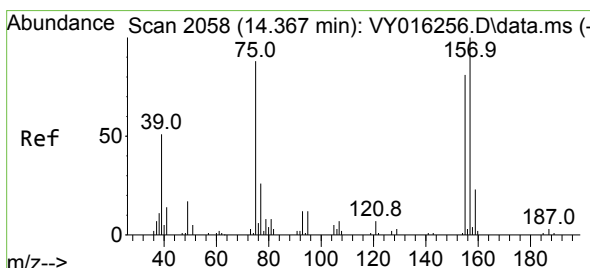
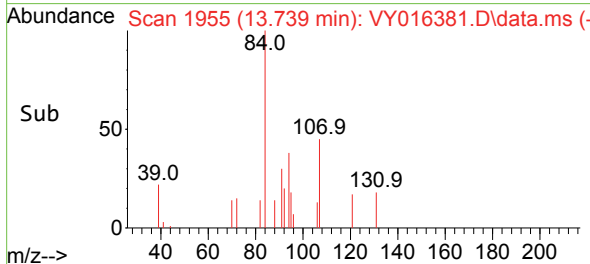
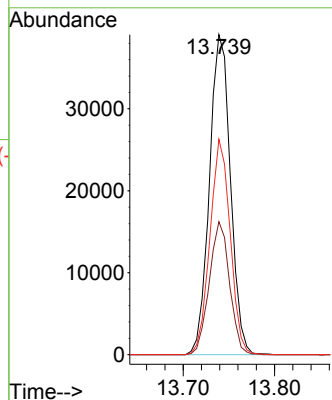
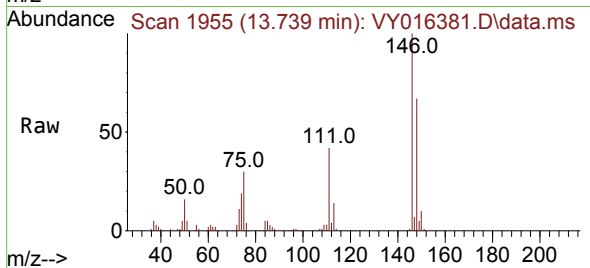
Tgt Ion:146 Resp: 62187

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.0

148 65.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.253 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.012 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

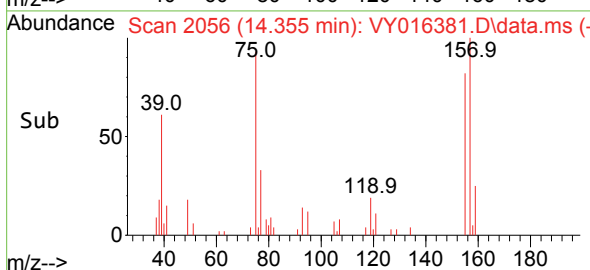
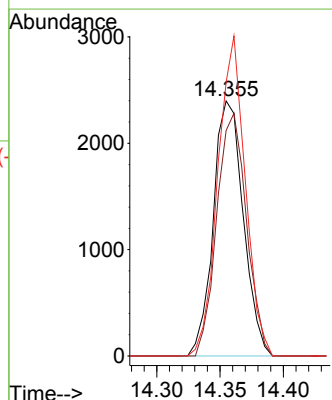
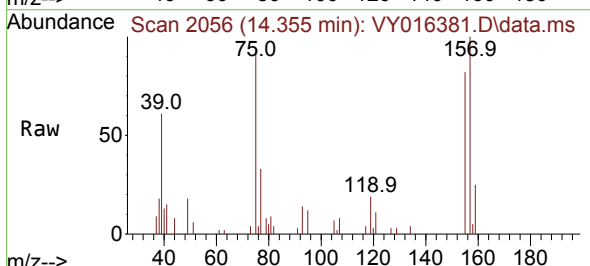
Tgt Ion: 75 Resp: 3955

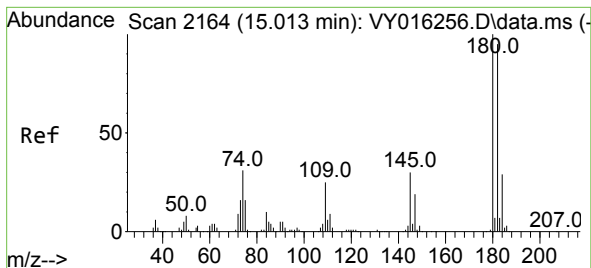
Ion Ratio Lower Upper

75 100

155 94.2 41.5 124.6

157 114.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.184 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

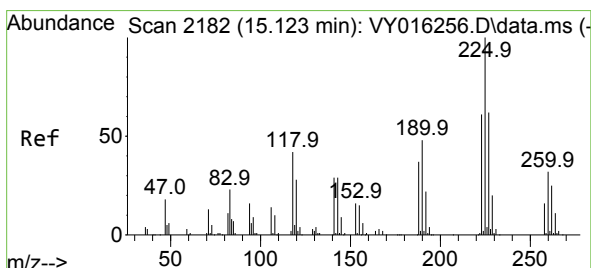
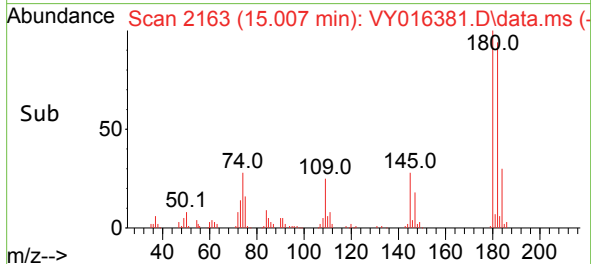
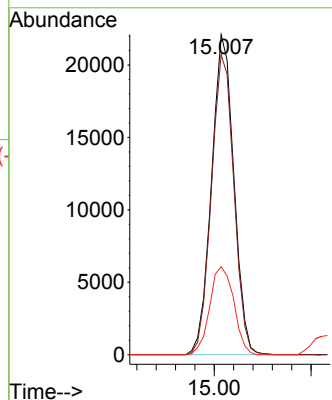
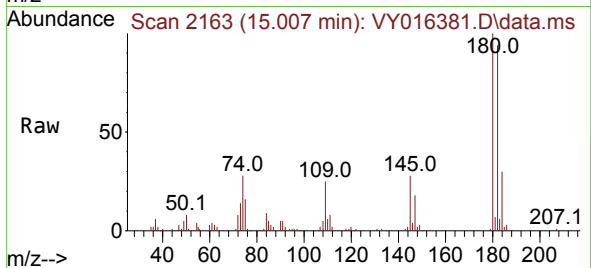
Tgt Ion:180 Resp: 35411

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.881 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016381.D

Acq: 16 Nov 2023 11:28

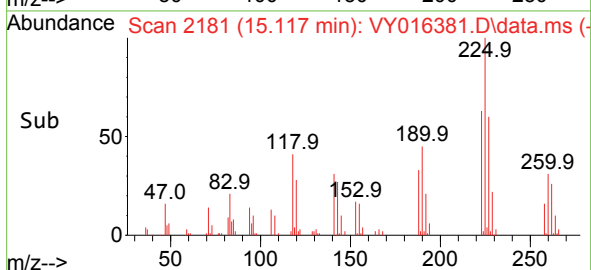
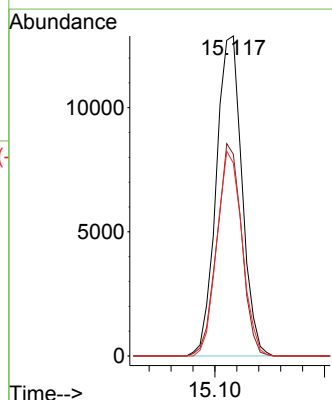
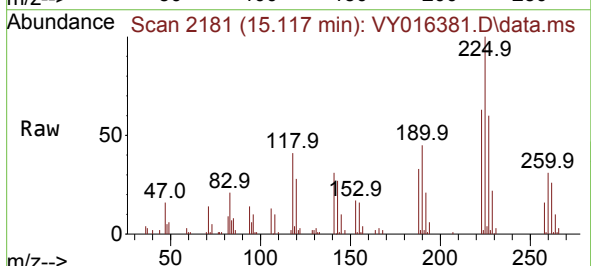
Tgt Ion:225 Resp: 21025

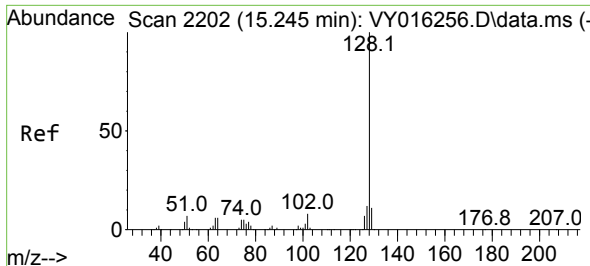
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.9

227 62.7 33.0 98.9

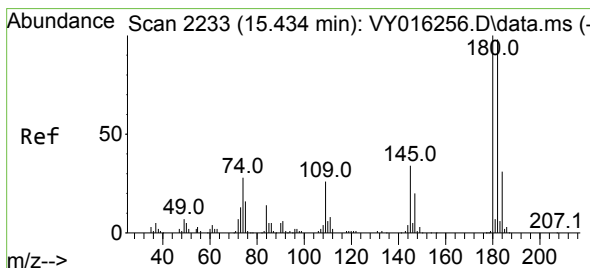
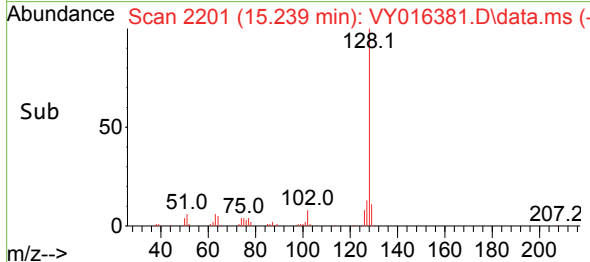
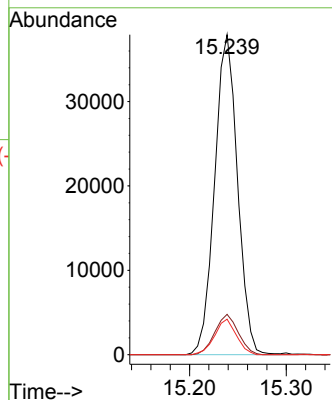
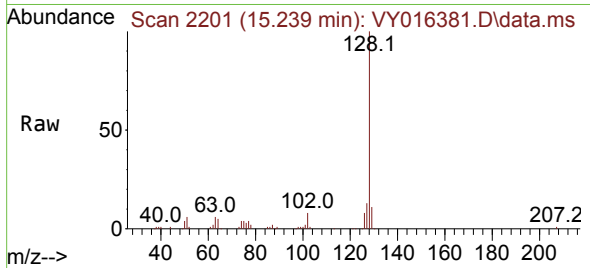




#95
Naphthalene
Concen: 18.833 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	128	Resp:	62175
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.8	16.2
129	10.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.746 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY016381.D
Acq: 16 Nov 2023 11:28

Tgt Ion:	180	Resp:	28621
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.3	141.8
145	32.9	15.4	46.2

