

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016357.D
 Acq On : 15 Nov 2023 10:27
 Operator : SY/MD
 Sample : VY1115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:01:44 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	7.813	168	160170	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	257031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	223045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	104430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	72424	49.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.940%
35) Dibromofluoromethane	7.740	113	76355	52.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.580%
50) Toluene-d8	10.197	98	298204	50.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.495	95	95872	49.854	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	29288	18.675	ug/l	97
3) Chloromethane	2.125	50	31485	17.142	ug/l	98
4) Vinyl Chloride	2.266	62	33303	16.862	ug/l	96
5) Bromomethane	2.668	94	21700	16.718	ug/l	92
6) Chloroethane	2.808	64	22486	17.842	ug/l	98
7) Trichlorofluoromethane	3.143	101	54725	19.045	ug/l	99
8) Diethyl Ether	3.546	74	16330	19.015	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.924	101	32928	19.026	ug/l	96
10) Methyl Iodide	4.113	142	33568	17.958	ug/l	98
11) Tert butyl alcohol	4.985	59	9604	83.780	ug/l #	81
12) 1,1-Dichloroethene	3.893	96	29593	18.283	ug/l	90
13) Acrolein	3.753	56	12219	88.371	ug/l	99
14) Allyl chloride	4.503	41	41610	18.116	ug/l #	92
15) Acrylonitrile	5.186	53	33723	98.947	ug/l	95
16) Acetone	3.966	43	28175	116.356	ug/l #	84
17) Carbon Disulfide	4.222	76	80364	16.456	ug/l	100
18) Methyl Acetate	4.503	43	24430	18.987	ug/l	92
19) Methyl tert-butyl Ether	5.241	73	73196	18.684	ug/l	98
20) Methylene Chloride	4.747	84	36581	19.244	ug/l #	83
21) trans-1,2-Dichloroethene	5.247	96	33838	18.157	ug/l	92
22) Diisopropyl ether	6.149	45	94786	19.149	ug/l #	86
23) Vinyl Acetate	6.088	43	226446	94.411	ug/l #	91
24) 1,1-Dichloroethane	6.045	63	58873	19.279	ug/l	96
25) 2-Butanone	7.009	43	44916	105.901	ug/l	92
26) 2,2-Dichloropropane	7.002	77	53762	19.343	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	38009	18.925	ug/l	92
28) Bromochloromethane	7.356	49	22261	19.696	ug/l	89
29) Tetrahydrofuran	7.374	42	25561	91.180	ug/l #	88
30) Chloroform	7.527	83	63515	19.982	ug/l	97
31) Cyclohexane	7.807	56	50836	17.638	ug/l #	82
32) 1,1,1-Trichloroethane	7.728	97	57233	19.642	ug/l	98
36) 1,1-Dichloropropene	7.941	75	47767	18.841	ug/l	100
37) Ethyl Acetate	7.100	43	18387	17.949	ug/l #	93
38) Carbon Tetrachloride	7.923	117	51378	19.526	ug/l	99
39) Methylcyclohexane	9.203	83	56235	17.801	ug/l	91
40) Benzene	8.185	78	137280	19.272	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	9572	18.532	ug/l	89
42) 1,2-Dichloroethane	8.258	62	36486	19.769	ug/l	93
43) Isopropyl Acetate	8.289	43	37602	18.990	ug/l #	90
44) Trichloroethene	8.959	130	38573	18.842	ug/l	100
45) 1,2-Dichloropropane	9.234	63	33770	19.741	ug/l	96
46) Dibromomethane	9.325	93	18113	19.539	ug/l	97
47) Bromodichloromethane	9.514	83	47633	19.986	ug/l	97
48) Methyl methacrylate	9.313	41	20659	18.878	ug/l	86
49) 1,4-Dioxane	9.319	88	3758	381.846	ug/l #	47
51) 4-Methyl-2-Pentanone	10.087	43	97202	97.075	ug/l	91
52) Toluene	10.258	92	86691	19.253	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	44808	19.394	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	53972	19.559	ug/l	91
55) 1,1,2-Trichloroethane	10.660	97	25784	20.180	ug/l	92
56) Ethyl methacrylate	10.526	69	23191	19.228	ug/l #	84
57) 1,3-Dichloropropane	10.807	76	43703	20.066	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.801	63	77586	94.868	ug/l	93
59) 2-Hexanone	10.849	43	78414	105.282	ug/l	89
60) Dibromochloromethane	11.002	129	32829	20.544	ug/l	100
61) 1,2-Dibromoethane	11.105	107	23952	19.677	ug/l	99
64) Tetrachloroethene	10.734	164	38949	19.448	ug/l	94
65) Chlorobenzene	11.532	112	93216	19.561	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	35440	20.163	ug/l	99
67) Ethyl Benzene	11.605	91	165883	19.369	ug/l	100
68) m/p-Xylenes	11.715	106	126451	38.928	ug/l	96
69) o-Xylene	12.044	106	58987	19.558	ug/l	96
70) Styrene	12.056	104	84932	19.667	ug/l	98
71) Bromoform	12.221	173	18662	20.462	ug/l #	96
73) Isopropylbenzene	12.343	105	162115	19.170	ug/l	100
74) N-amyl acetate	12.160	43	30437	17.919	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.599	83	27101	19.972	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	34874	34.812	ug/l #	100
77) Bromobenzene	12.623	156	37304	19.518	ug/l	93
78) n-propylbenzene	12.684	91	193154	19.327	ug/l	100
79) 2-Chlorotoluene	12.770	91	106404	19.320	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	131839	19.337	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	8714	18.881	ug/l	92
82) 4-Chlorotoluene	12.867	91	110758	19.462	ug/l	99
83) tert-Butylbenzene	13.087	119	119033	19.821	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	130865	19.493	ug/l	98
85) sec-Butylbenzene	13.270	105	165430	19.282	ug/l	100
86) p-Isopropyltoluene	13.385	119	144046	19.498	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	71587	19.469	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	70464	19.608	ug/l	98
89) n-Butylbenzene	13.709	91	132184	19.375	ug/l	97
90) Hexachloroethane	13.971	117	27807	19.512	ug/l	90
91) 1,2-Dichlorobenzene	13.751	146	62062	19.697	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3825	17.717	ug/l	86
93) 1,2,4-Trichlorobenzene	15.019	180	35226	19.153	ug/l	98
94) Hexachlorobutadiene	15.123	225	21309	20.223	ug/l	99
95) Naphthalene	15.251	128	60569	18.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	29273	19.243	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Nov 16 00:01:44 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

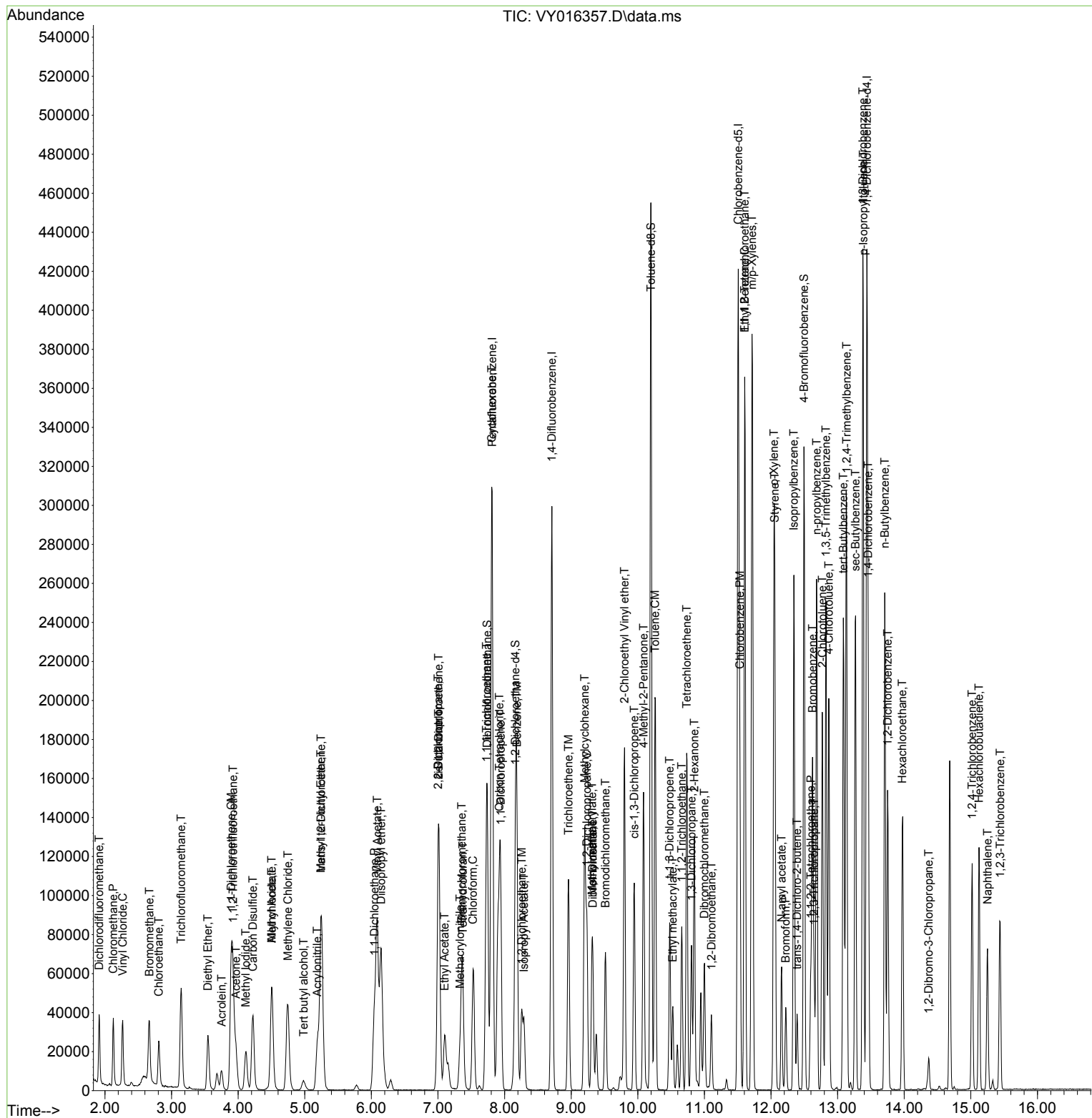
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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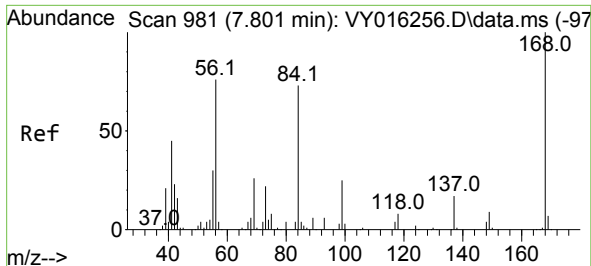
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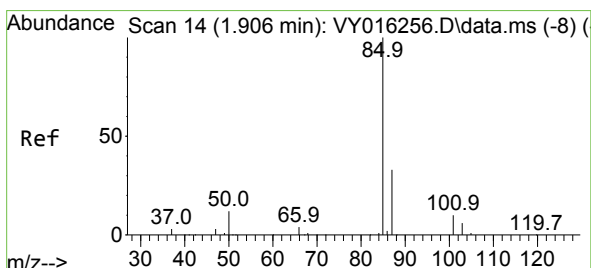
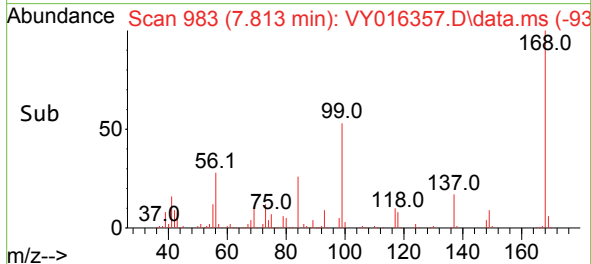
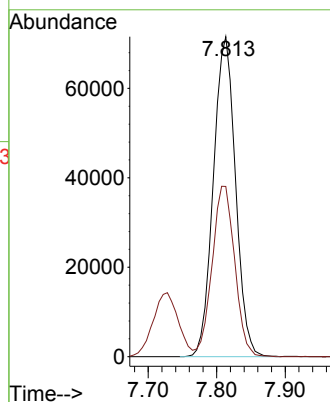
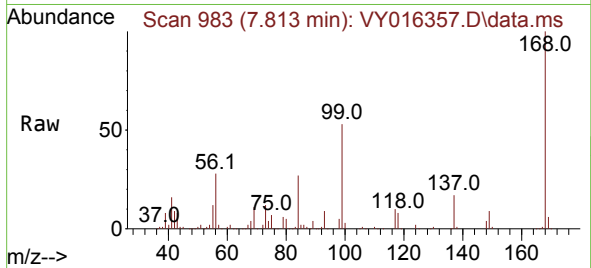




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016357.D
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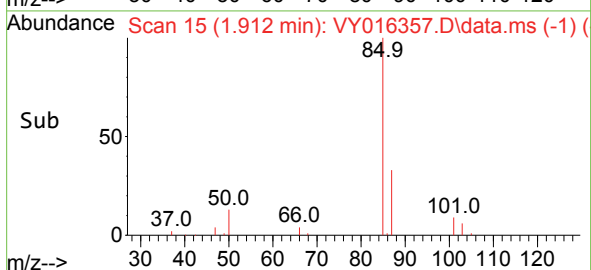
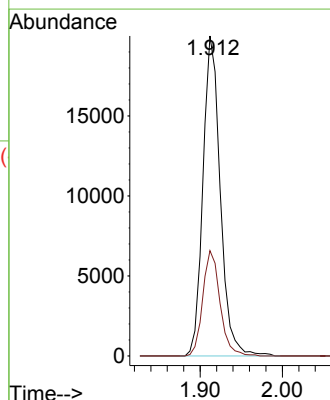
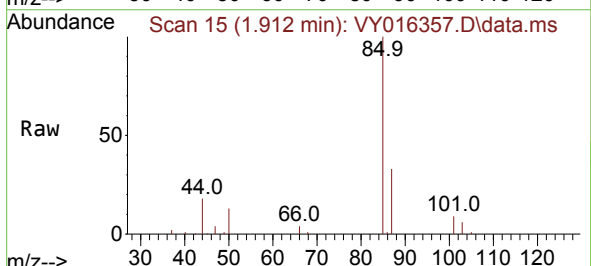
Instrument :
MSVOA_Y
ClientSampleId :

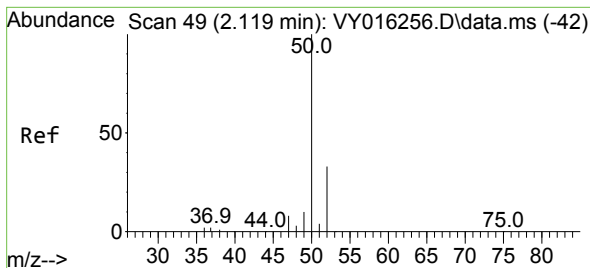
Tgt Ion:168 Resp: 160170
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.675 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion: 85 Resp: 29288
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8





#3

Chloromethane

Concen: 17.142 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

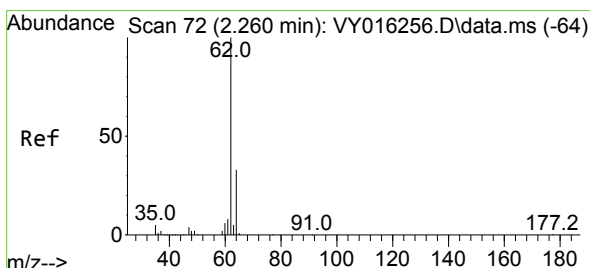
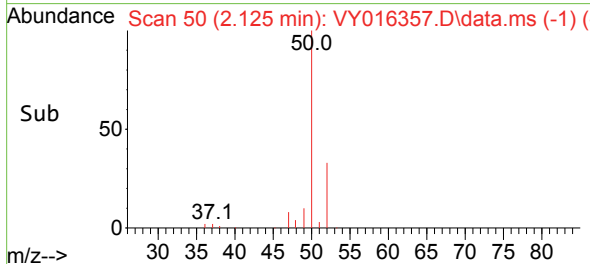
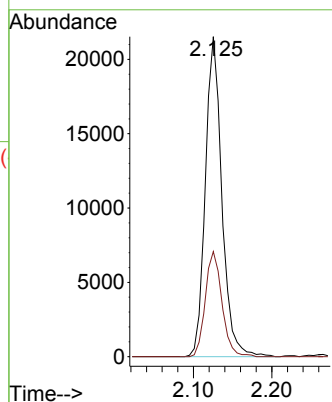
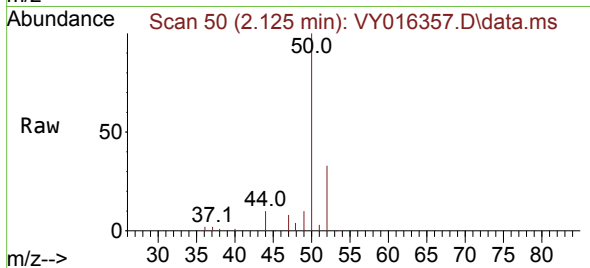
ClientSampleId :

Tgt Ion: 50 Resp: 31485

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2



#4

Vinyl Chloride

Concen: 16.862 ug/l

RT: 2.266 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016357.D

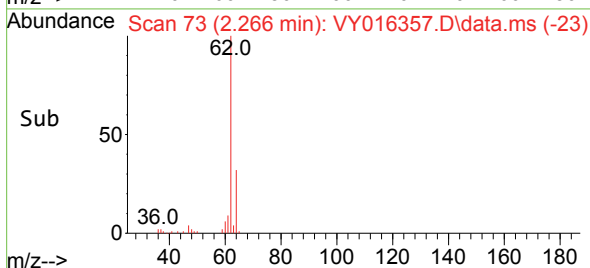
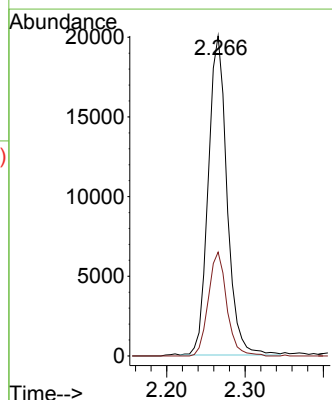
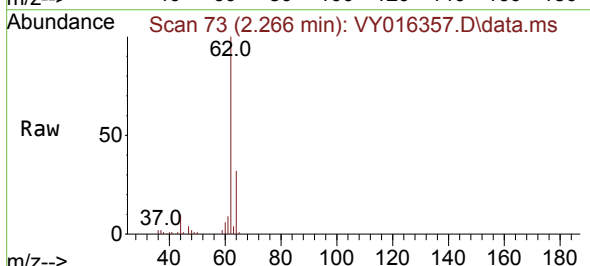
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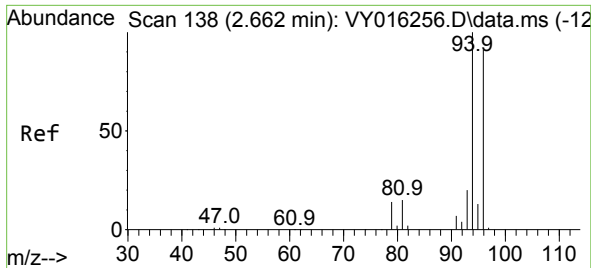
Tgt Ion: 62 Resp: 33303

Ion Ratio Lower Upper

62 100

64 32.6 24.3 36.5





#5

Bromomethane

Concen: 16.718 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

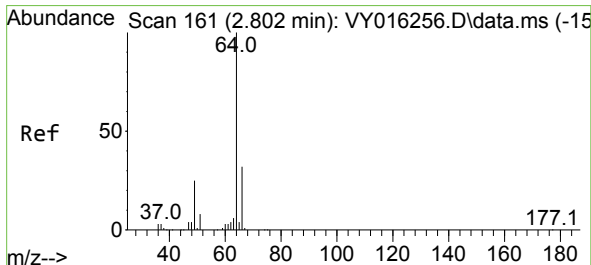
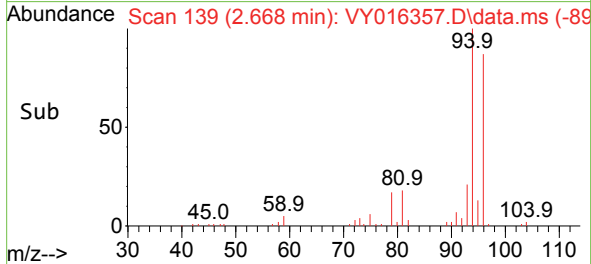
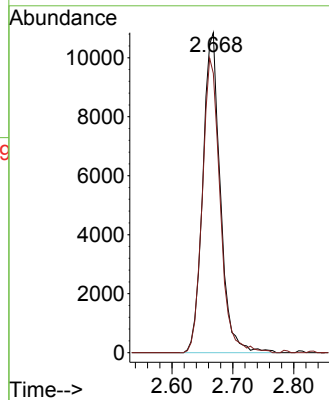
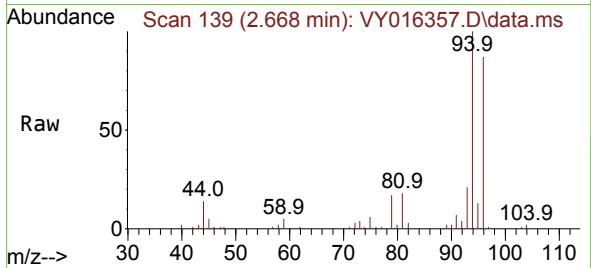
ClientSampleId :

Tgt Ion: 94 Resp: 21700

Ion Ratio Lower Upper

94 100

96 87.3 75.8 113.6



#6

Chloroethane

Concen: 17.842 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.006 min

Lab File: VY016357.D

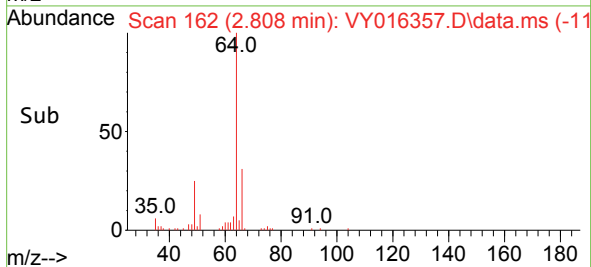
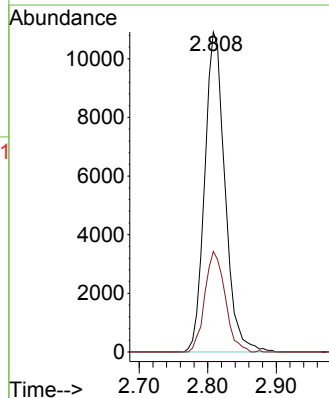
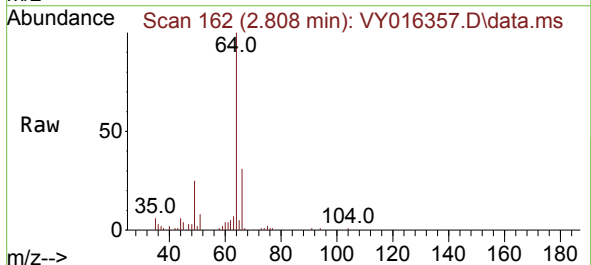
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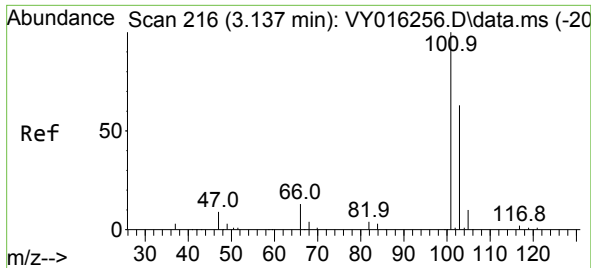
Tgt Ion: 64 Resp: 22486

Ion Ratio Lower Upper

64 100

66 31.4 24.4 36.6

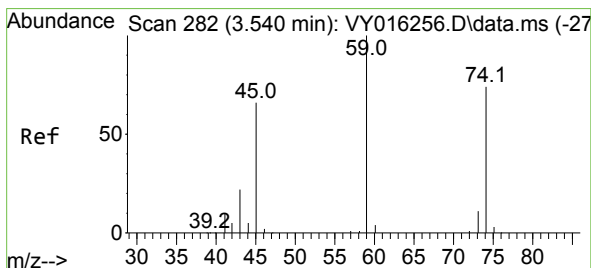
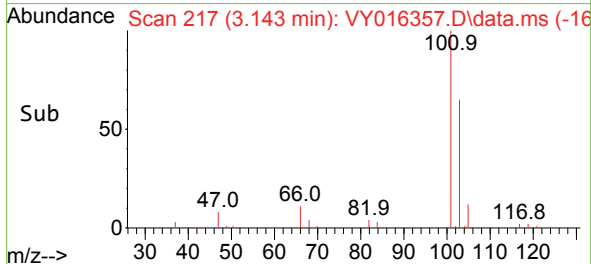
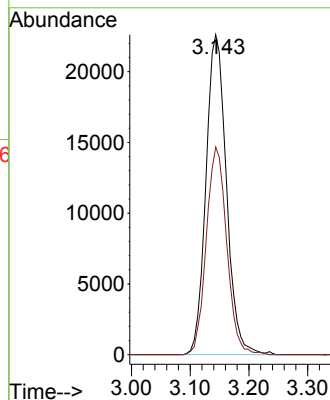
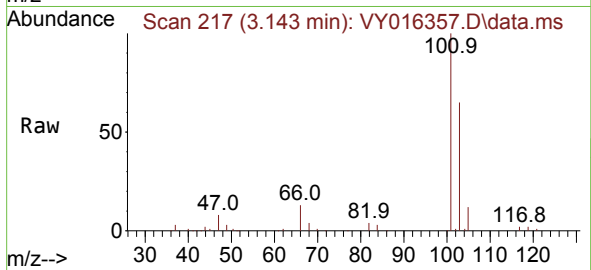




#7
Trichlorofluoromethane
Concen: 19.045 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

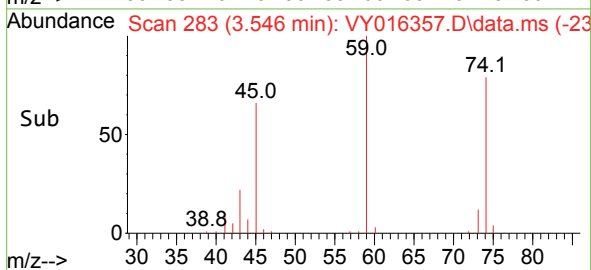
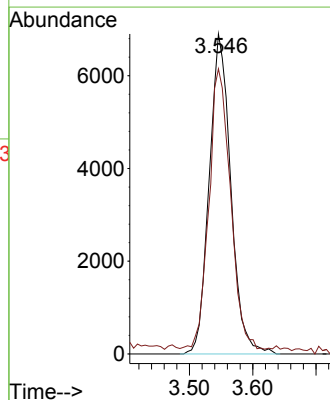
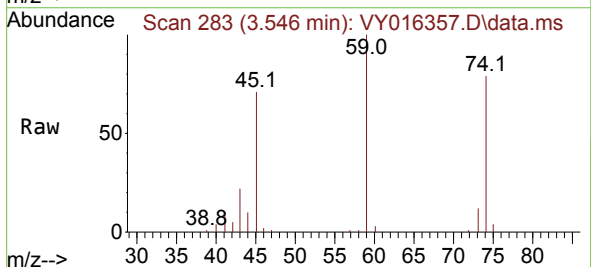
Instrument :
MSVOA_Y
ClientSampleId :

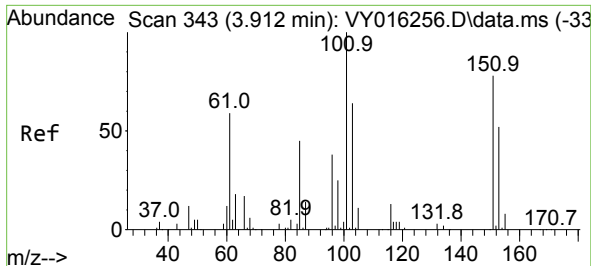
Tgt Ion:101 Resp: 54725
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0



#8
Diethyl Ether
Concen: 19.015 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion: 74 Resp: 16330
Ion Ratio Lower Upper
74 100
45 87.3 51.5 154.5

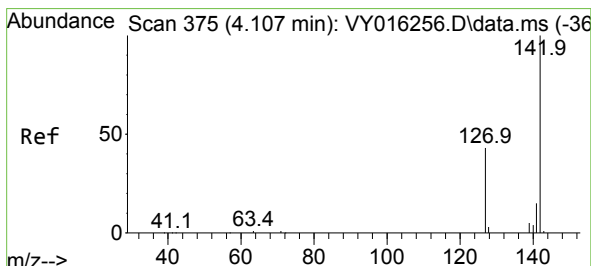
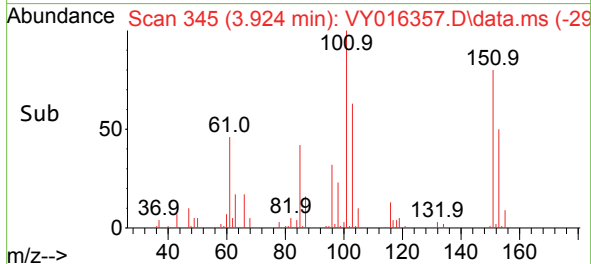
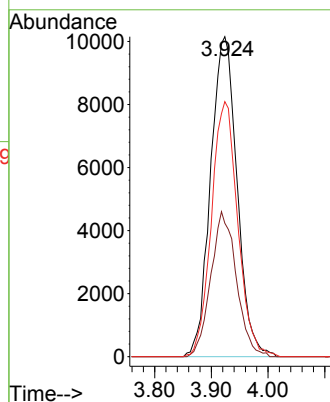
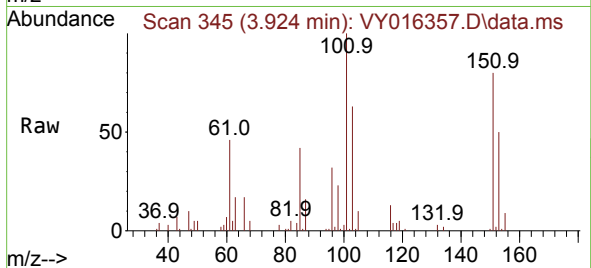




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.026 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

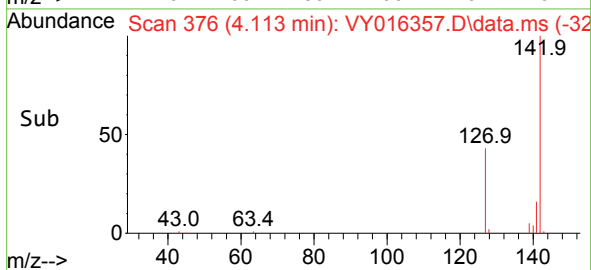
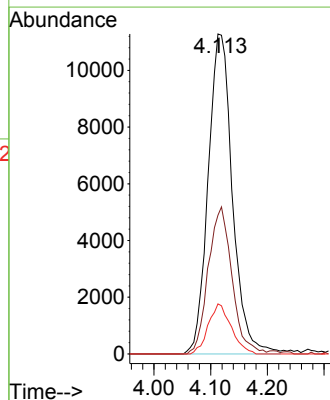
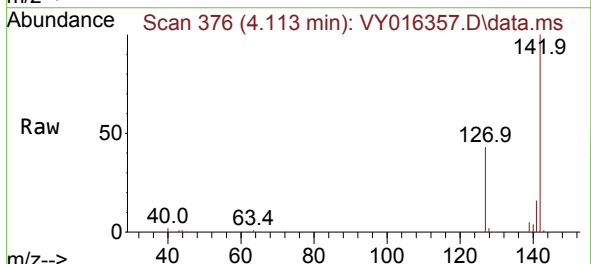
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 32928
Ion Ratio Lower Upper
101 100
85 43.8 36.6 55.0
151 79.4 67.0 100.6



#10
Methyl Iodide
Concen: 17.958 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion:142 Resp: 33568
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 83.780 ug/l

RT: 4.985 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

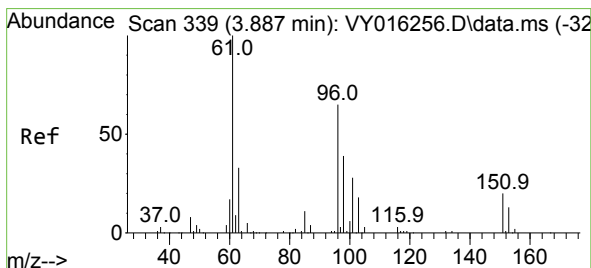
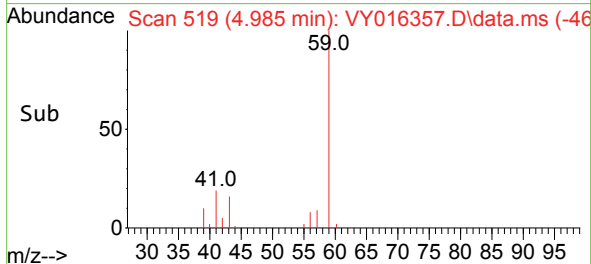
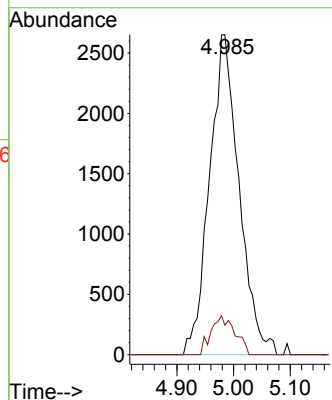
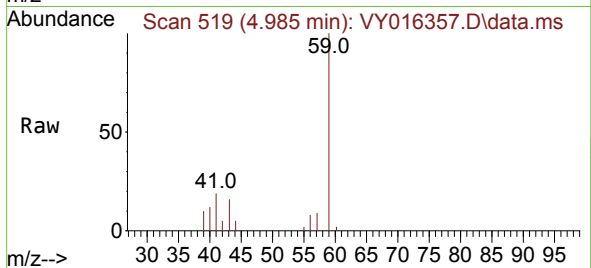
ClientSampleId :

Tgt Ion: 59 Resp: 9604

Ion Ratio Lower Upper

59 100

57 9.8 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 18.283 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

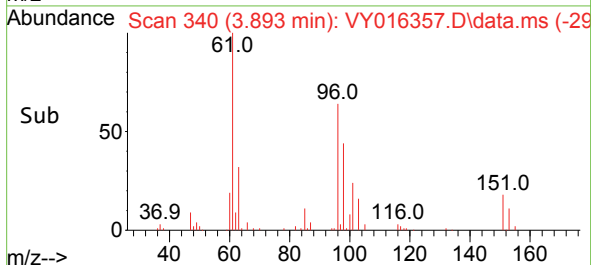
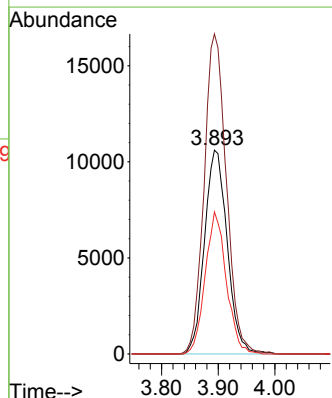
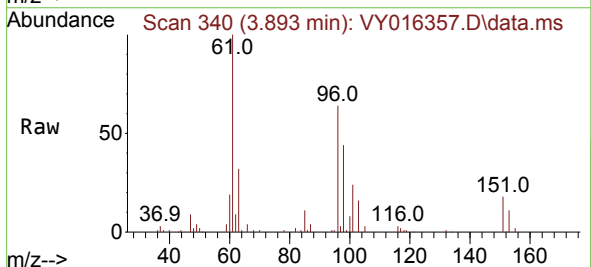
Tgt Ion: 96 Resp: 29593

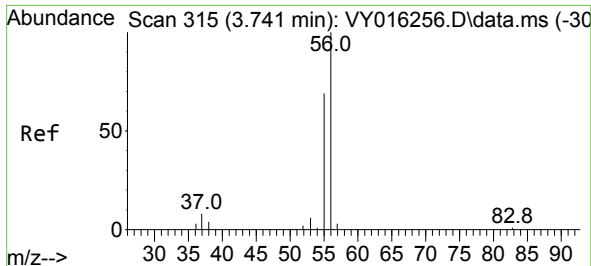
Ion Ratio Lower Upper

96 100

61 156.9 136.4 204.6

98 69.6 49.4 74.2

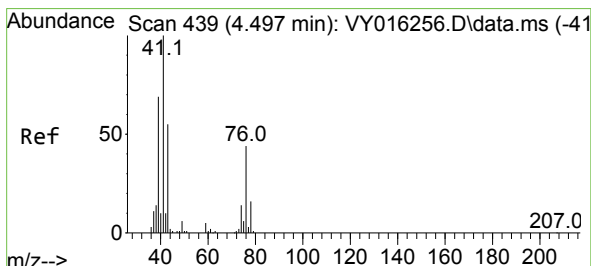
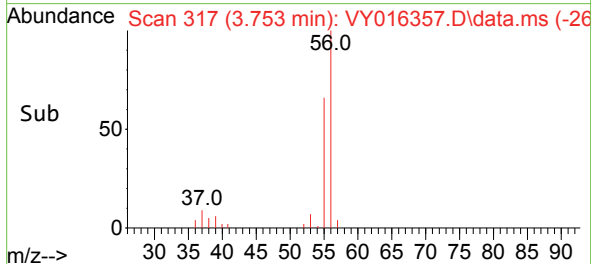
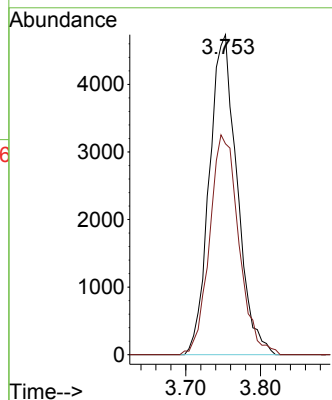
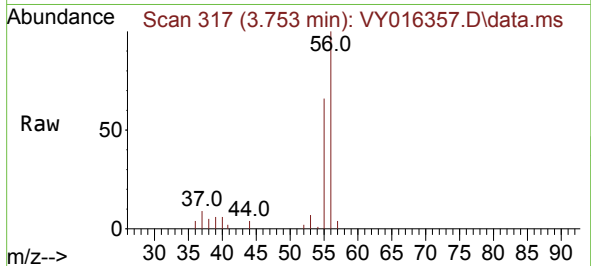




#13
Acrolein
Concen: 88.371 ug/l
RT: 3.753 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

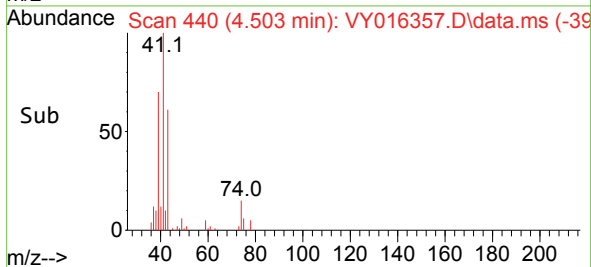
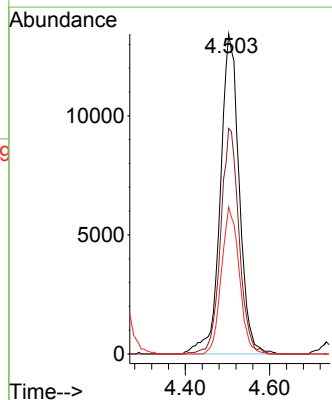
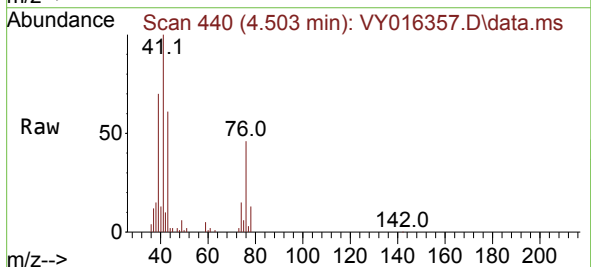
Instrument :
MSVOA_Y
ClientSampleId :

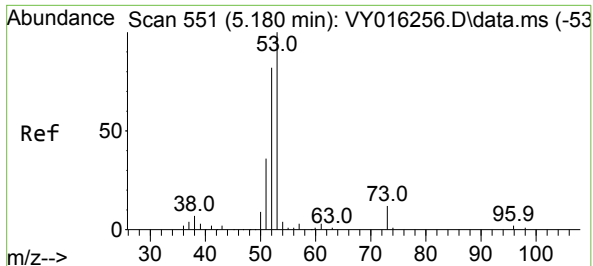
Tgt Ion: 56 Resp: 12219
Ion Ratio Lower Upper
56 100
55 72.3 57.0 85.4



#14
Allyl chloride
Concen: 18.116 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

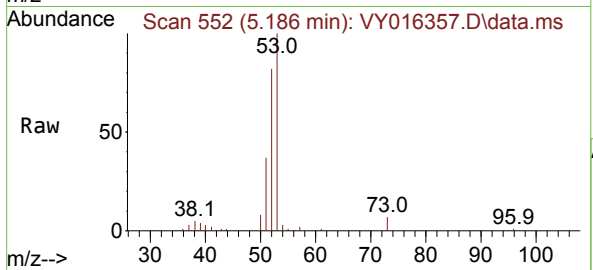
Tgt Ion: 41 Resp: 41610
Ion Ratio Lower Upper
41 100
39 68.7 58.0 87.0
76 43.3 27.4 41.2#



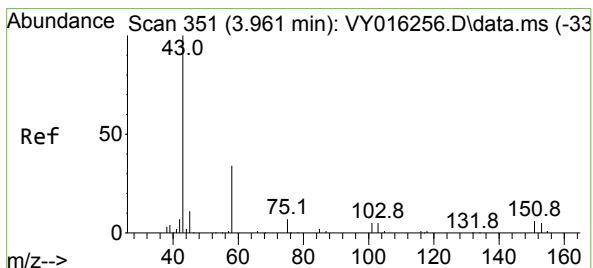
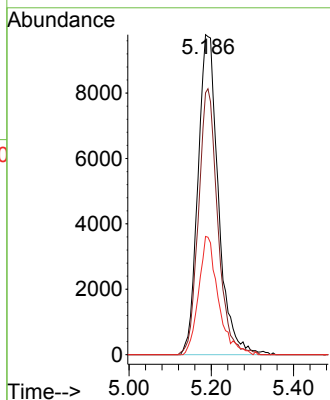
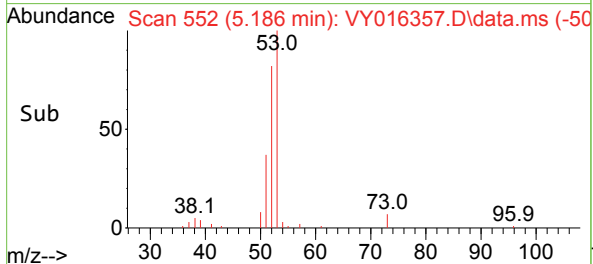


#15
Acrylonitrile
Concen: 98.947 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Instrument :
MSVOA_Y
ClientSampleId :

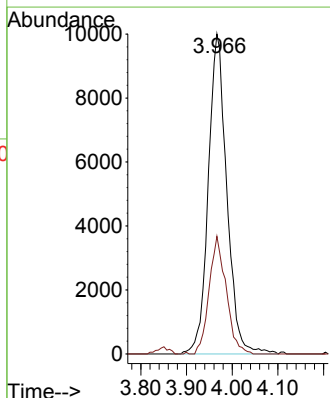
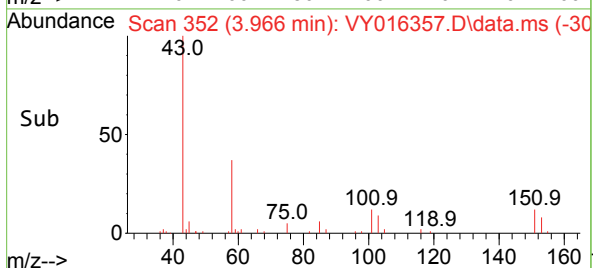
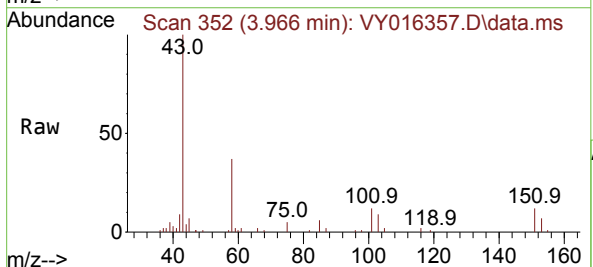


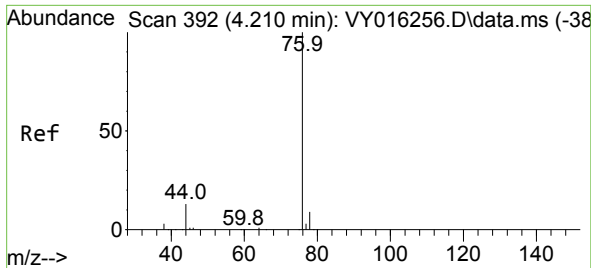
Tgt Ion: 53 Resp: 33723
Ion Ratio Lower Upper
53 100
52 78.3 66.9 100.3
51 35.6 29.8 44.6



#16
Acetone
Concen: 116.356 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion: 43 Resp: 28175
Ion Ratio Lower Upper
43 100
58 36.7 22.7 34.1#





#17

Carbon Disulfide

Concen: 16.456 ug/l

RT: 4.222 min Scan# 394

Delta R.T. 0.012 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

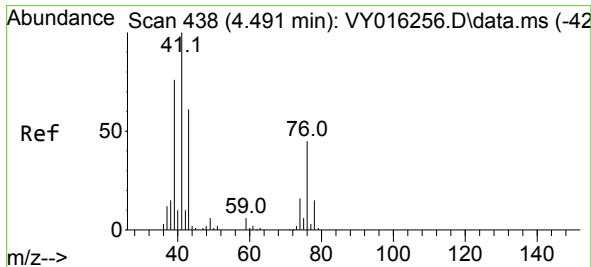
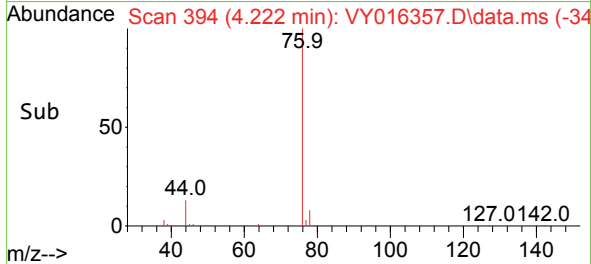
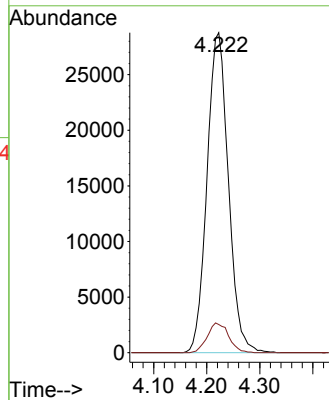
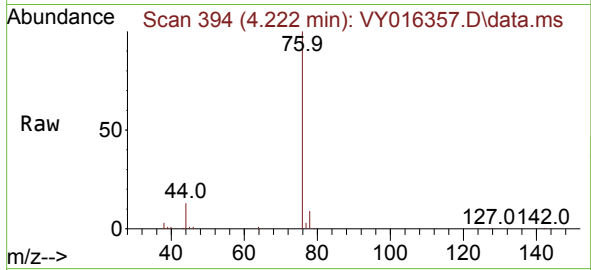
ClientSampleId :

Tgt Ion: 76 Resp: 80364

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



#18

Methyl Acetate

Concen: 18.987 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016357.D

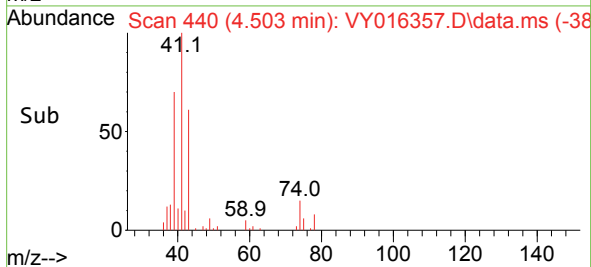
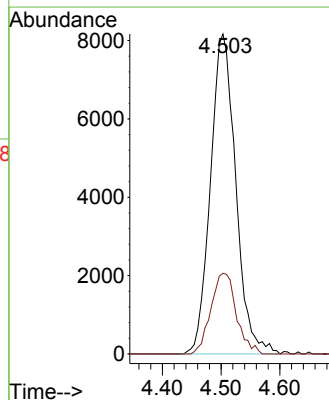
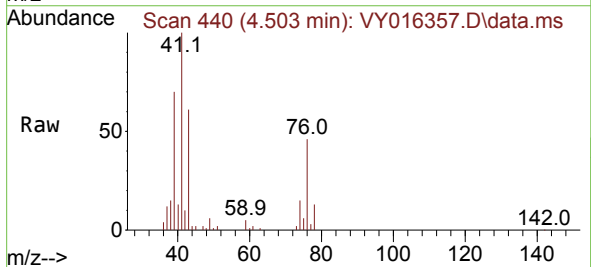
Acq: 15 Nov 2023 10:27

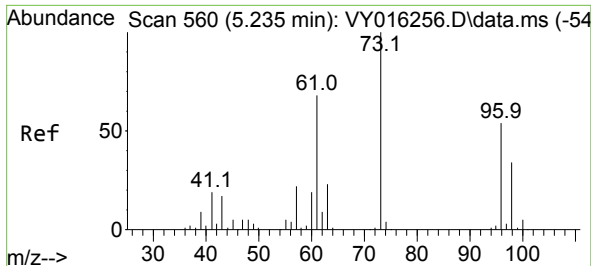
Tgt Ion: 43 Resp: 24430

Ion Ratio Lower Upper

43 100

74 25.4 17.4 26.0

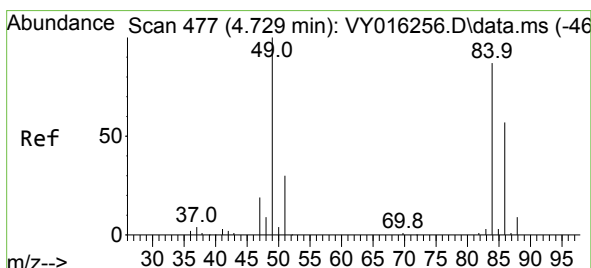
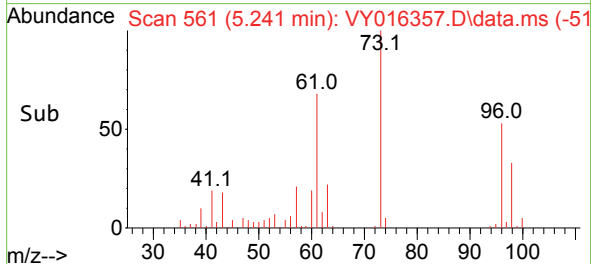
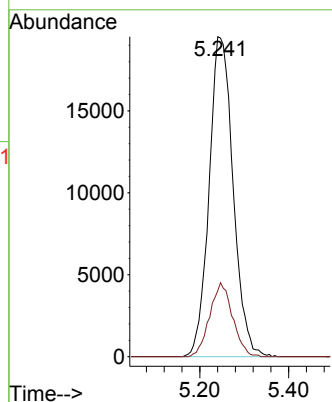
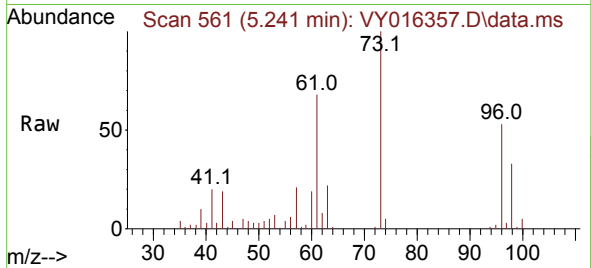




#19
Methyl tert-butyl Ether
Concen: 18.684 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

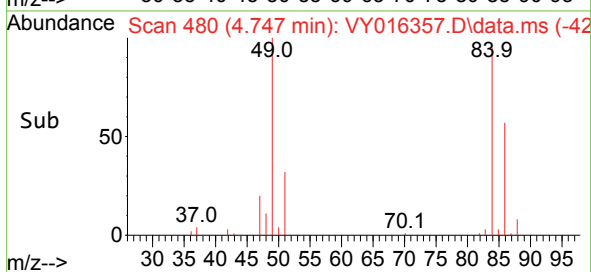
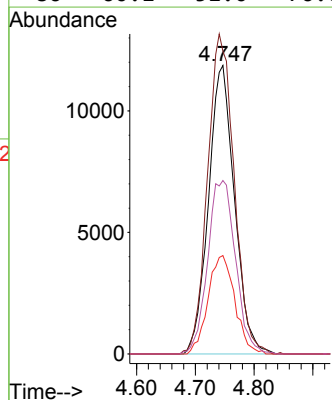
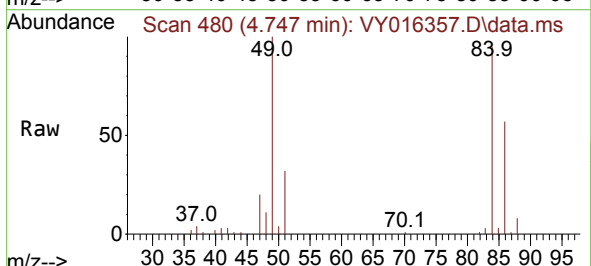
Instrument :
MSVOA_Y
ClientSampleId :

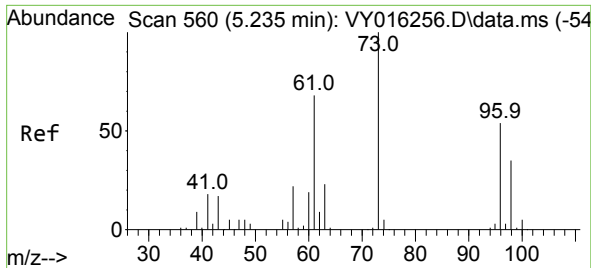
Tgt Ion: 73 Resp: 73196
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 19.244 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion: 84 Resp: 36581
Ion Ratio Lower Upper
84 100
49 104.9 106.9 160.3#
51 34.1 33.2 49.8
86 60.1 51.0 76.6

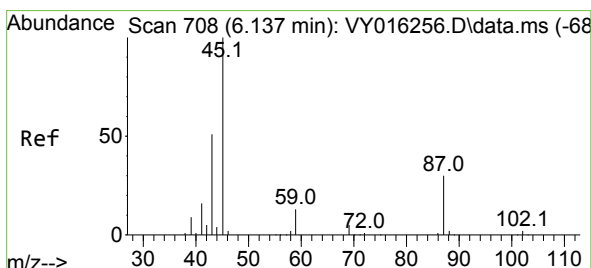
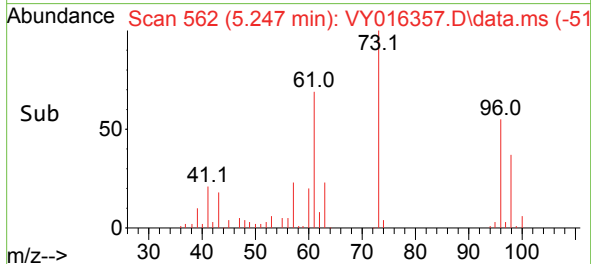
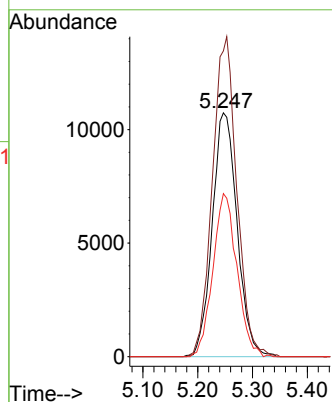
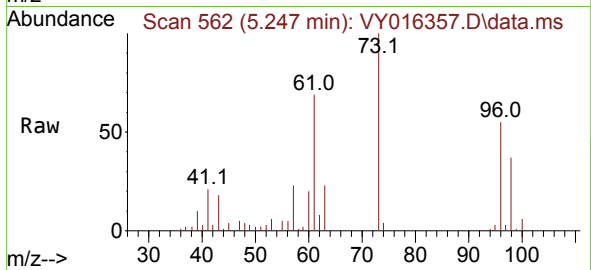




#21
trans-1,2-Dichloroethene
Concen: 18.157 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

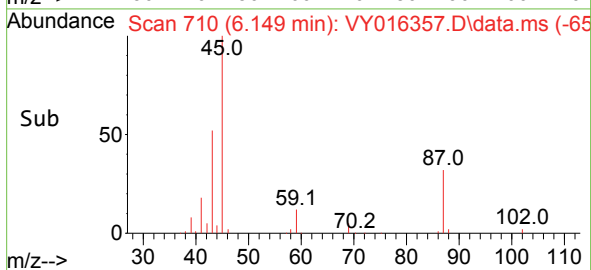
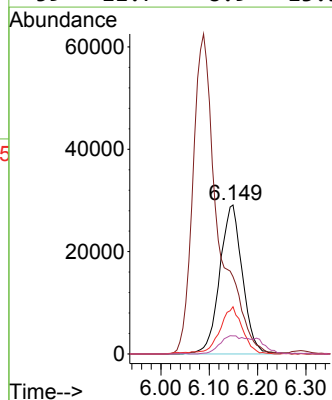
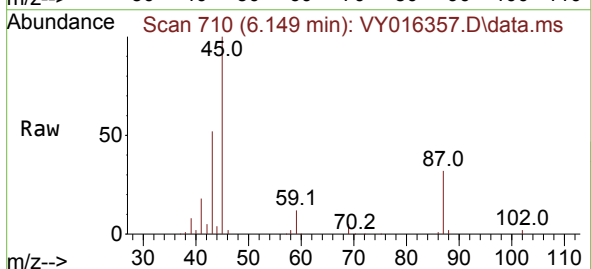
Instrument :
MSVOA_Y
ClientSampleId :

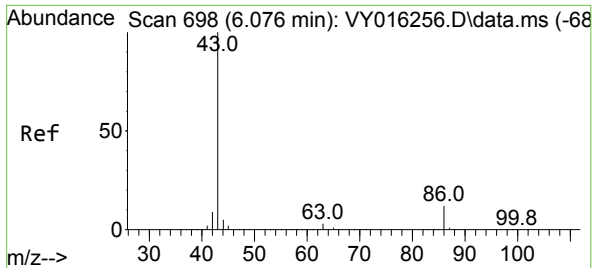
Tgt Ion: 96 Resp: 33838
Ion Ratio Lower Upper
96 100
61 125.4 110.2 165.4
98 66.9 51.8 77.6



#22
Diisopropyl ether
Concen: 19.149 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.012 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion: 45 Resp: 94786
Ion Ratio Lower Upper
45 100
43 50.9 52.2 78.4#
87 31.7 21.0 31.6#
59 11.7 8.9 13.3

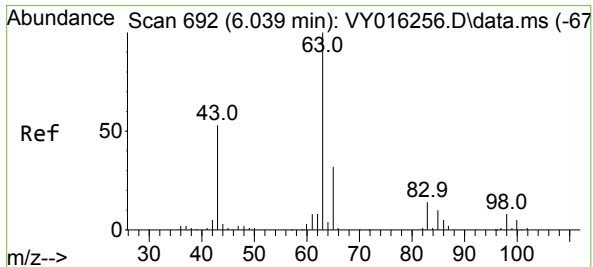
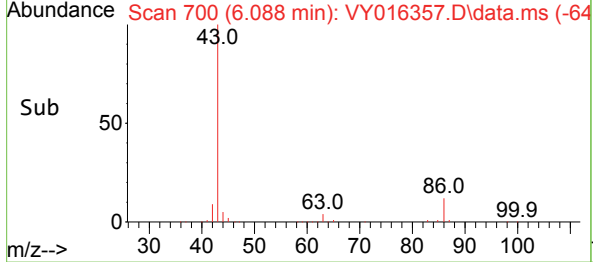
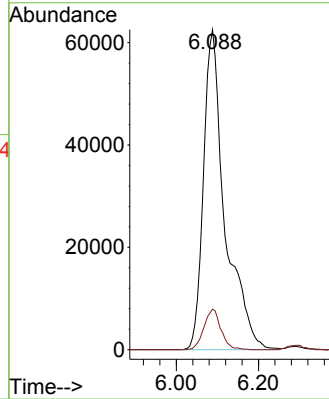
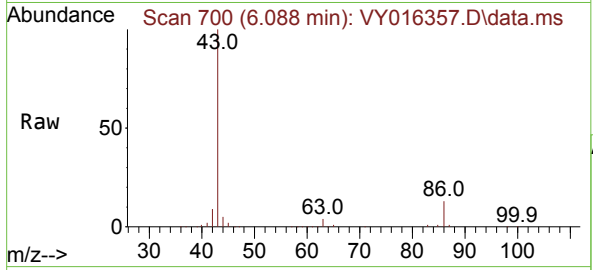




#23
 Vinyl Acetate
 Concen: 94.411 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY016357.D
 Acq: 15 Nov 2023 10:27

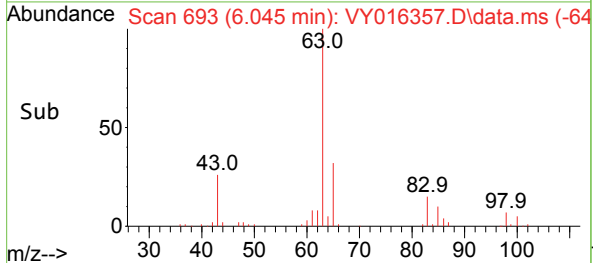
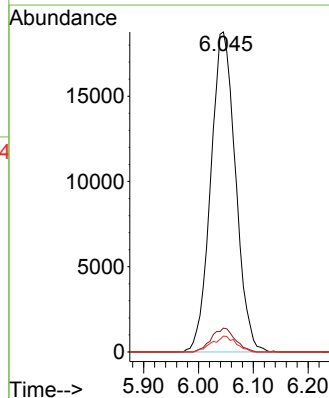
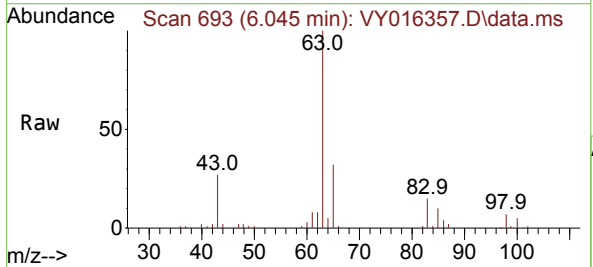
Instrument :
 MSVOA_Y
 ClientSampleId :

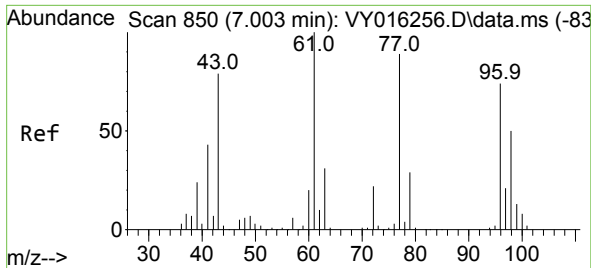
Tgt Ion: 43 Resp: 226446
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.279 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY016357.D
 Acq: 15 Nov 2023 10:27

Tgt Ion: 63 Resp: 58873
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 5.0 1.8 5.5

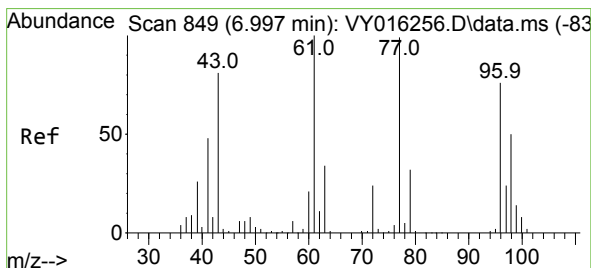
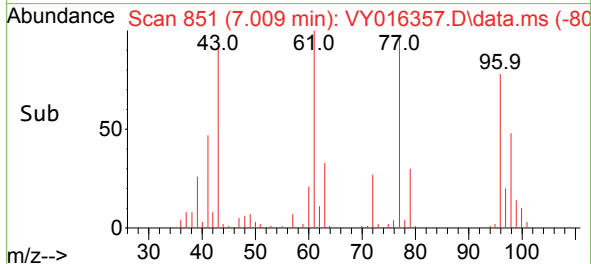
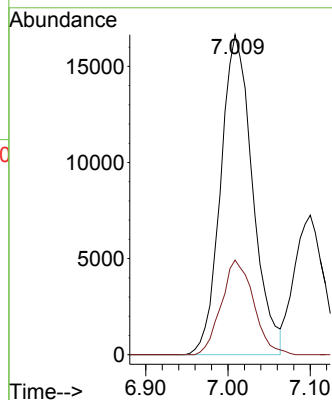
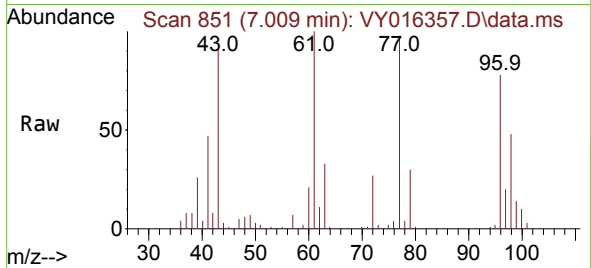




#25
2-Butanone
Concen: 105.901 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

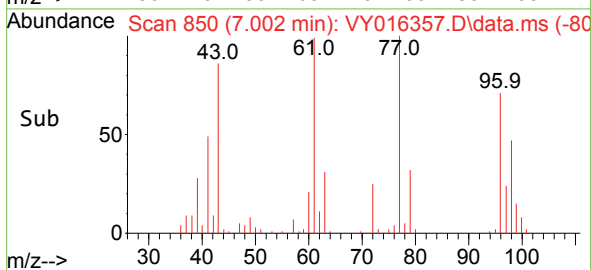
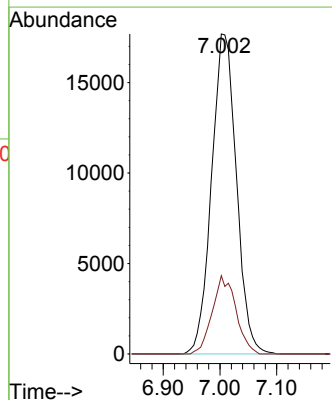
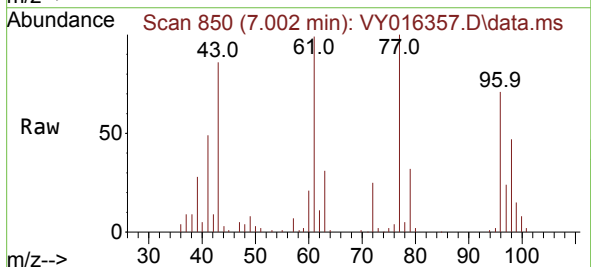
Instrument :
MSVOA_Y
ClientSampleId :

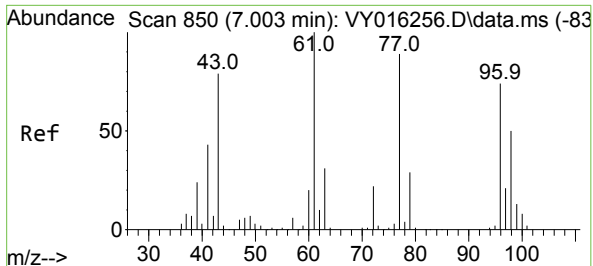
Tgt Ion: 43 Resp: 44916
Ion Ratio Lower Upper
43 100
72 29.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.343 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion: 77 Resp: 53762
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.925 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

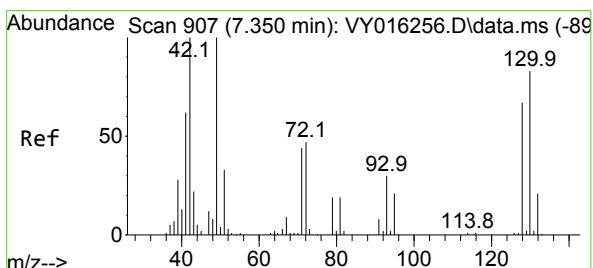
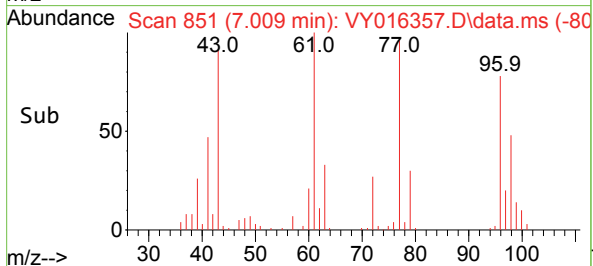
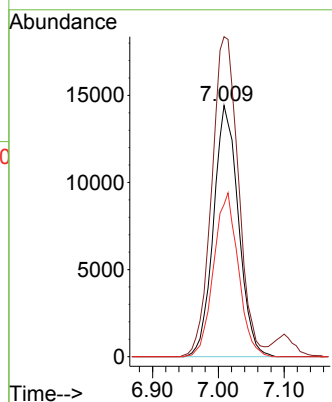
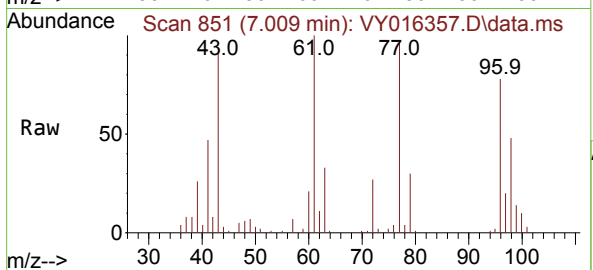
Tgt Ion: 96 Resp: 38009

Ion Ratio Lower Upper

96 100

61 136.1 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 19.696 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

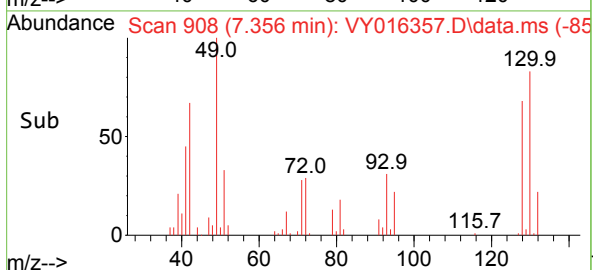
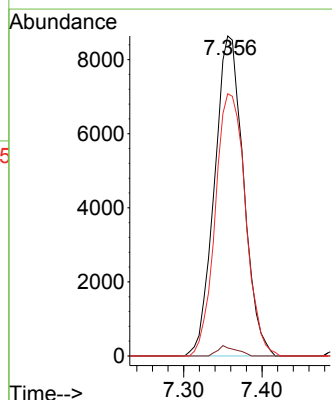
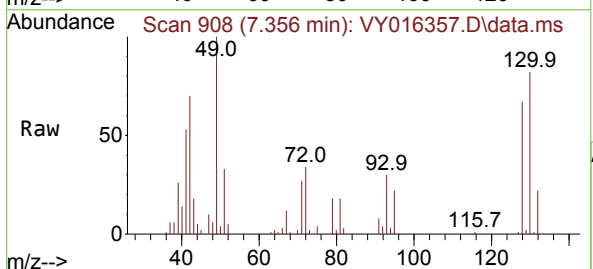
Tgt Ion: 49 Resp: 22261

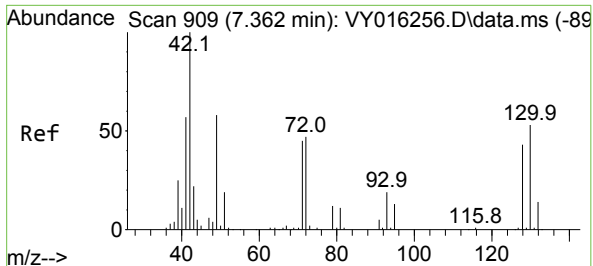
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 85.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 91.180 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

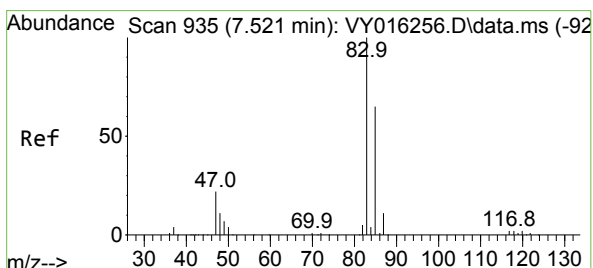
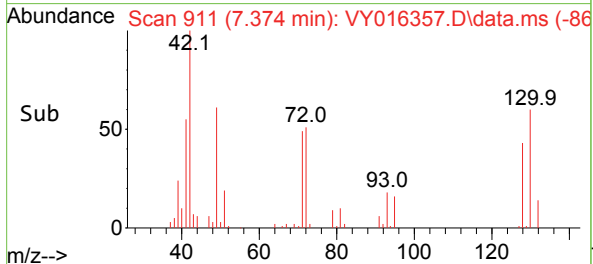
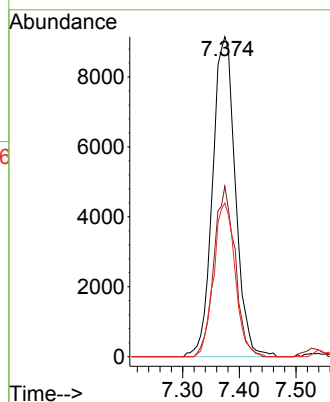
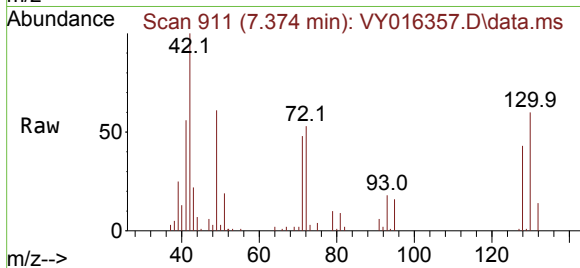
Tgt Ion: 42 Resp: 25561

Ion Ratio Lower Upper

42 100

72 49.3 32.8 49.2#

71 45.4 31.0 46.4



#30

Chloroform

Concen: 19.982 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016357.D

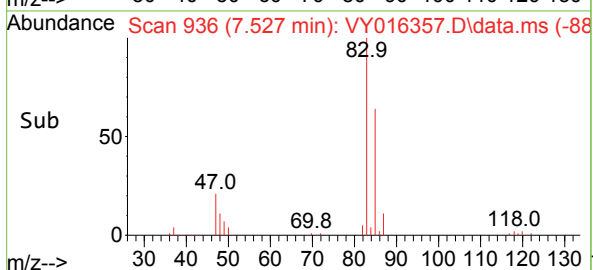
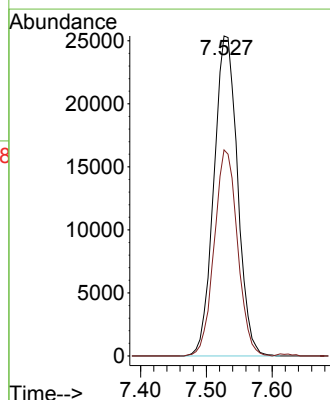
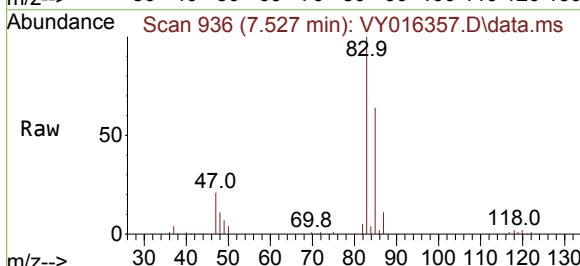
Acq: 15 Nov 2023 10:27

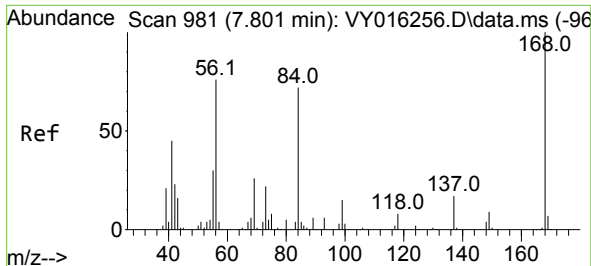
Tgt Ion: 83 Resp: 63515

Ion Ratio Lower Upper

83 100

85 64.4 49.7 74.5

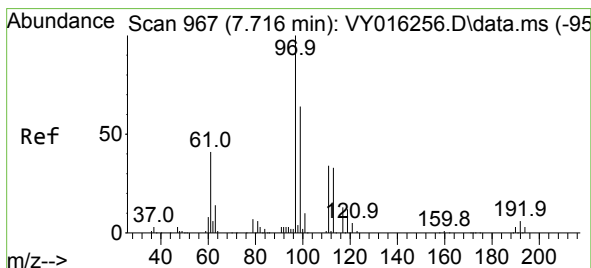
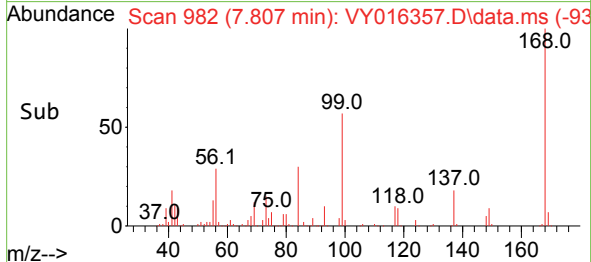
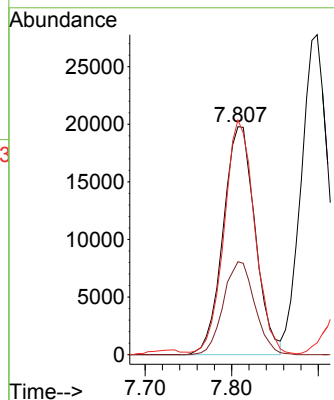
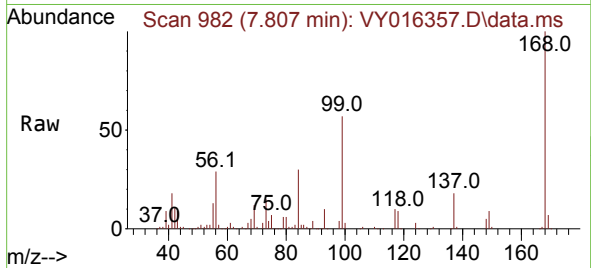




#31
Cyclohexane
Concen: 17.638 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

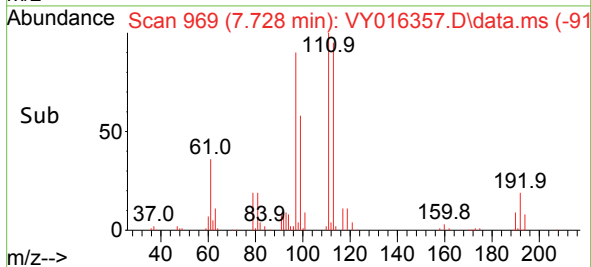
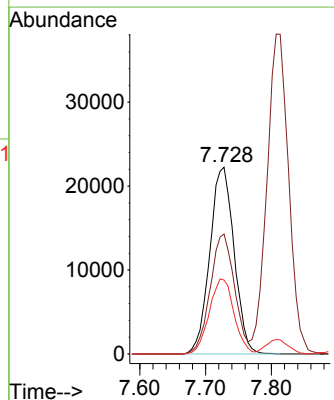
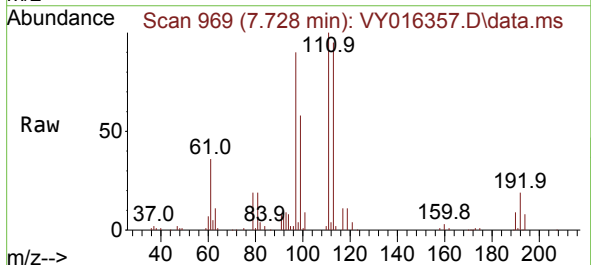
Instrument :
MSVOA_Y
ClientSampleId :

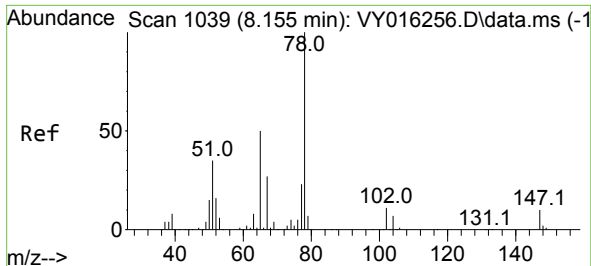
Tgt Ion: 56 Resp: 50836
Ion Ratio Lower Upper
56 100
69 40.8 27.8 41.6
84 101.8 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 19.642 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion: 97 Resp: 57233
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 41.0 35.1 52.7

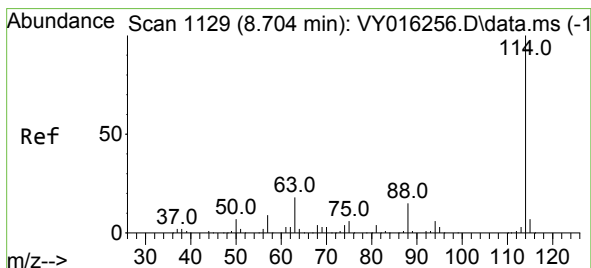
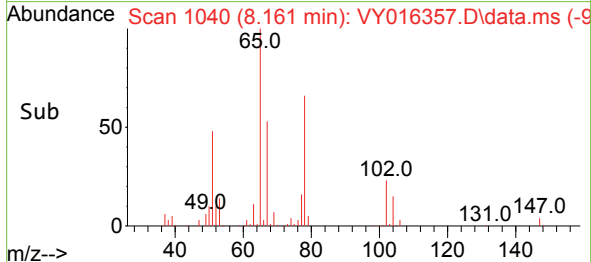
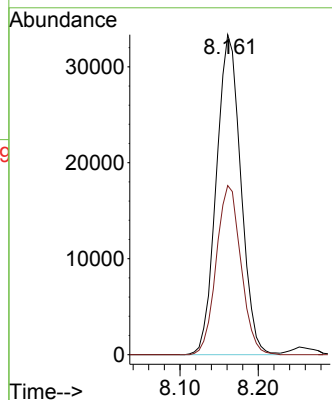
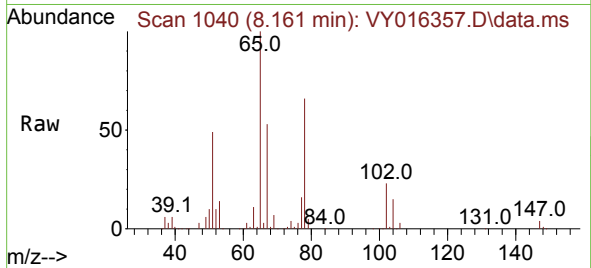




#33
1,2-Dichloroethane-d4
Concen: 49.474 ug/l
RT: 8.161 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

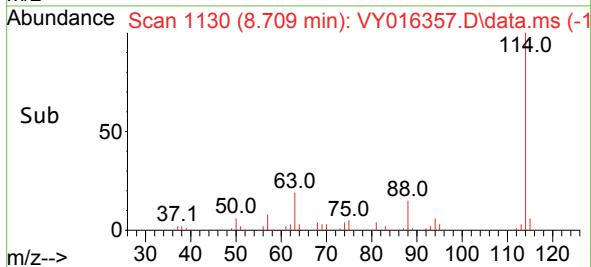
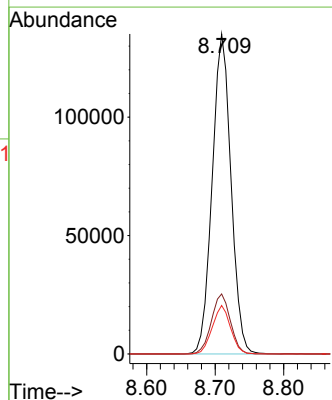
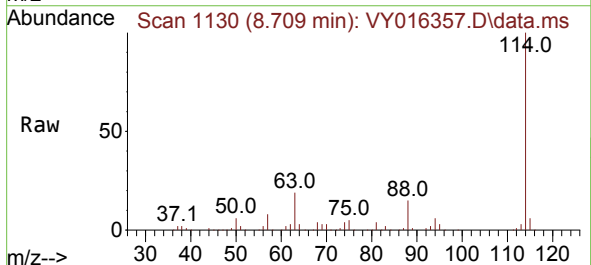
Instrument :
MSVOA_Y
ClientSampleId :

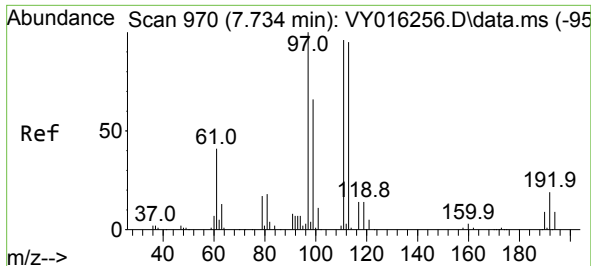
Tgt Ion: 65 Resp: 72424
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

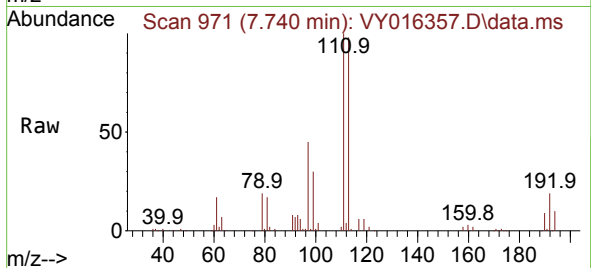
Tgt Ion:114 Resp: 257031
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 15.2 0.0 30.6



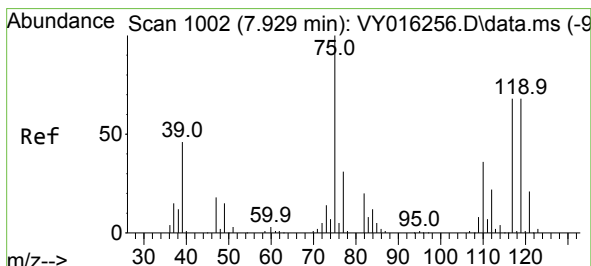
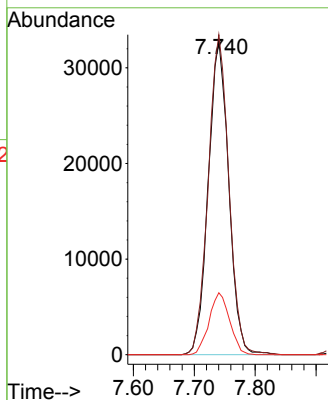
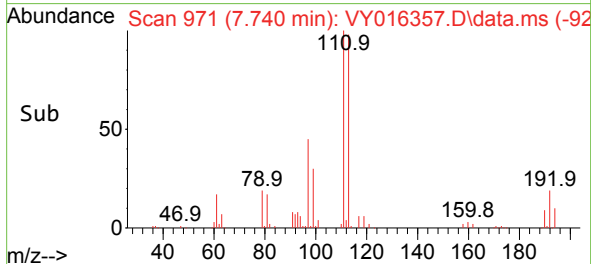


#35
Dibromofluoromethane
Concen: 52.294 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

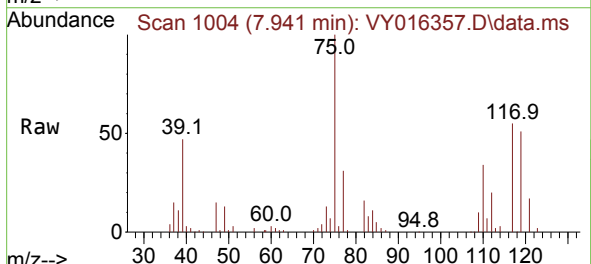
Instrument :
MSVOA_Y
ClientSampleId :



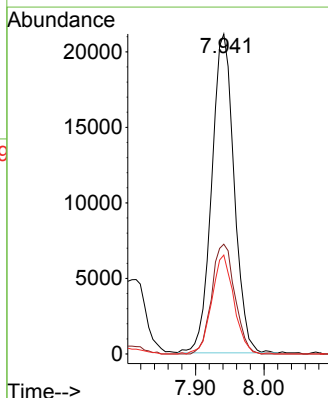
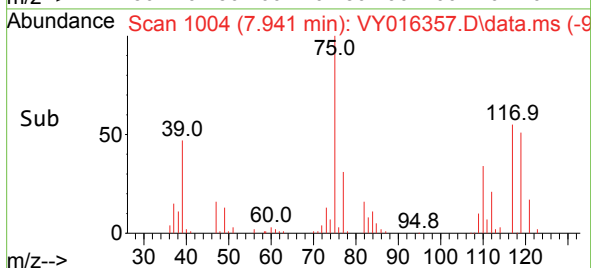
Tgt Ion:113 Resp: 76355
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.9 16.9 25.3

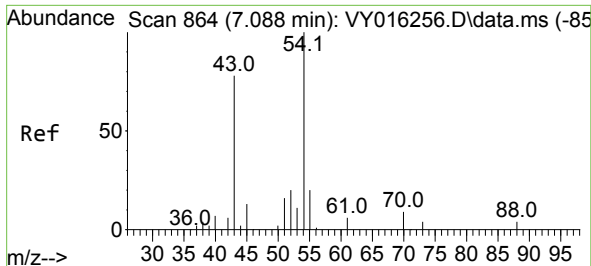


#36
1,1-Dichloropropene
Concen: 18.841 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27



Tgt Ion: 75 Resp: 47767
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 17.949 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

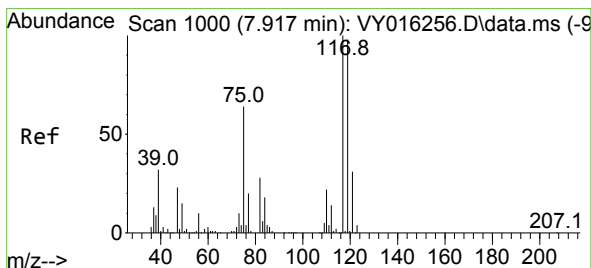
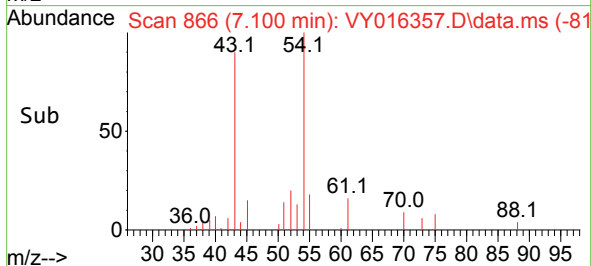
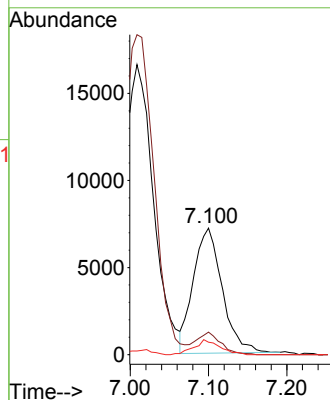
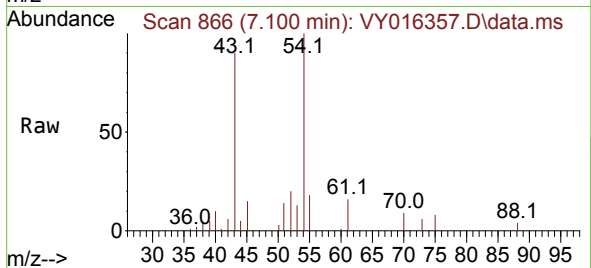
Tgt Ion: 43 Resp: 18387

Ion Ratio Lower Upper

43 100

61 15.9 10.1 15.1#

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.526 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

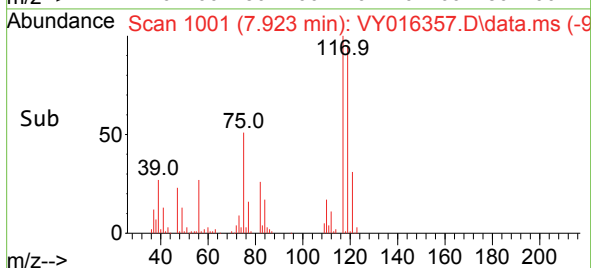
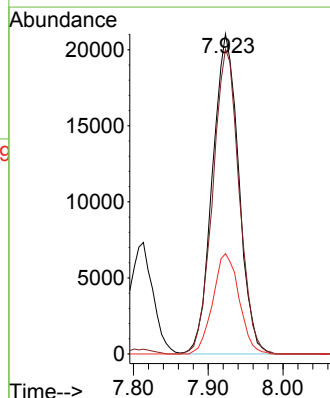
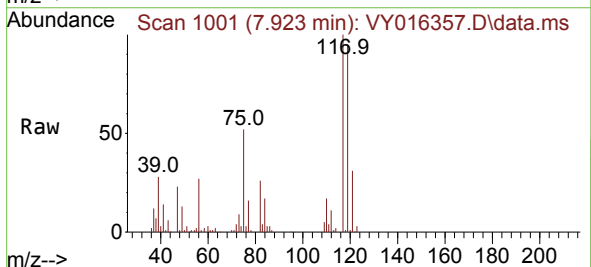
Tgt Ion: 117 Resp: 51378

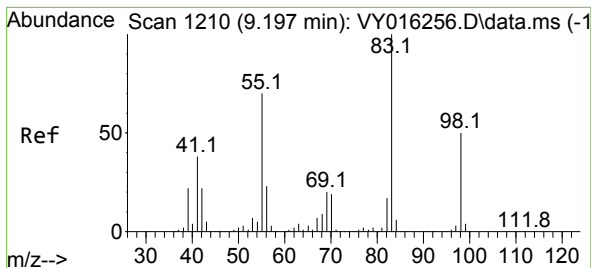
Ion Ratio Lower Upper

117 100

119 95.3 76.4 114.6

121 31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 17.801 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

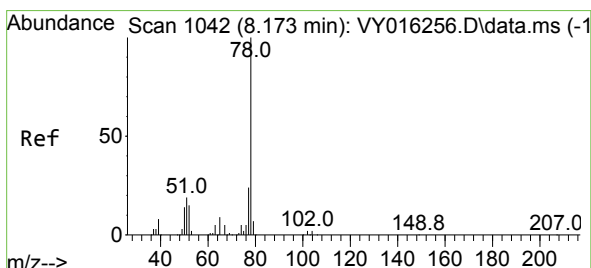
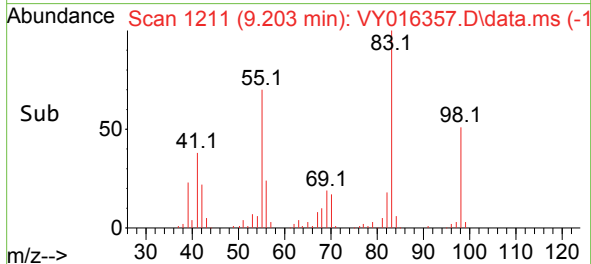
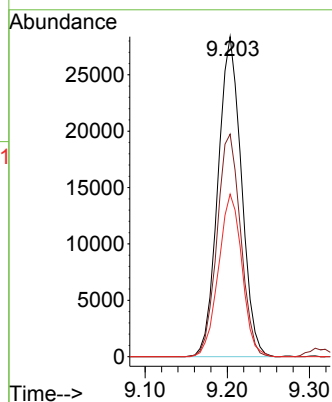
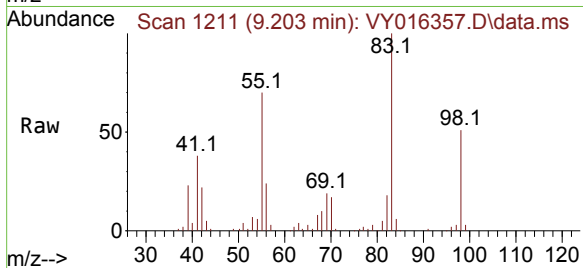
Tgt Ion: 83 Resp: 56235

Ion Ratio Lower Upper

83 100

55 69.6 63.0 94.4

98 50.8 37.4 56.2



#40

Benzene

Concen: 19.272 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016357.D

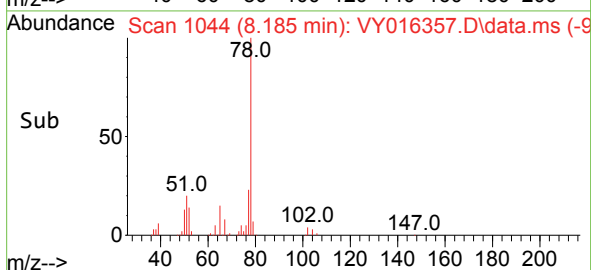
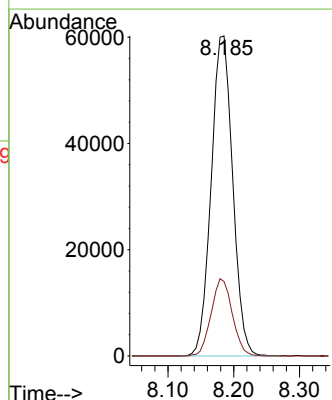
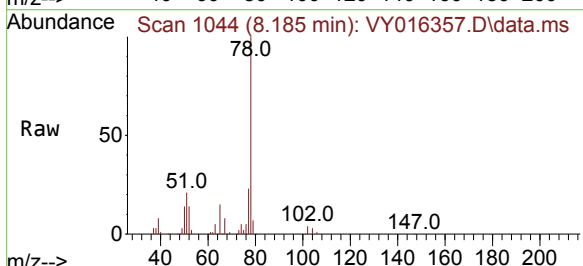
Acq: 15 Nov 2023 10:27

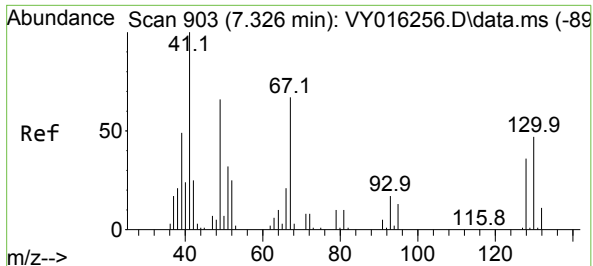
Tgt Ion: 78 Resp: 137280

Ion Ratio Lower Upper

78 100

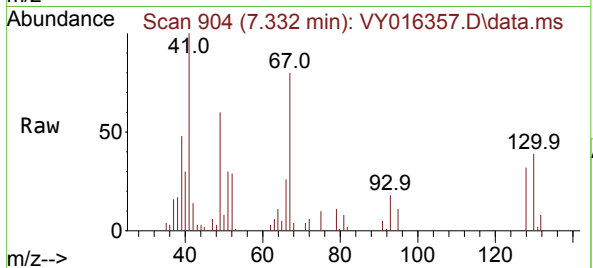
77 23.3 19.0 28.6



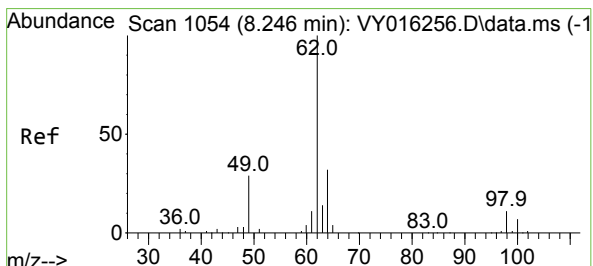
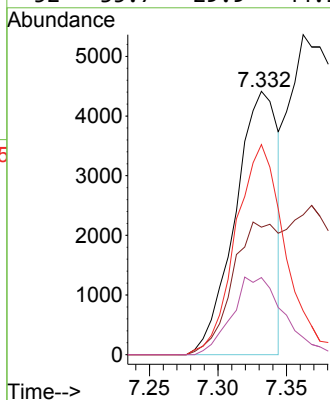
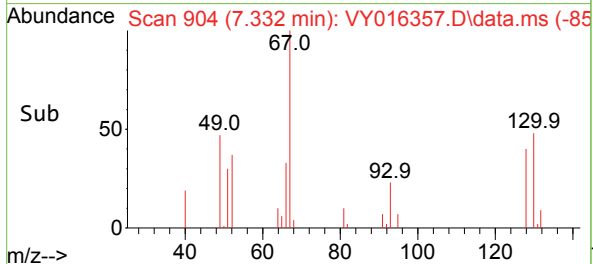


#41
Methacrylonitrile
Concen: 18.532 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Instrument :
MSVOA_Y
ClientSampleId :

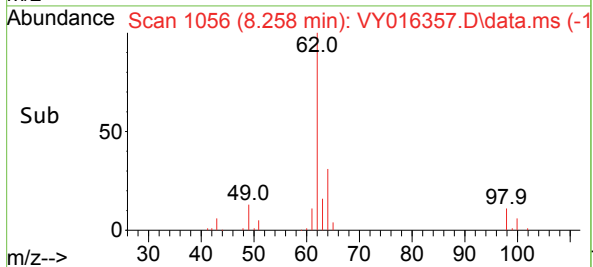
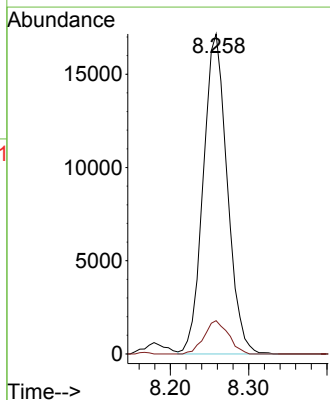
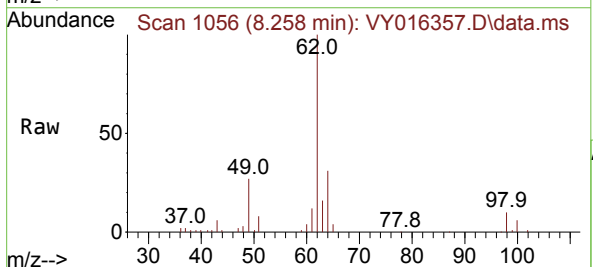


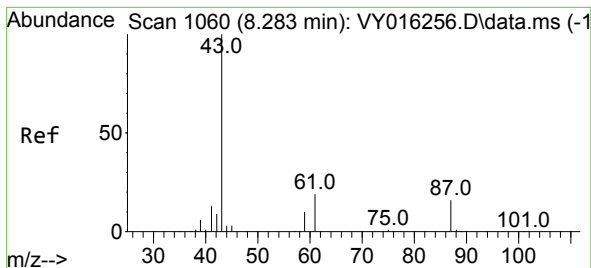
Tgt Ion:	41	Resp:	9572
Ion	Ratio	Lower	Upper
41	100		
39	53.6	52.1	78.1
67	92.4	66.2	99.2
52	35.7	29.9	44.9



#42
1,2-Dichloroethane
Concen: 19.769 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion:	62	Resp:	36486
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.990 ug/l

RT: 8.289 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY016357.D

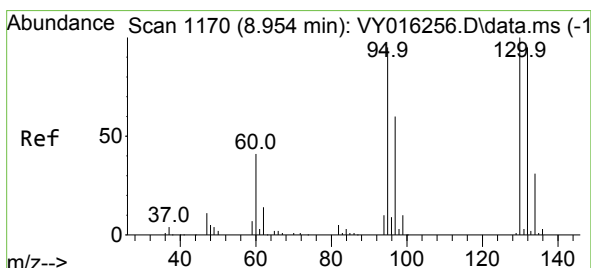
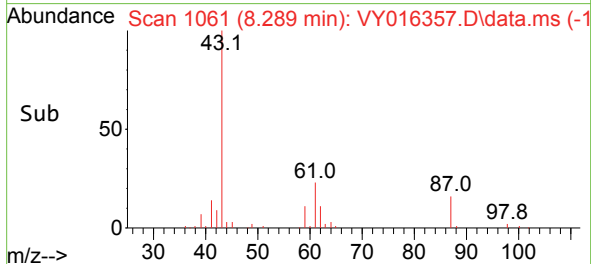
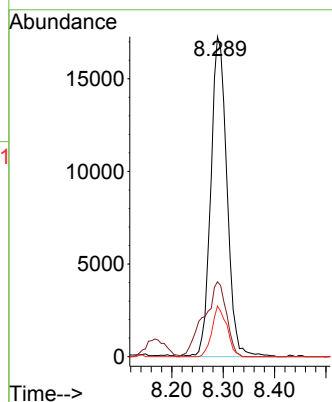
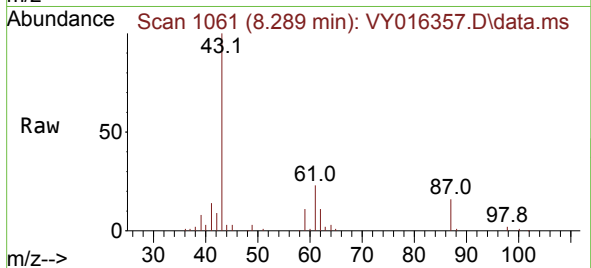
Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 37602
Ion Ratio	Lower Upper
43	100
61	32.6 21.1 31.7#
87	14.6 9.8 14.8



#44

Trichloroethene

Concen: 18.842 ug/l

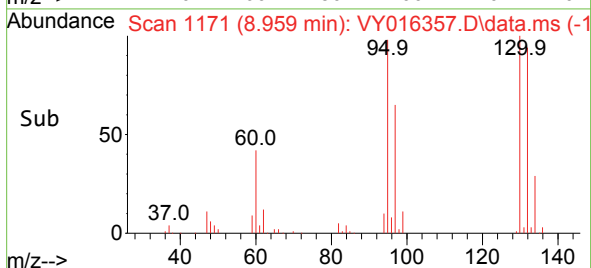
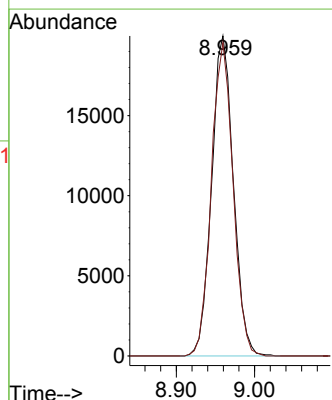
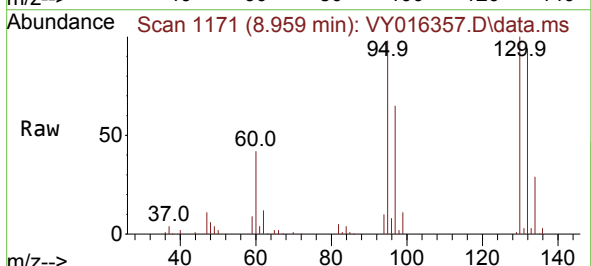
RT: 8.959 min Scan# 1171

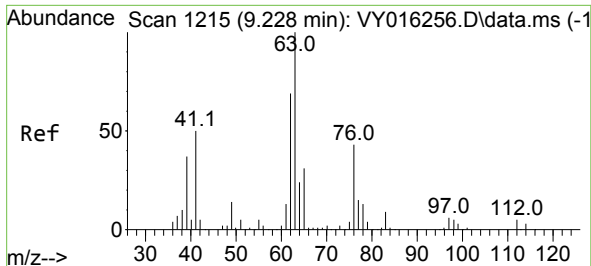
Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Tgt Ion: 130	Resp: 38573
Ion Ratio	Lower Upper
130	100
95	97.9 0.0 196.0

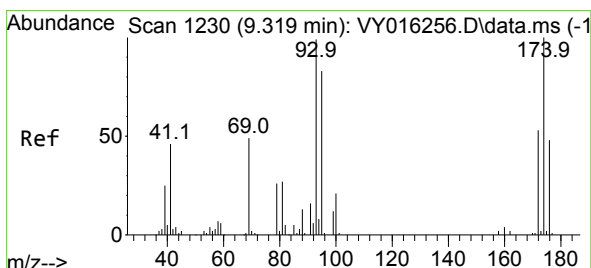
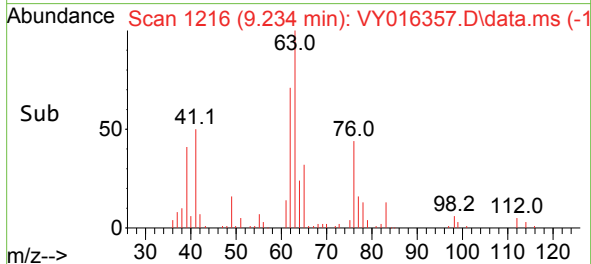
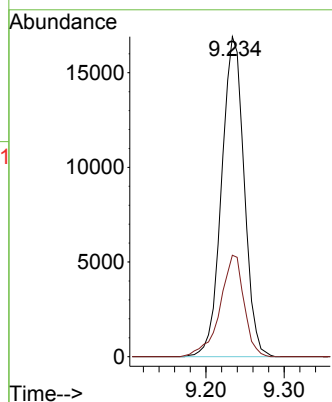
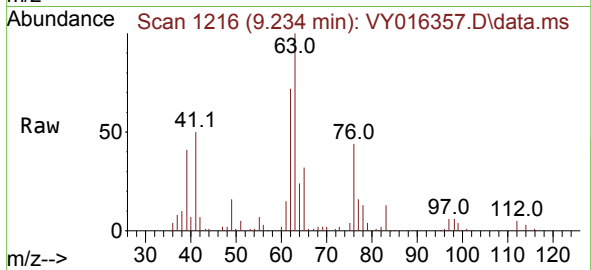




#45
1,2-Dichloropropane
Concen: 19.741 ug/l
RT: 9.234 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

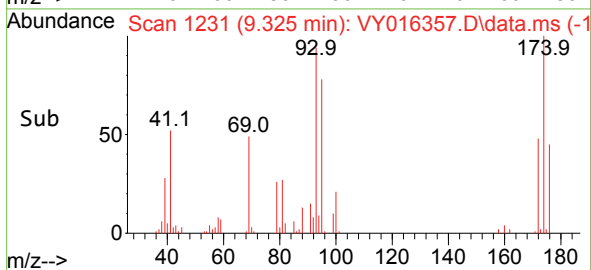
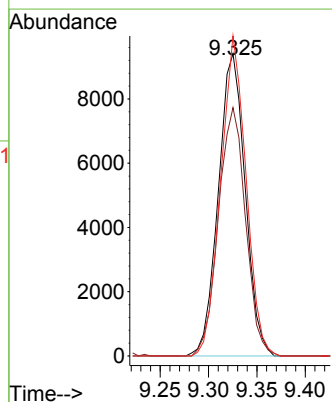
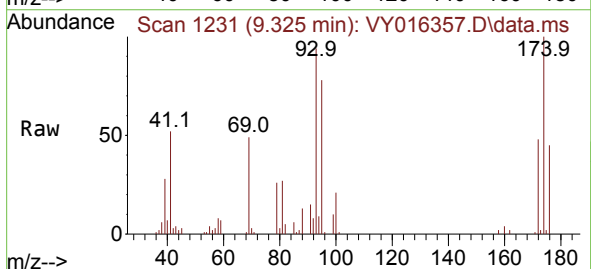
Instrument :
MSVOA_Y
ClientSampleId :

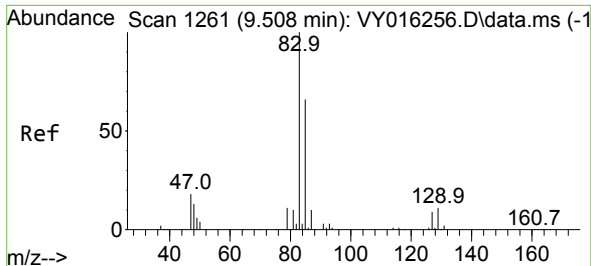
Tgt Ion: 63 Resp: 33770
Ion Ratio Lower Upper
63 100
65 31.7 23.8 35.6



#46
Dibromomethane
Concen: 19.539 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion: 93 Resp: 18113
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 100.2 84.8 127.2

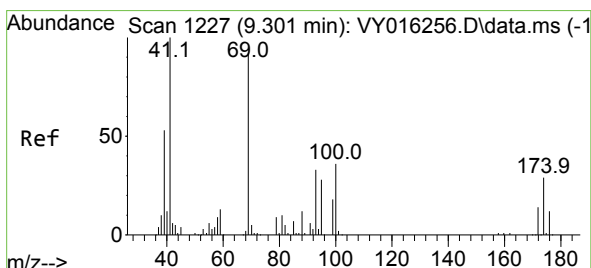
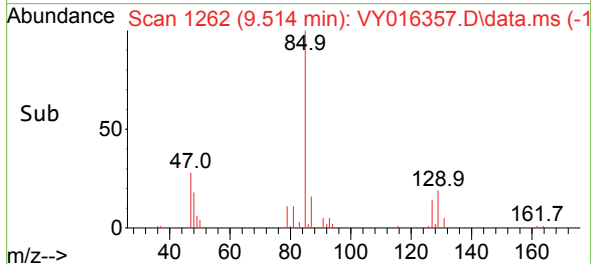
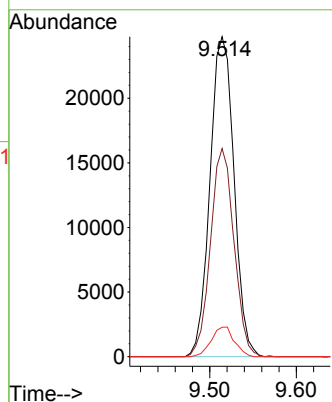
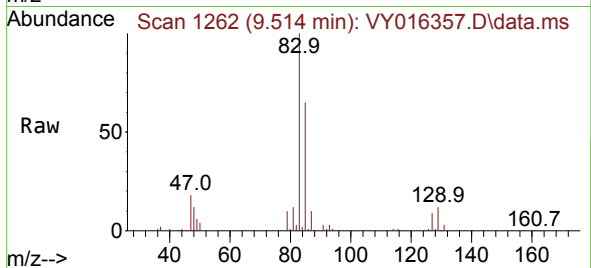




#47
Bromodichloromethane
Concen: 19.986 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

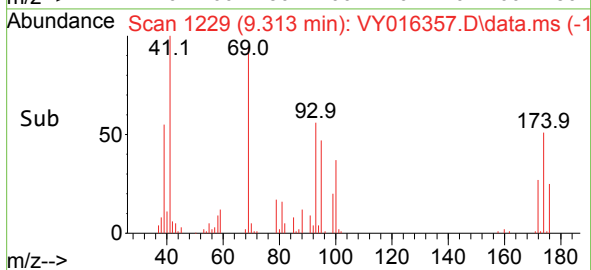
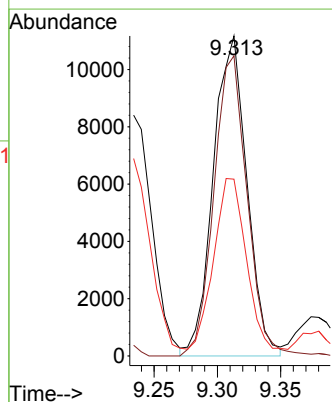
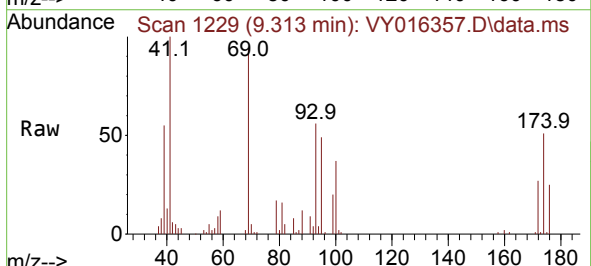
Instrument :
MSVOA_Y
ClientSampleId :

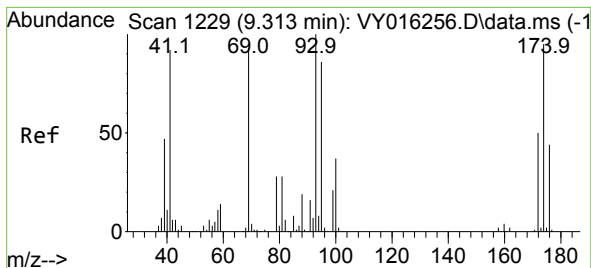
Tgt Ion: 83 Resp: 47633
Ion Ratio Lower Upper
83 100
85 65.1 50.1 75.1
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 18.878 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion: 41 Resp: 20659
Ion Ratio Lower Upper
41 100
69 92.8 64.5 96.7
39 52.0 50.8 76.2





#49

1,4-Dioxane

Concen: 381.846 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

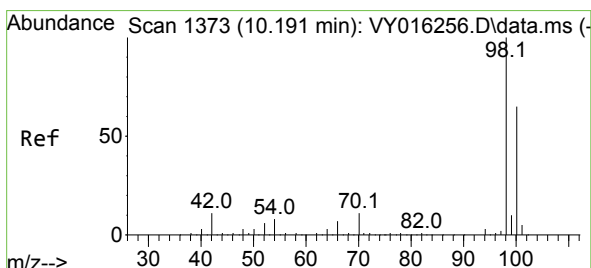
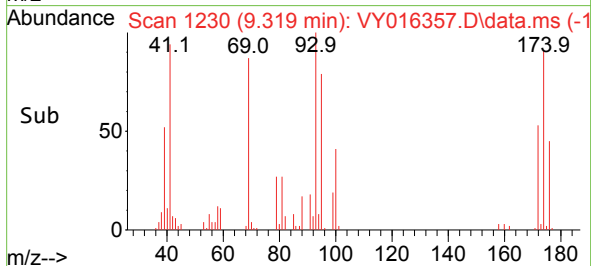
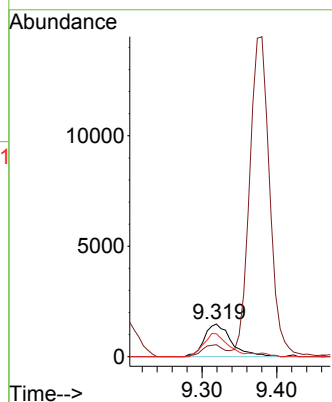
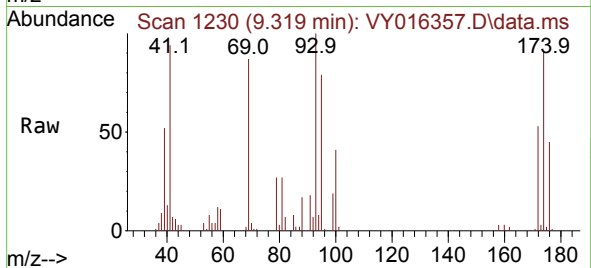
Tgt Ion: 88 Resp: 3758

Ion Ratio Lower Upper

88 100

43 30.4 0.0 0.0#

58 70.8 30.9 46.3#



#50

Toluene-d8

Concen: 50.364 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016357.D

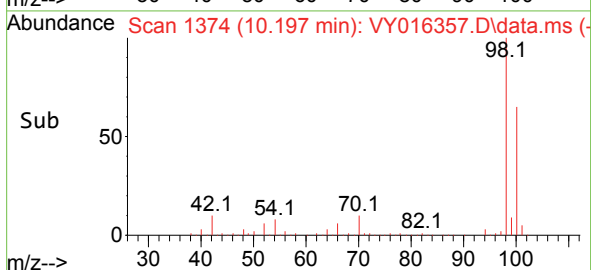
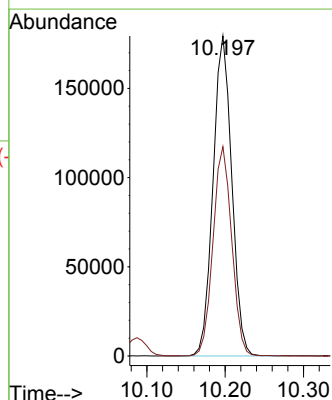
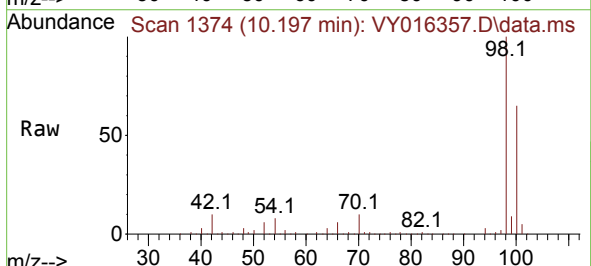
Acq: 15 Nov 2023 10:27

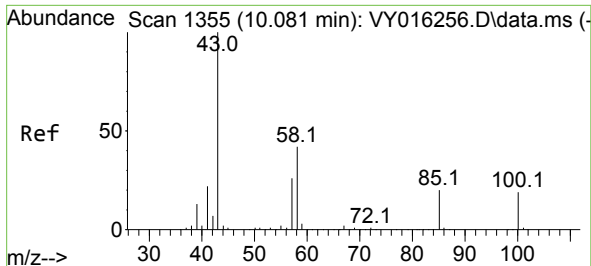
Tgt Ion: 98 Resp: 298204

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 97.075 ug/l

RT: 10.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

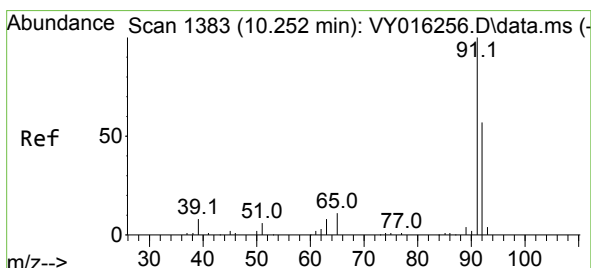
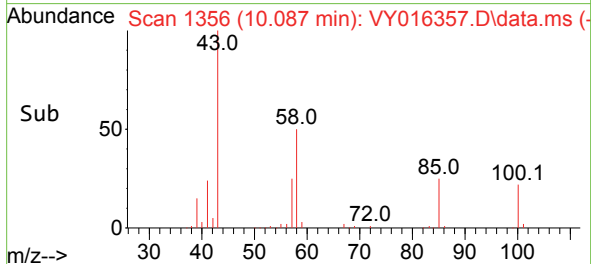
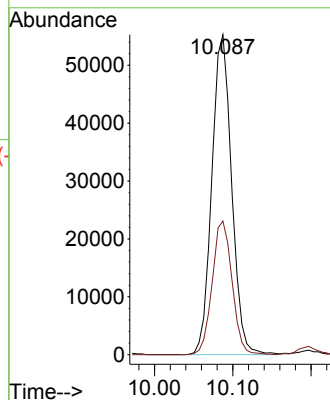
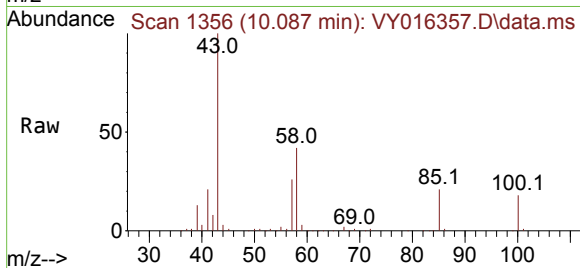
ClientSampleId :

Tgt Ion: 43 Resp: 97202

Ion Ratio Lower Upper

43 100

58 41.9 29.0 43.6



#52

Toluene

Concen: 19.253 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016357.D

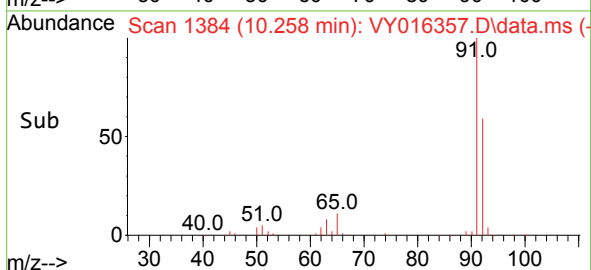
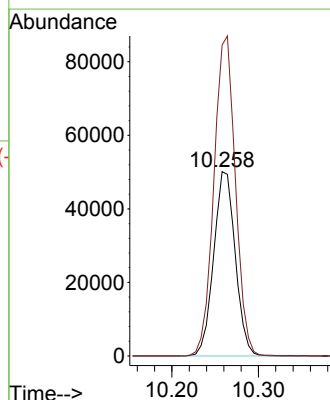
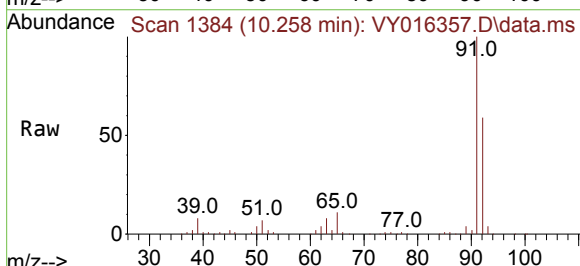
Acq: 15 Nov 2023 10:27

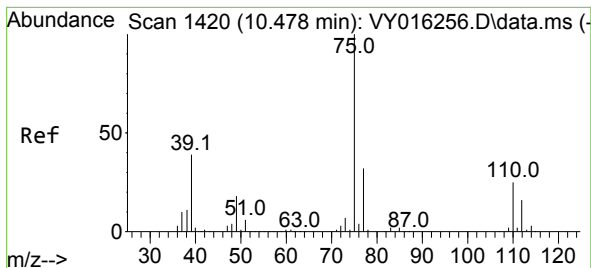
Tgt Ion: 92 Resp: 86691

Ion Ratio Lower Upper

92 100

91 173.2 143.8 215.6

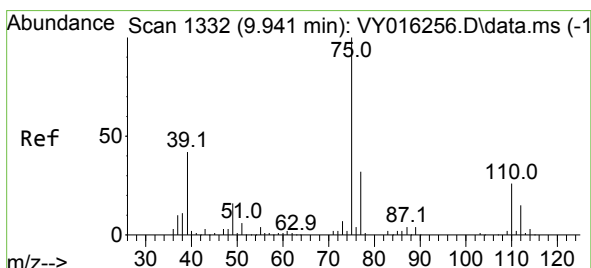
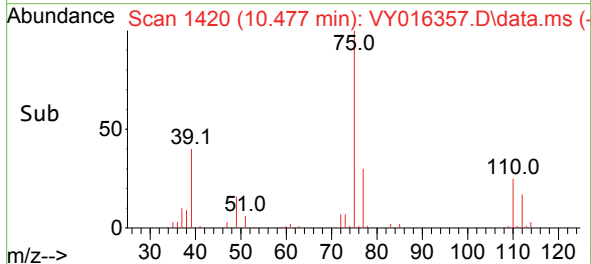
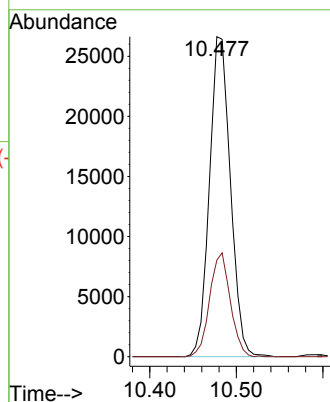
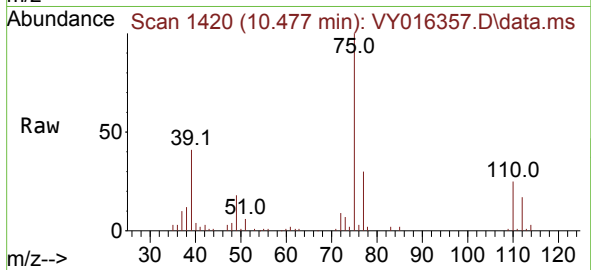




#53
t-1,3-Dichloropropene
Concen: 19.394 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

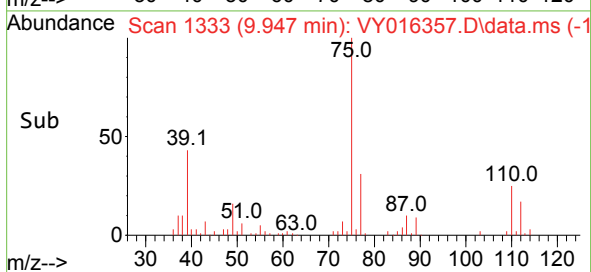
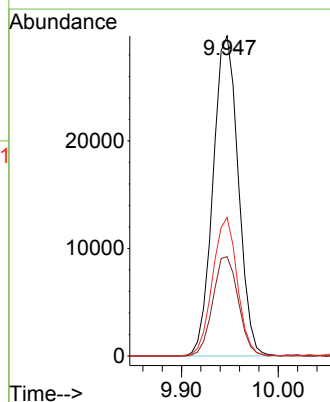
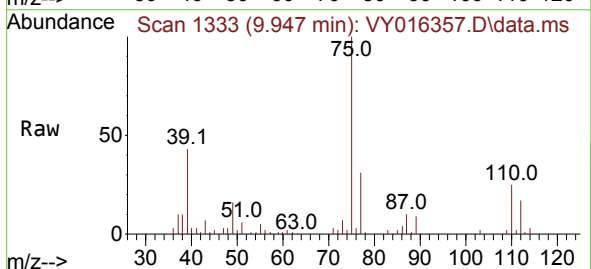
Instrument :
MSVOA_Y
ClientSampleId :

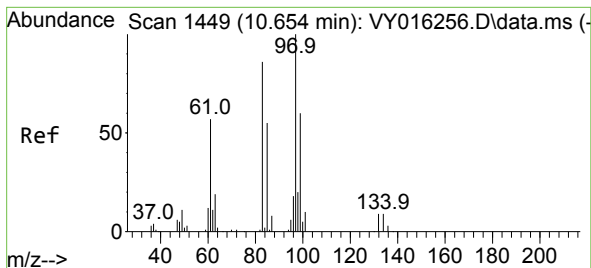
Tgt Ion: 75 Resp: 44808
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.559 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion: 75 Resp: 53972
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 43.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.180 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 25784

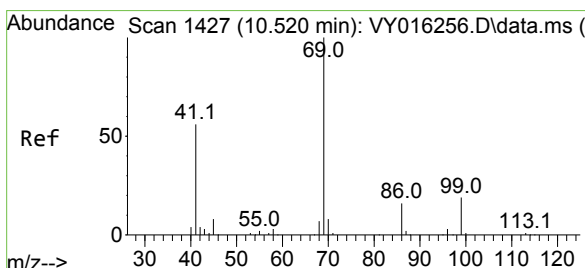
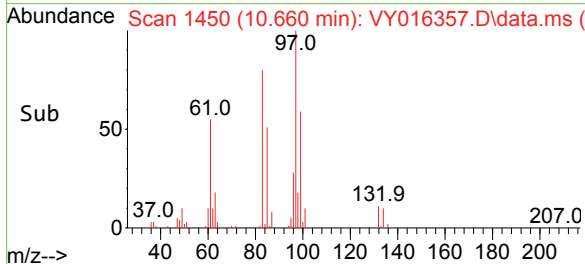
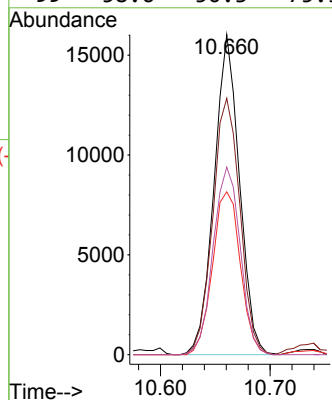
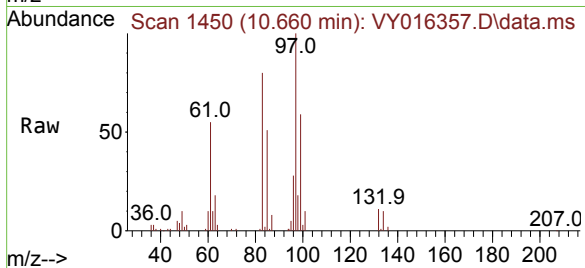
Ion Ratio Lower Upper

97 100

83 80.1 72.0 108.0

85 50.9 45.4 68.0

99 58.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.228 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

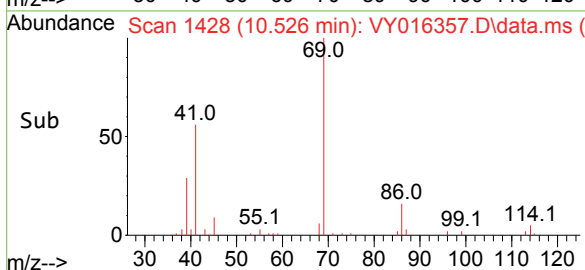
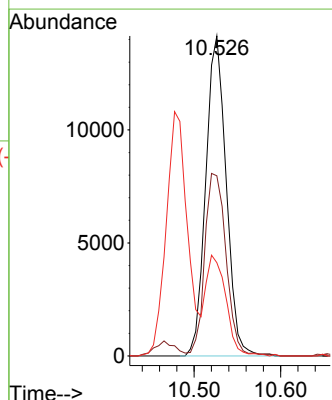
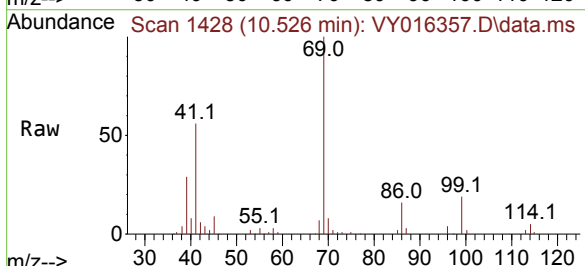
Tgt Ion: 69 Resp: 23191

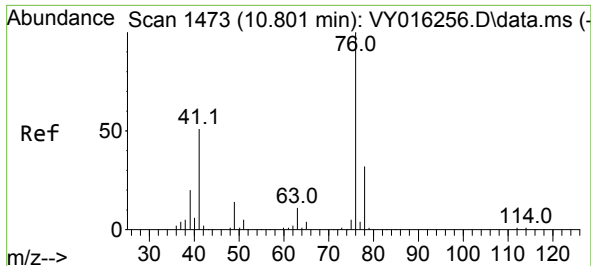
Ion Ratio Lower Upper

69 100

41 60.1 57.6 86.4

39 30.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.066 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

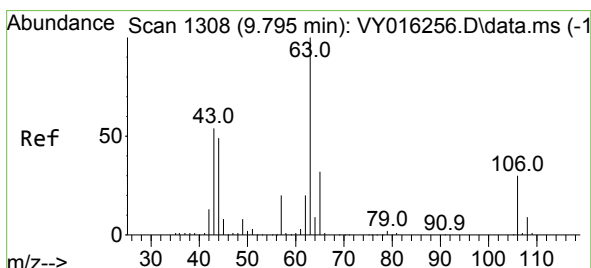
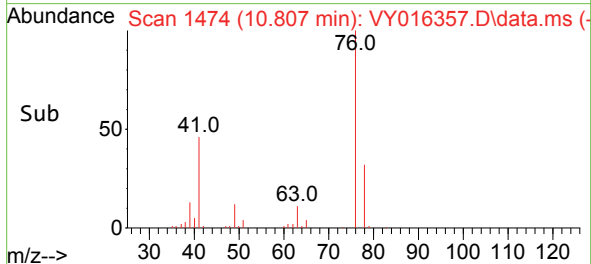
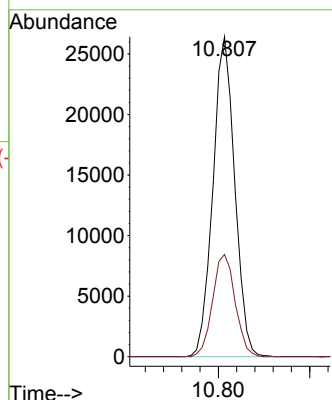
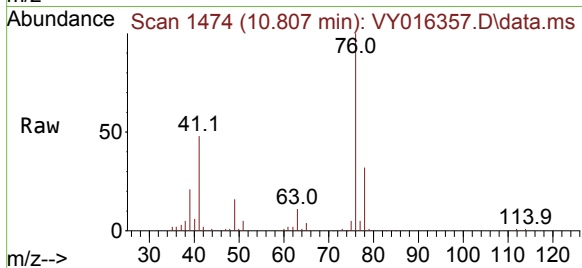
ClientSampleId :

Tgt Ion: 76 Resp: 43703

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 94.868 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.006 min

Lab File: VY016357.D

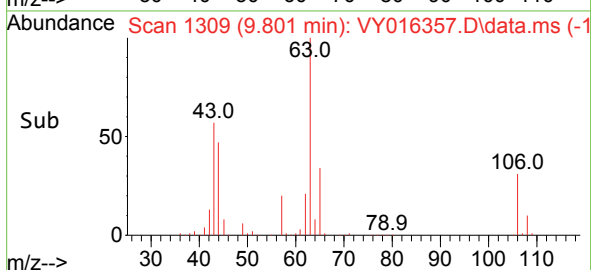
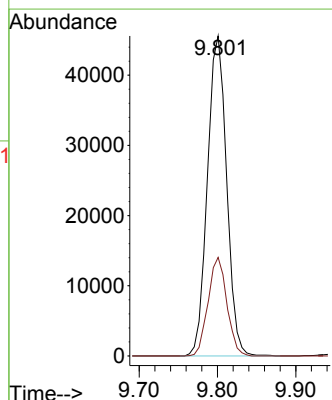
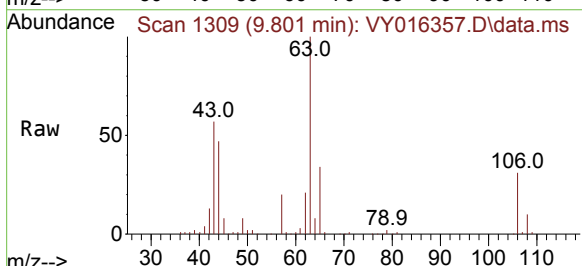
Acq: 15 Nov 2023 10:27

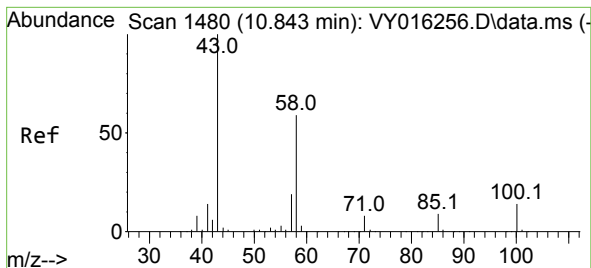
Tgt Ion: 63 Resp: 77586

Ion Ratio Lower Upper

63 100

106 30.1 21.2 31.8





#59

2-Hexanone

Concen: 105.282 ug/l

RT: 10.849 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

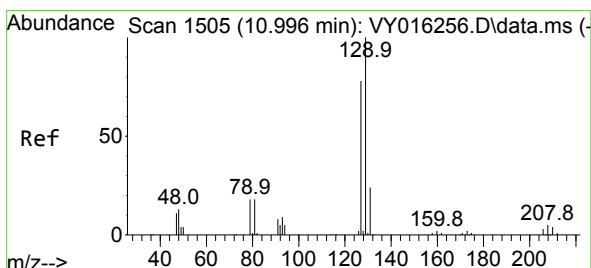
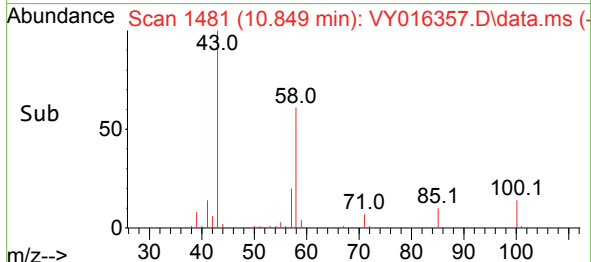
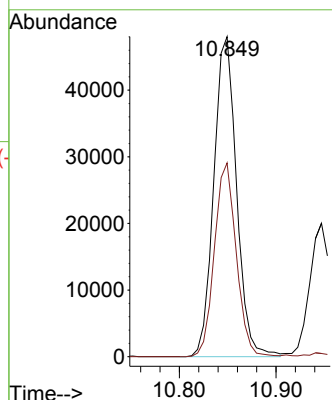
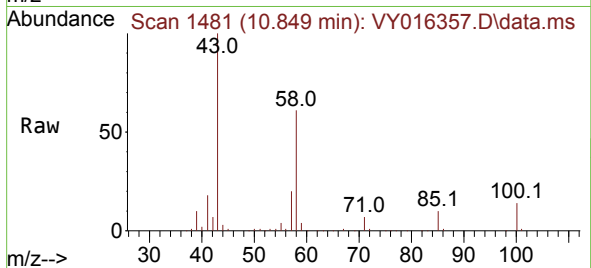
ClientSampleId :

Tgt Ion: 43 Resp: 78414

Ion Ratio Lower Upper

43 100

58 58.1 25.1 75.3



#60

Dibromochloromethane

Concen: 20.544 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY016357.D

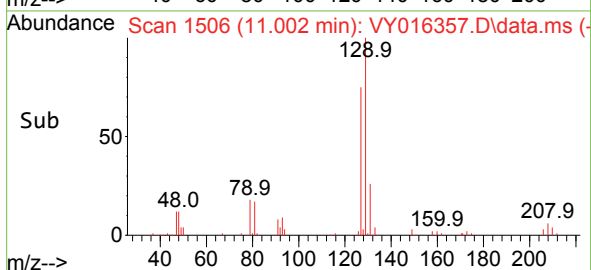
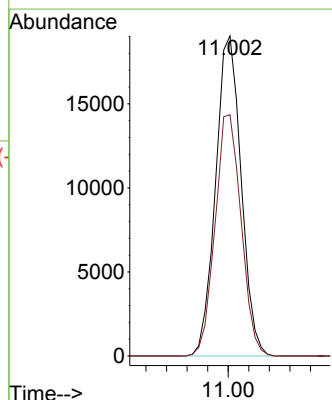
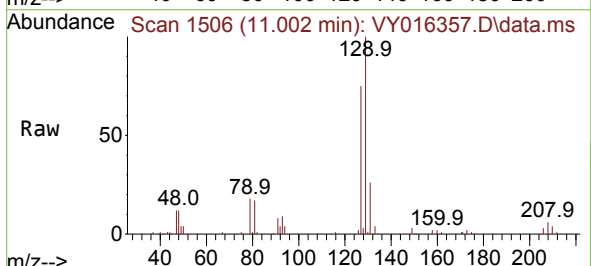
Acq: 15 Nov 2023 10:27

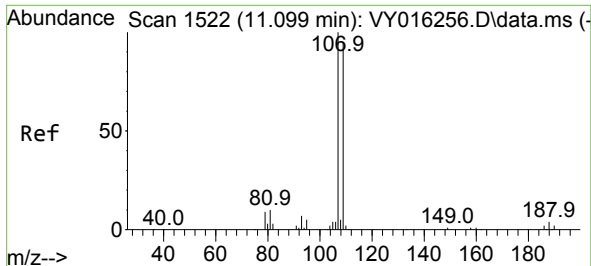
Tgt Ion: 129 Resp: 32829

Ion Ratio Lower Upper

129 100

127 76.8 38.5 115.5

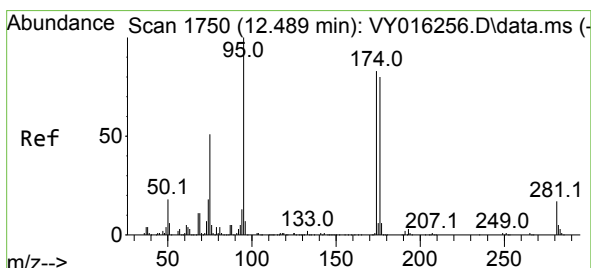
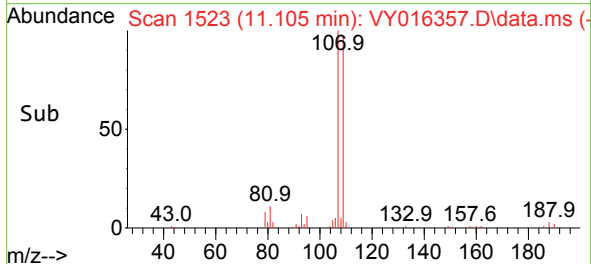
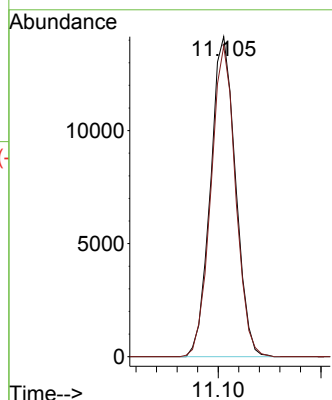
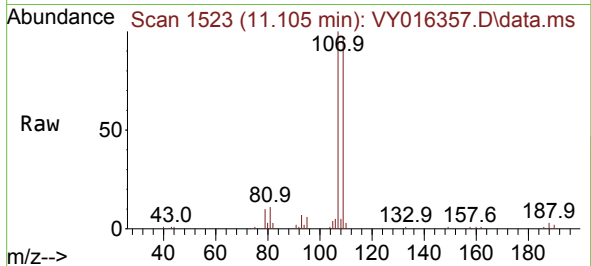




#61
1,2-Dibromoethane
Concen: 19.677 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

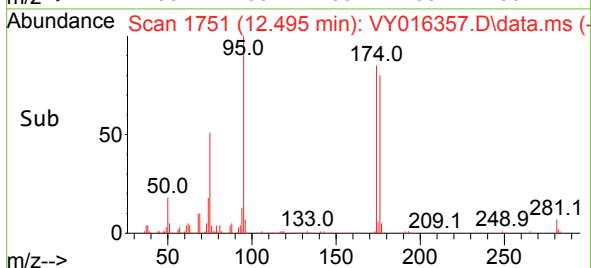
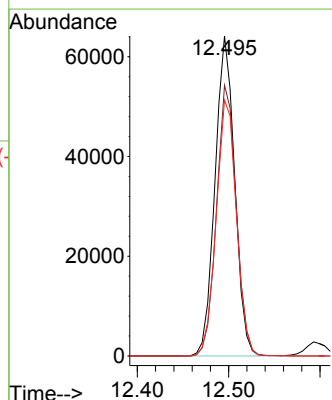
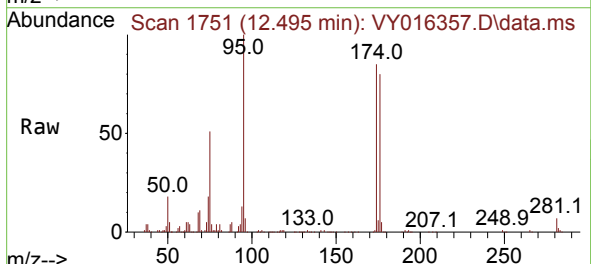
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 23952
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.854 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion: 95 Resp: 95872
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 82.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

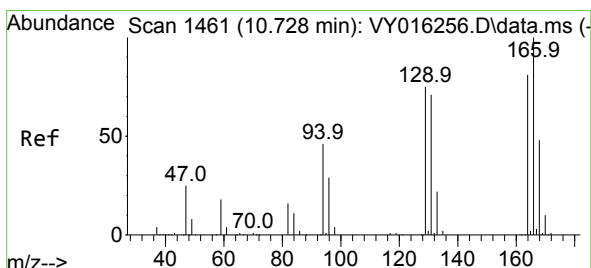
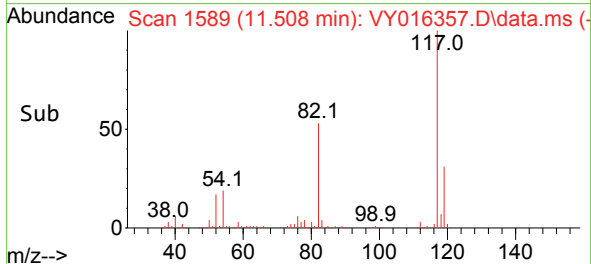
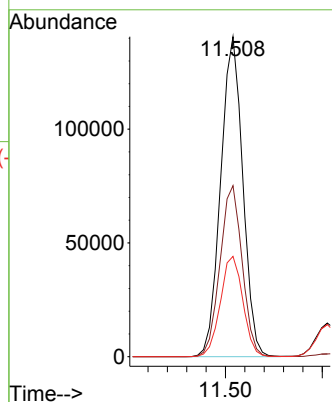
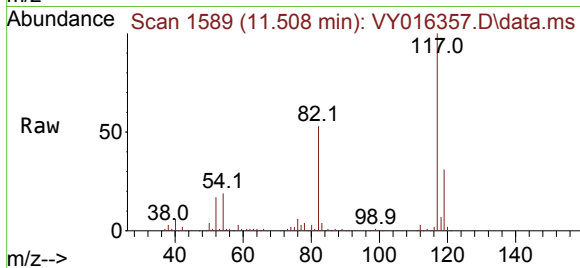
Tgt Ion:117 Resp: 223045

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 19.448 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Tgt Ion:164 Resp: 38949

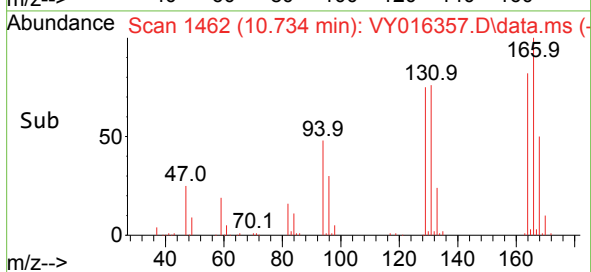
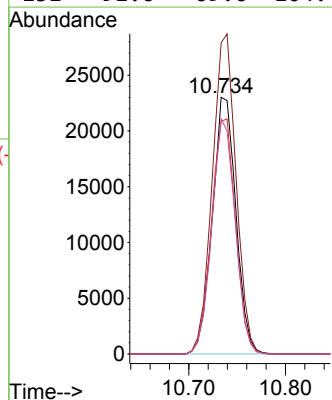
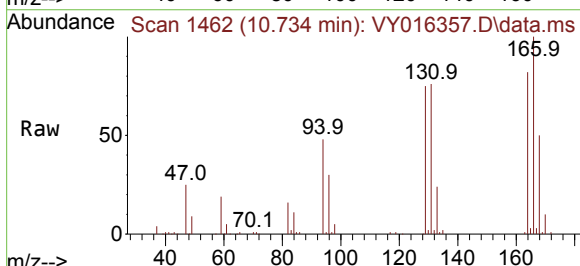
Ion Ratio Lower Upper

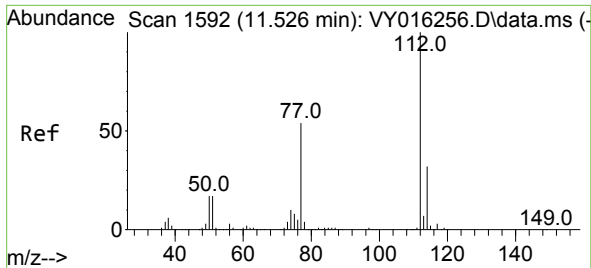
164 100

166 121.3 103.0 154.6

129 90.6 77.2 115.8

131 91.6 69.6 104.4

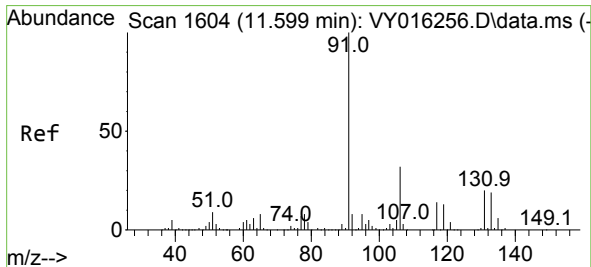
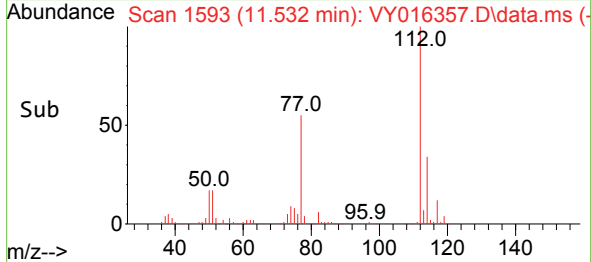
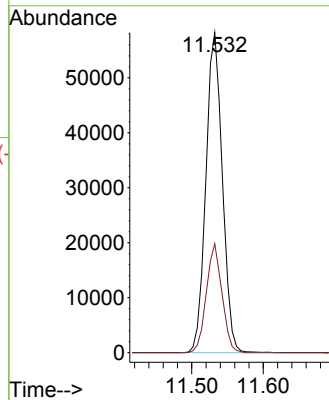
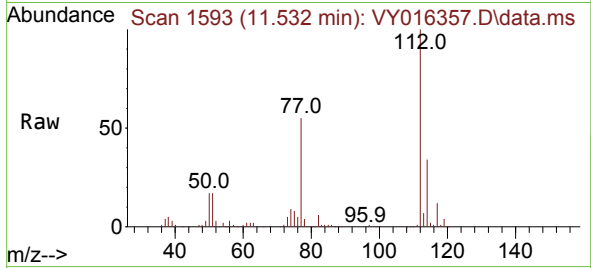




#65
Chlorobenzene
Concen: 19.561 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

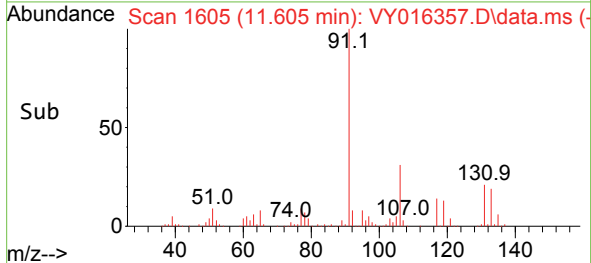
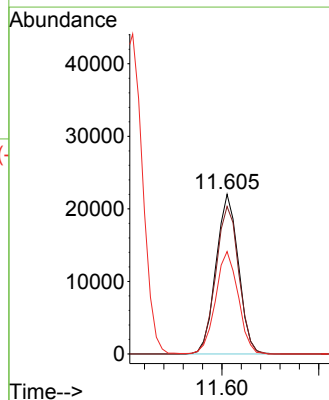
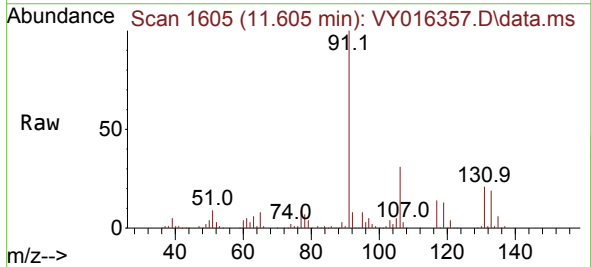
Instrument :
MSVOA_Y
ClientSampleId :

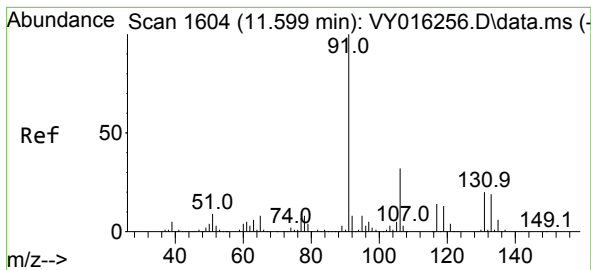
Tgt Ion:112 Resp: 93216
Ion Ratio Lower Upper
112 100
114 34.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.163 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion:131 Resp: 35440
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 64.8 31.6 94.7





#67

Ethyl Benzene

Concen: 19.369 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

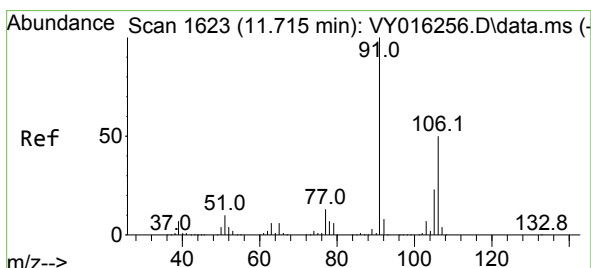
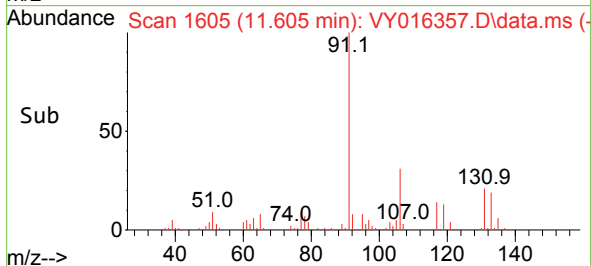
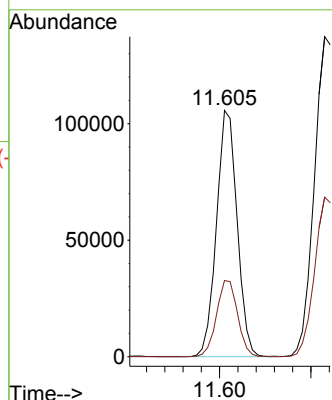
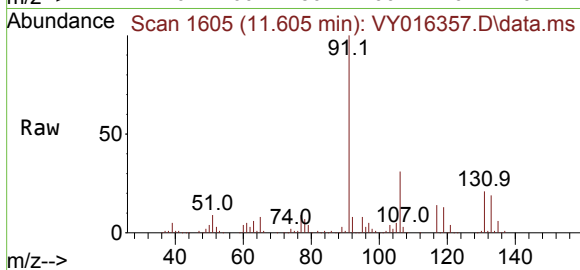
ClientSampleId :

Tgt Ion: 91 Resp: 165883

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 38.928 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016357.D

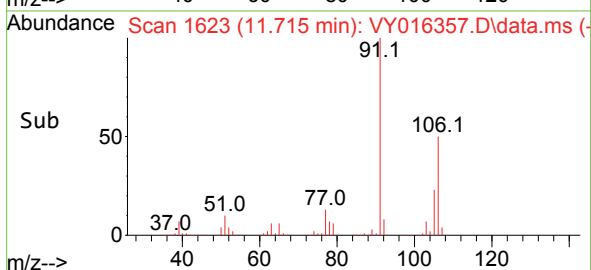
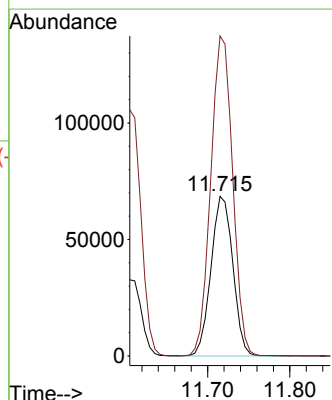
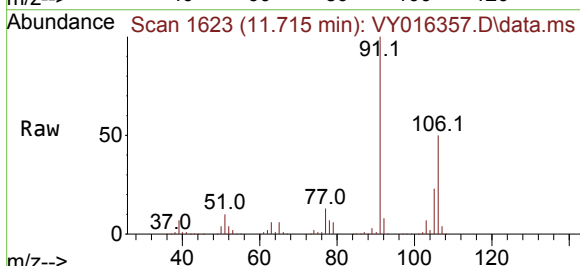
Acq: 15 Nov 2023 10:27

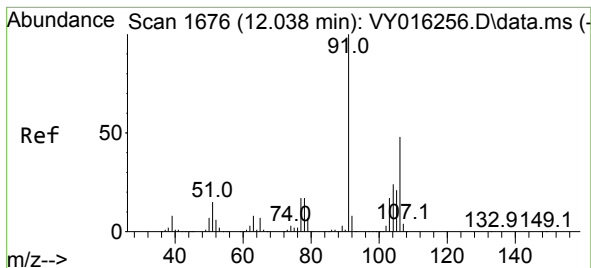
Tgt Ion:106 Resp: 126451

Ion Ratio Lower Upper

106 100

91 200.7 166.1 249.1





#69

o-Xylene

Concen: 19.558 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

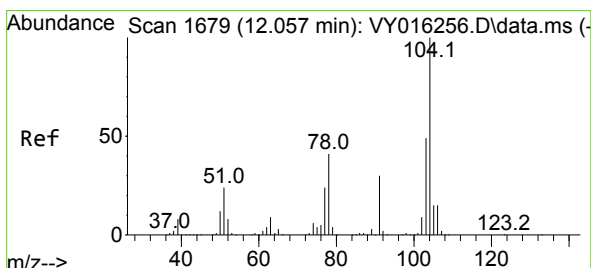
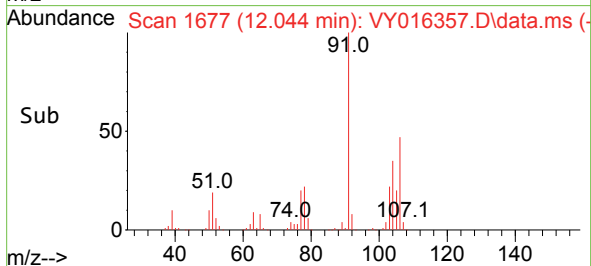
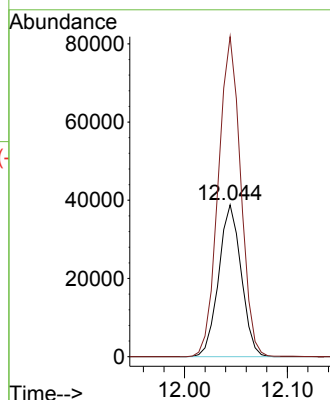
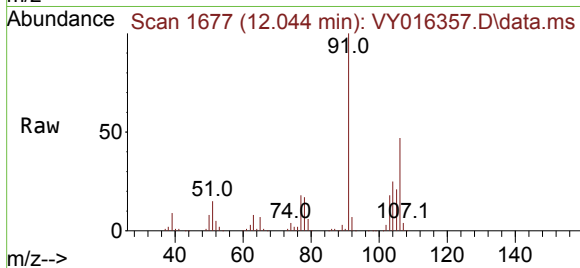
ClientSampleId :

Tgt Ion:106 Resp: 58987

Ion Ratio Lower Upper

106 100

91 210.1 108.1 324.3



#70

Styrene

Concen: 19.667 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

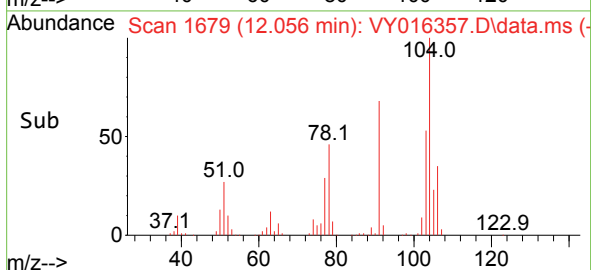
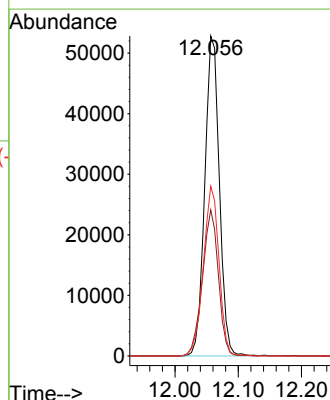
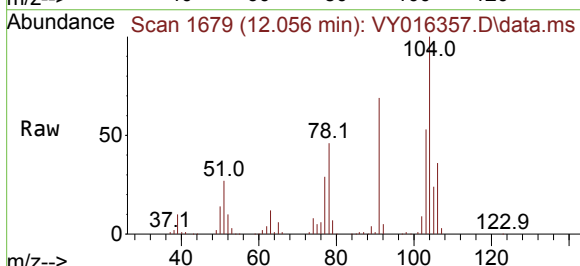
Tgt Ion:104 Resp: 84932

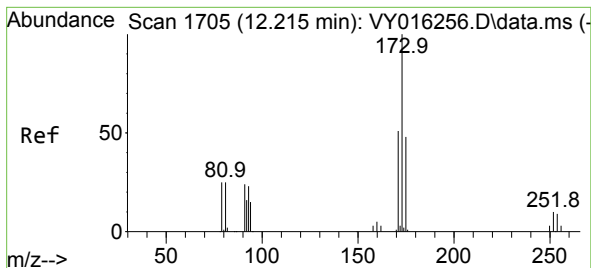
Ion Ratio Lower Upper

104 100

78 49.7 41.5 62.3

103 56.8 44.6 67.0





#71

Bromoform

Concen: 20.462 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

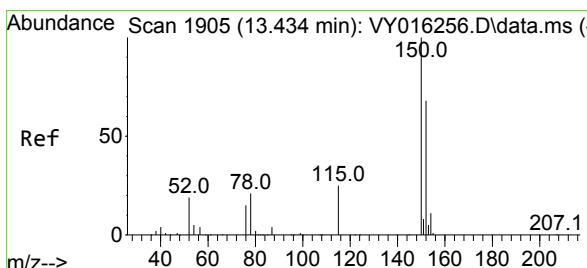
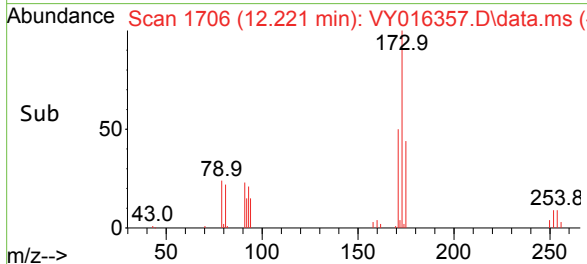
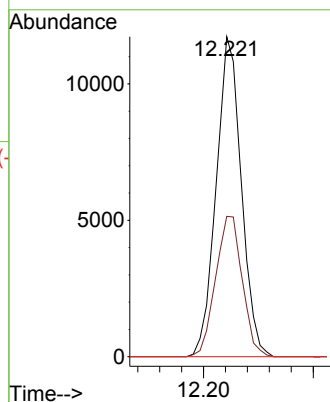
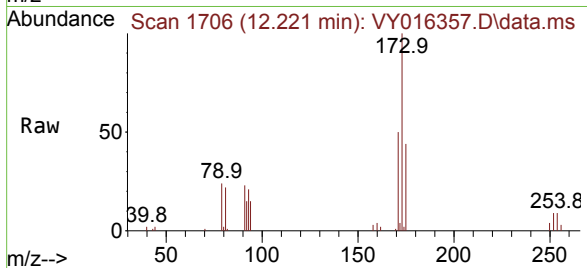
Tgt Ion:173 Resp: 18662

Ion Ratio Lower Upper

173 100

175 46.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

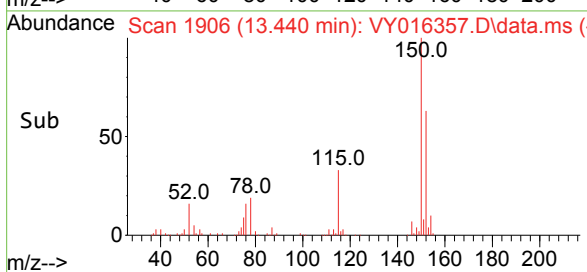
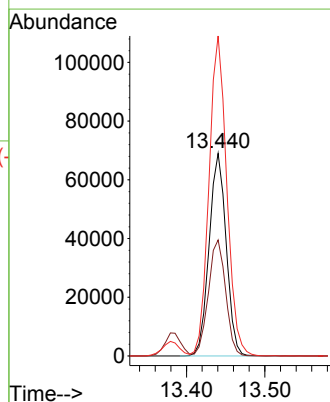
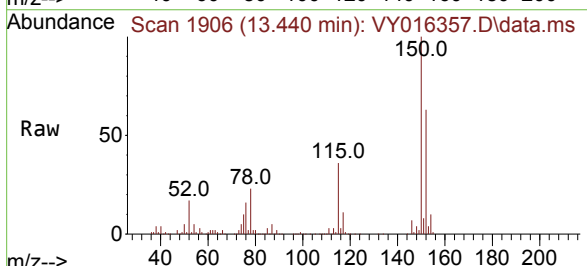
Tgt Ion:152 Resp: 104430

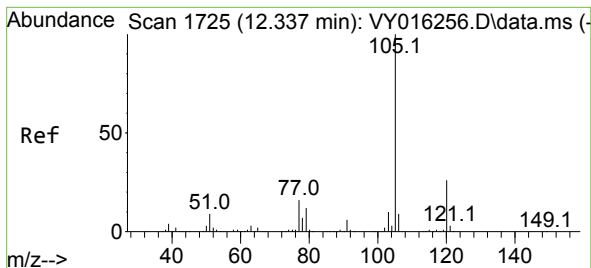
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 164.3 0.0 348.8





#73

Isopropylbenzene

Concen: 19.170 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

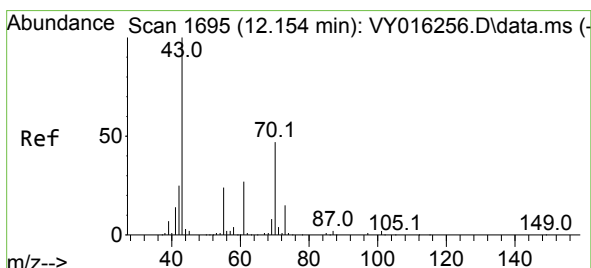
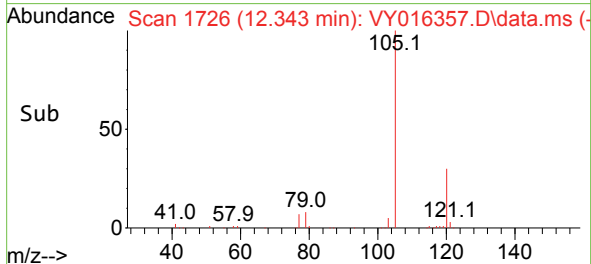
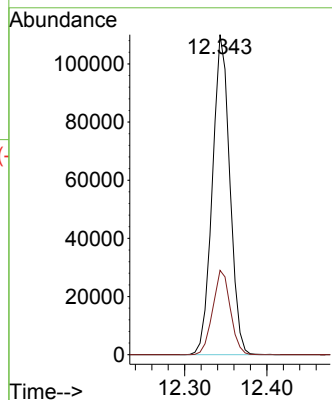
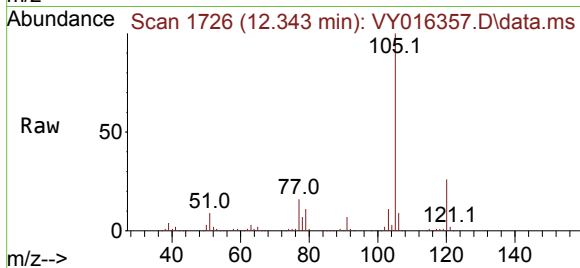
ClientSampleId :

Tgt Ion:105 Resp: 162115

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 17.919 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Tgt Ion: 43 Resp: 30437

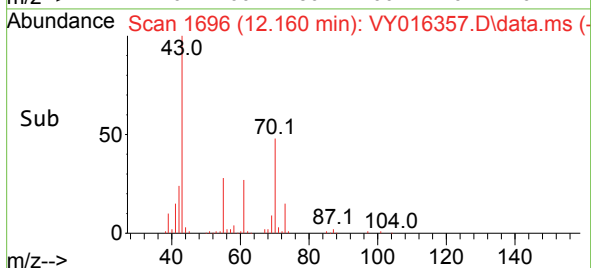
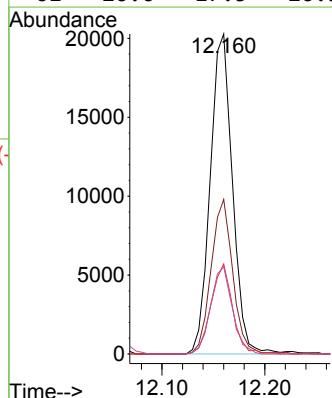
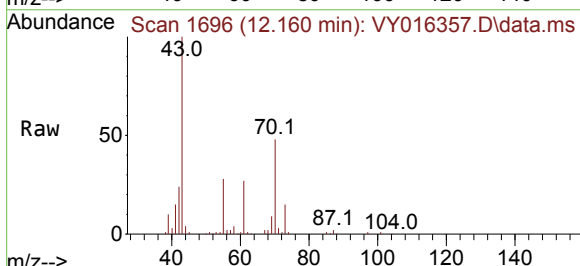
Ion Ratio Lower Upper

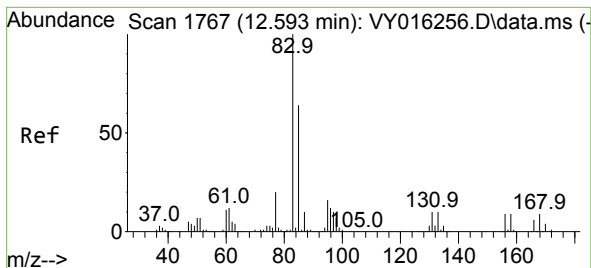
43 100

70 47.0 29.7 44.5#

55 27.2 18.3 27.5

61 26.6 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.972 ug/l

RT: 12.599 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

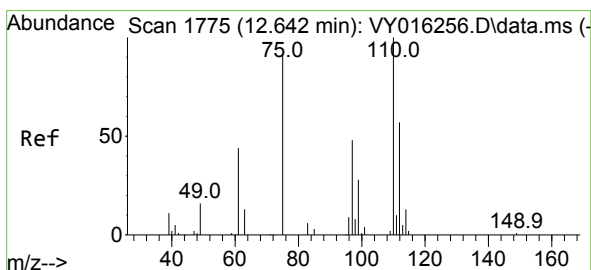
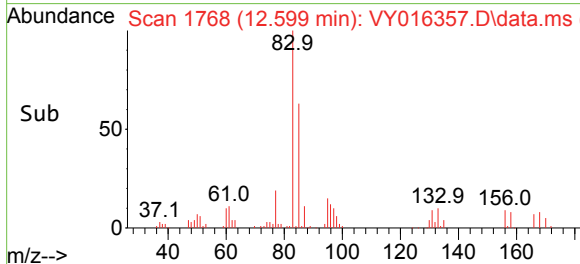
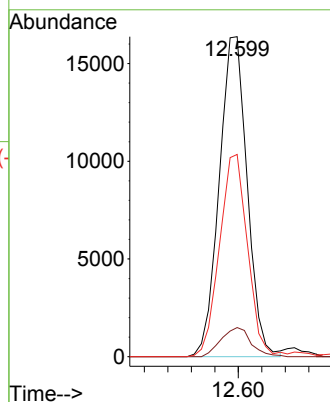
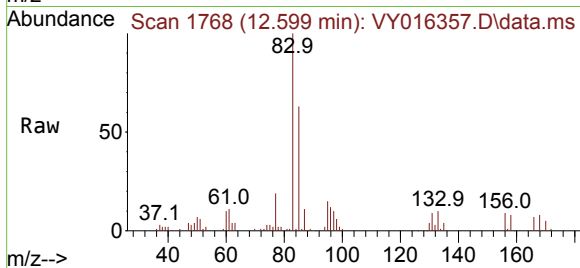
Tgt Ion: 83 Resp: 27101

Ion Ratio Lower Upper

83 100

131 9.7 5.4 16.2

85 63.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.812 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016357.D

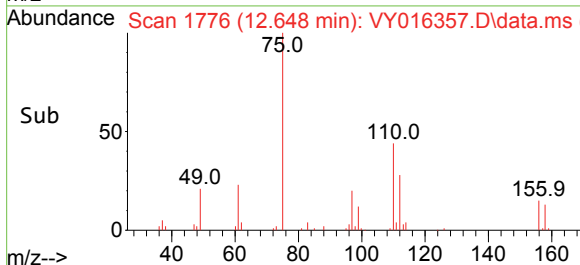
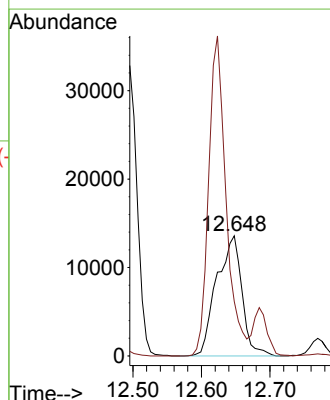
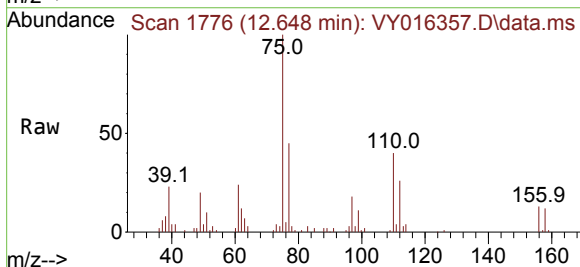
Acq: 15 Nov 2023 10:27

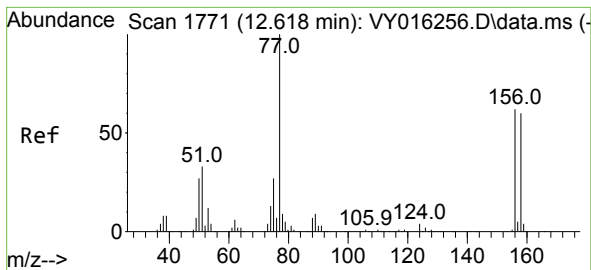
Tgt Ion: 75 Resp: 34874

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.518 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016357.D

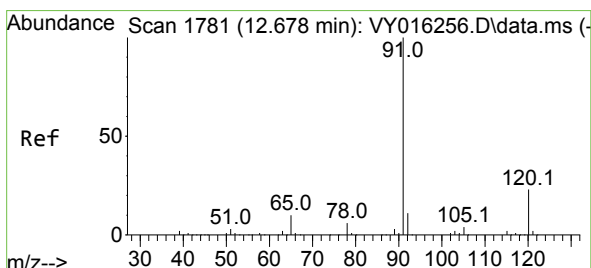
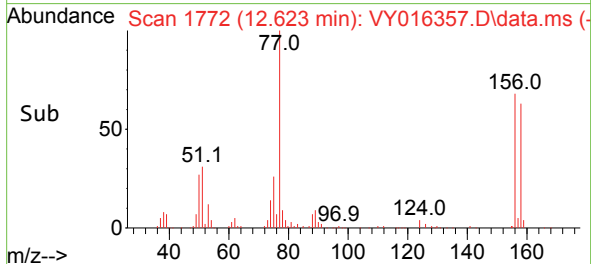
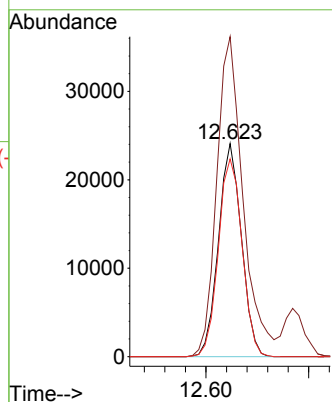
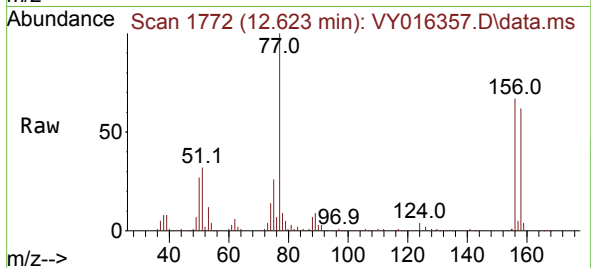
Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	37304
Ion Ratio	Lower	Upper	
156	100		
77	171.6	92.8	278.6
158	95.9	48.4	145.3



#78

n-propylbenzene

Concen: 19.327 ug/l

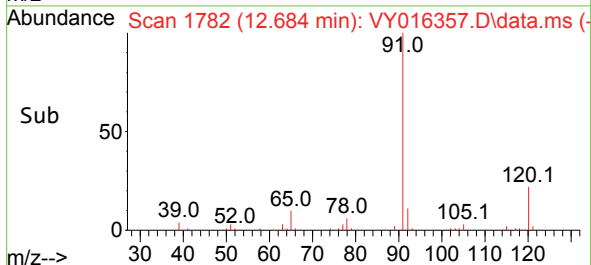
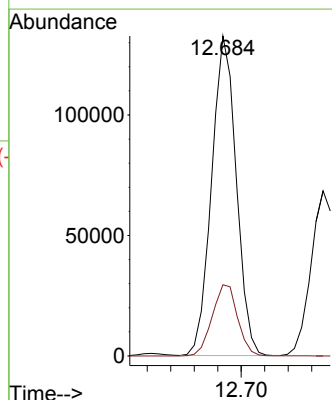
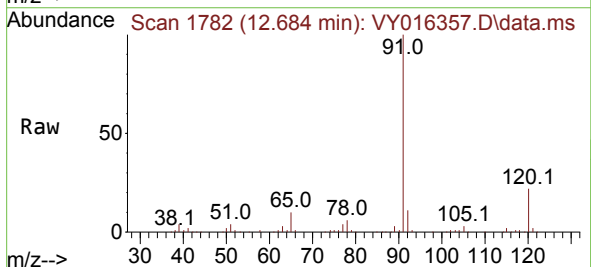
RT: 12.684 min Scan# 1782

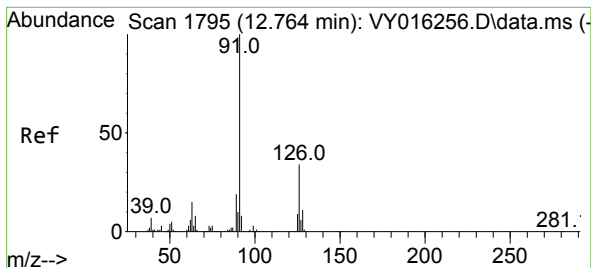
Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Tgt Ion:	91	Resp:	193154
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.320 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

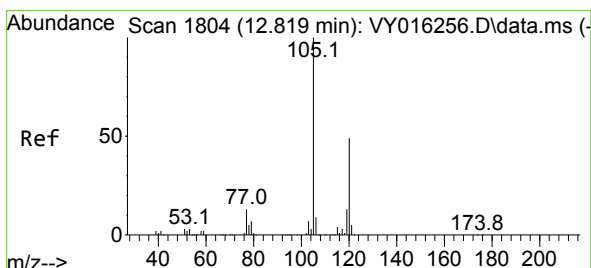
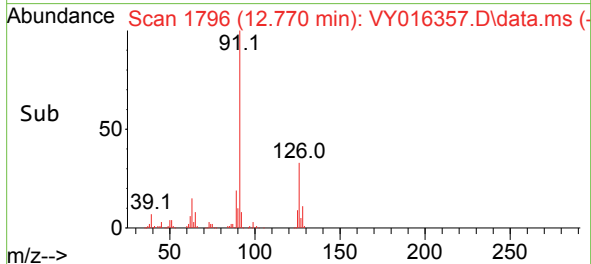
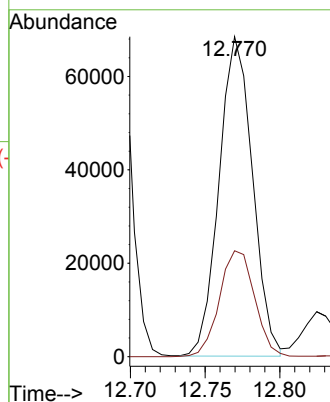
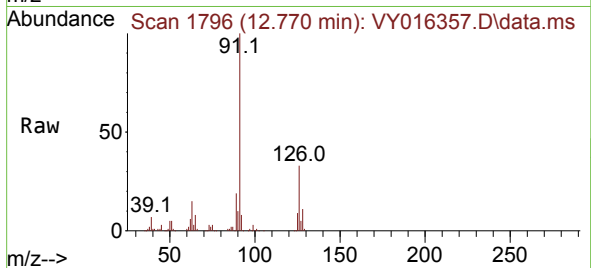
ClientSampleId :

Tgt Ion: 91 Resp: 106404

Ion Ratio Lower Upper

91 100

126 35.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.337 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016357.D

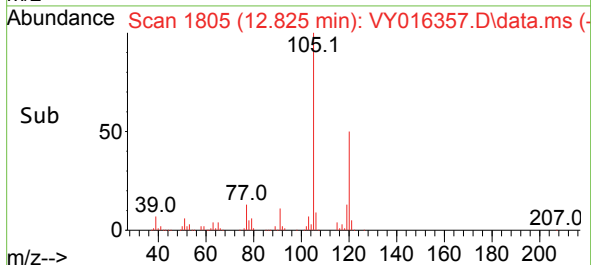
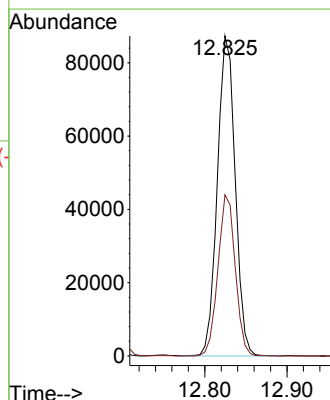
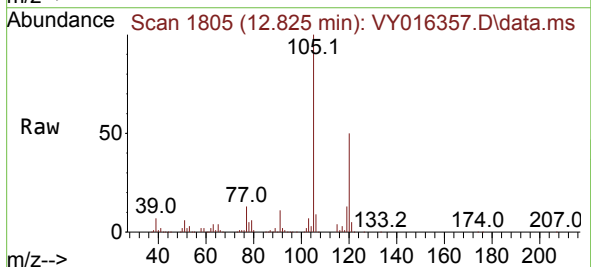
Acq: 15 Nov 2023 10:27

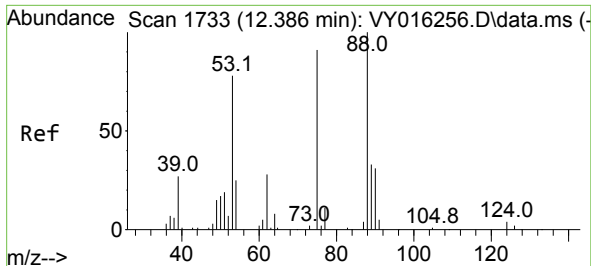
Tgt Ion: 105 Resp: 131839

Ion Ratio Lower Upper

105 100

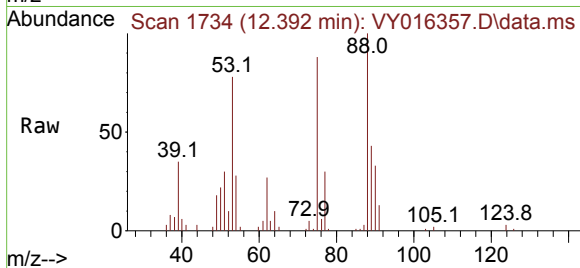
120 48.8 23.9 71.7



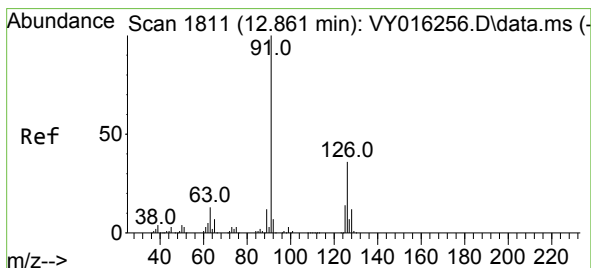
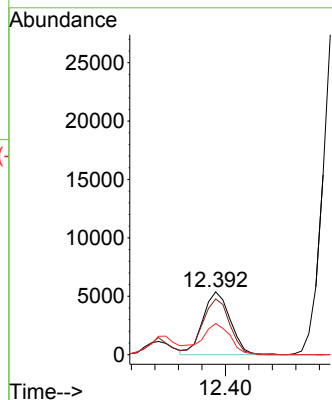
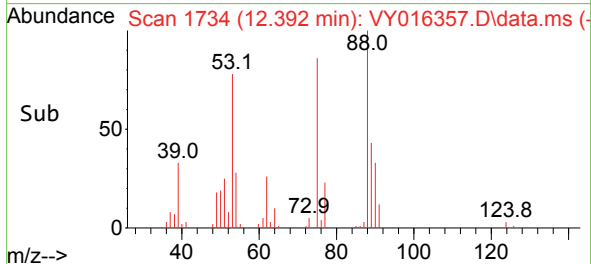


#81
trans-1,4-Dichloro-2-butene
Concen: 18.881 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Instrument :
MSVOA_Y
ClientSampleId :

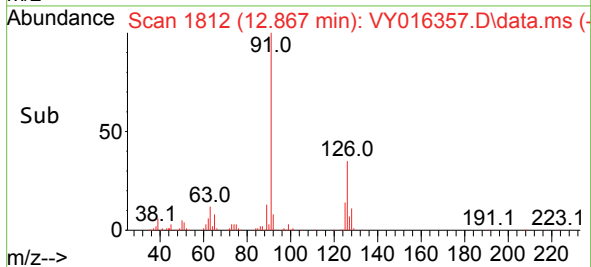
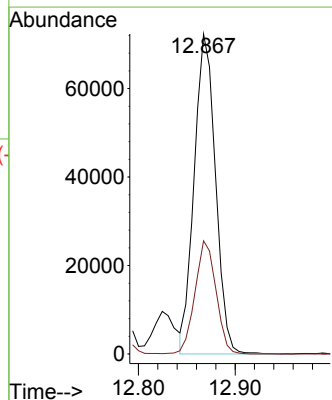
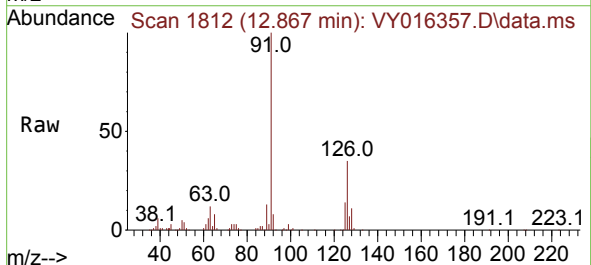


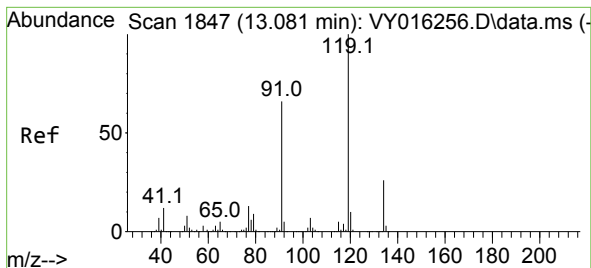
Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.1	77.8	116.8
89	49.7	37.4	56.0



#82
4-Chlorotoluene
Concen: 19.462 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016357.D
Acq: 15 Nov 2023 10:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.2	51.6





#83

tert-Butylbenzene

Concen: 19.821 ug/l

RT: 13.087 min Scan# 119033

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

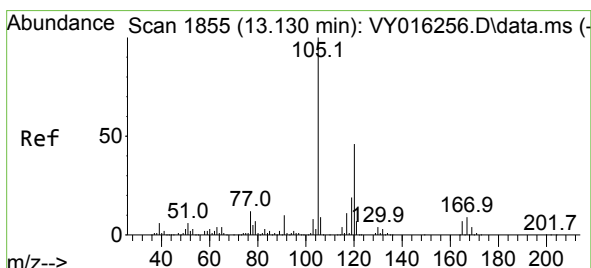
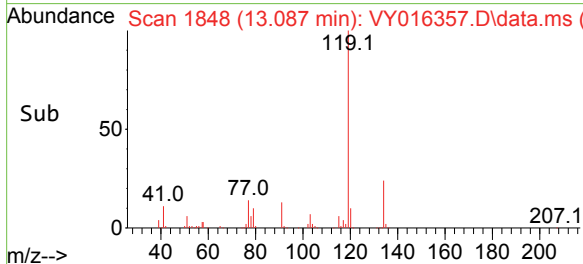
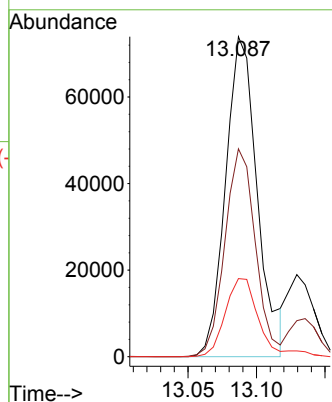
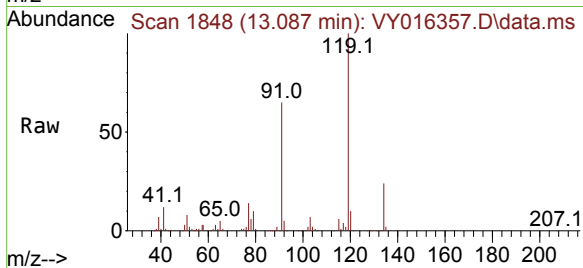
Tgt Ion:119 Resp: 119033

Ion Ratio Lower Upper

119 100

91 62.6 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.493 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016357.D

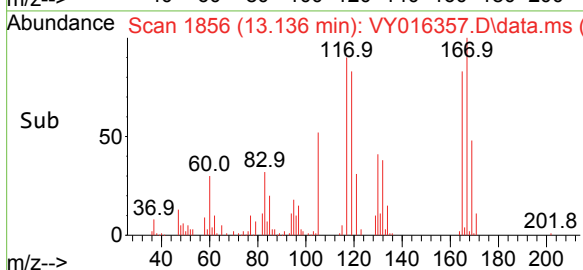
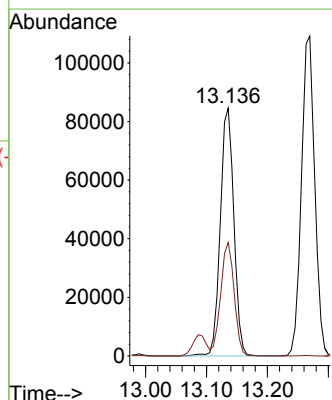
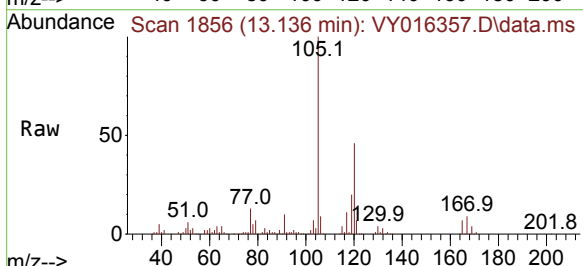
Acq: 15 Nov 2023 10:27

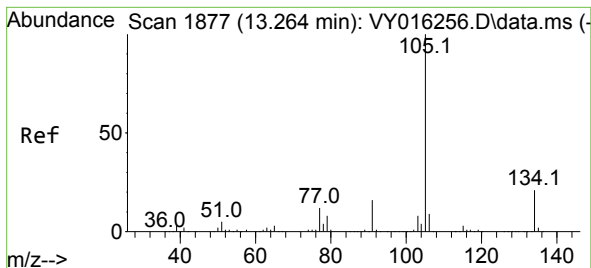
Tgt Ion:105 Resp: 130865

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.282 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

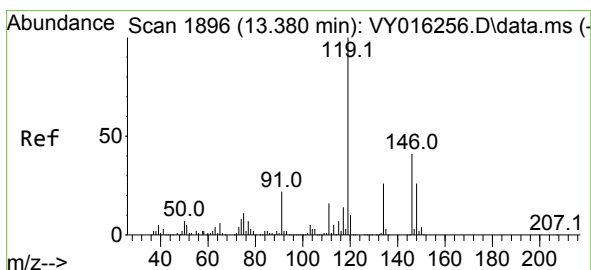
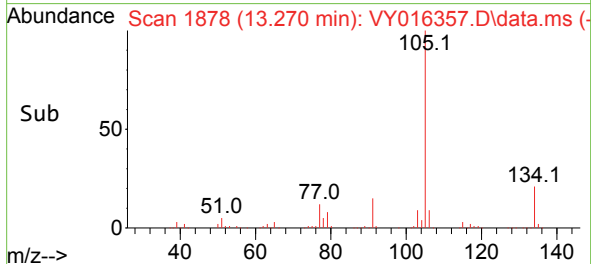
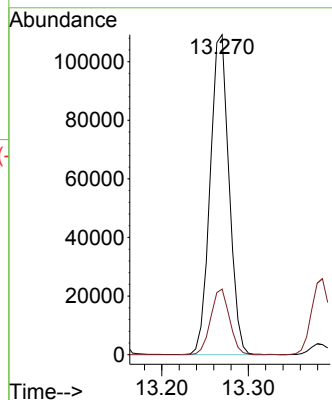
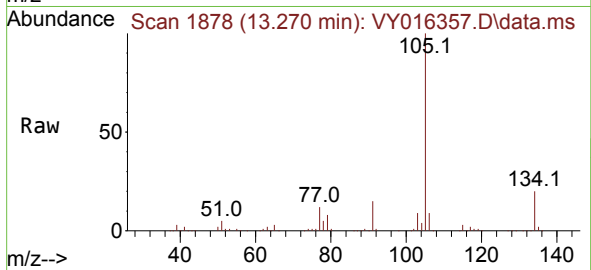
ClientSampleId :

Tgt Ion:105 Resp: 165430

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.498 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

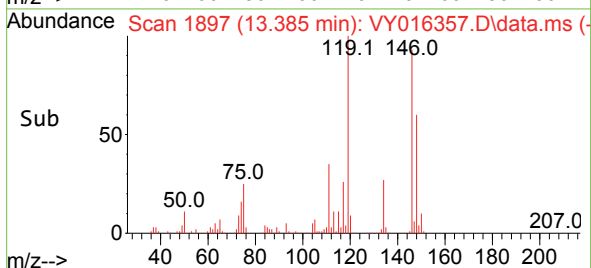
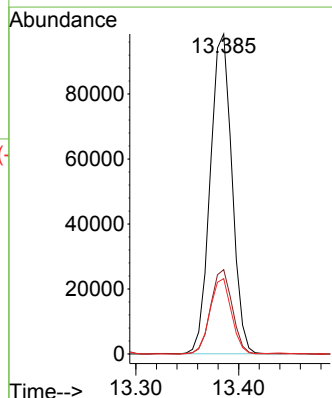
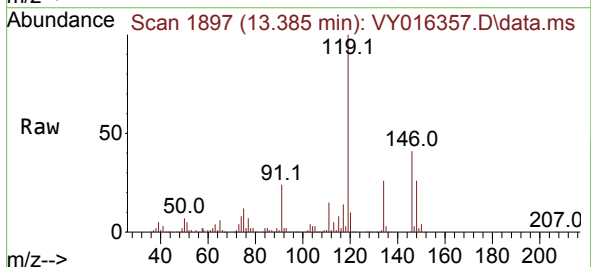
Tgt Ion:119 Resp: 144046

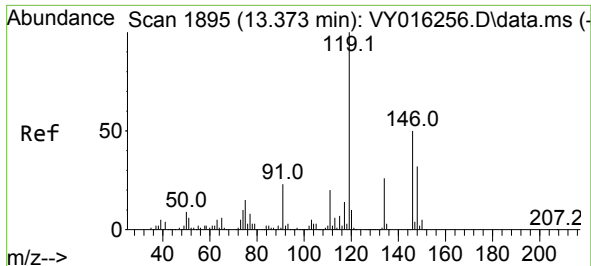
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.4 12.4 37.4

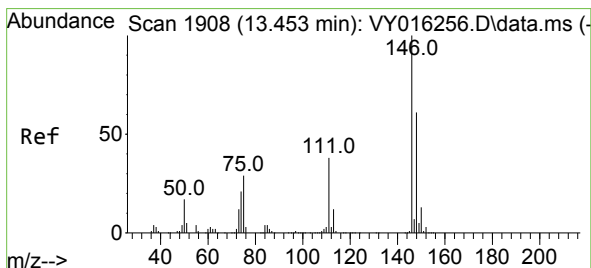
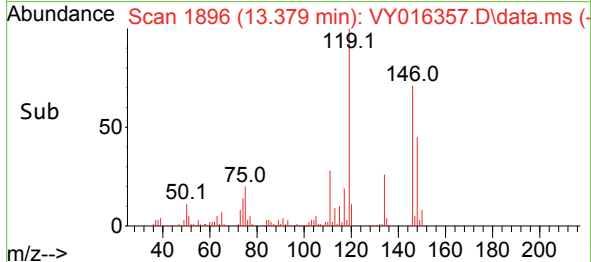
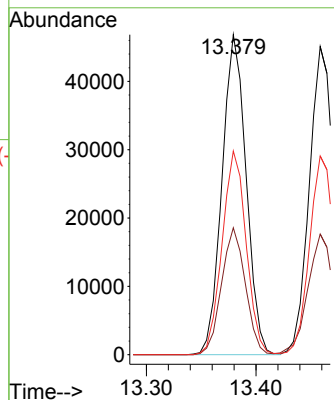
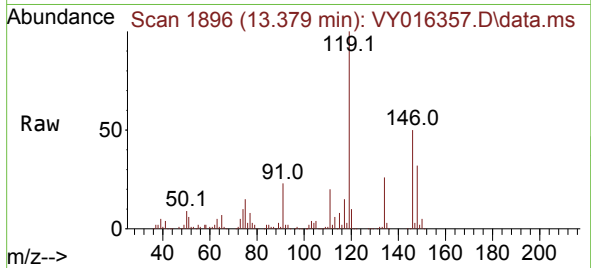




#87
 1,3-Dichlorobenzene
 Concen: 19.469 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY016357.D
 Acq: 15 Nov 2023 10:27

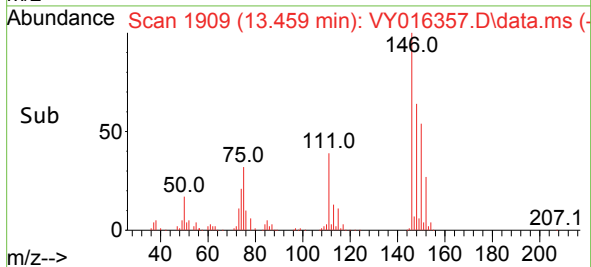
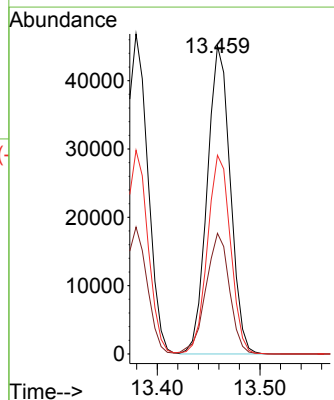
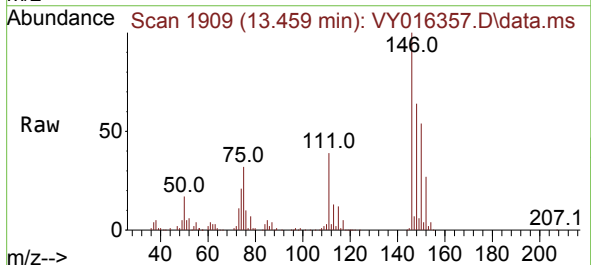
Instrument :
 MSVOA_Y
 ClientSampleId :

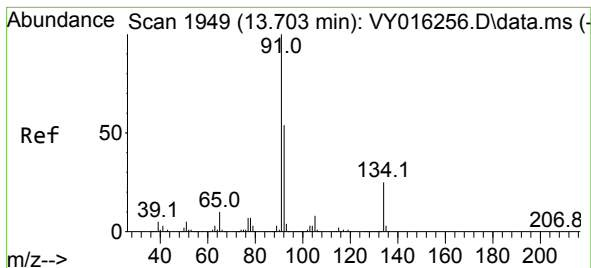
Tgt Ion:146 Resp: 71587
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.2
 148 63.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.608 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016357.D
 Acq: 15 Nov 2023 10:27

Tgt Ion:146 Resp: 70464
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.9 56.7
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 19.375 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

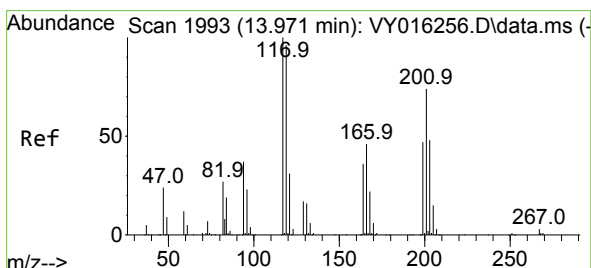
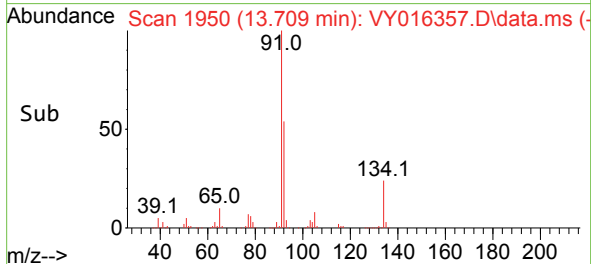
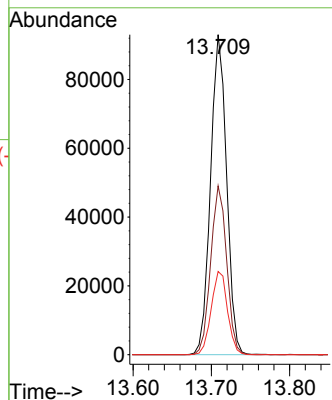
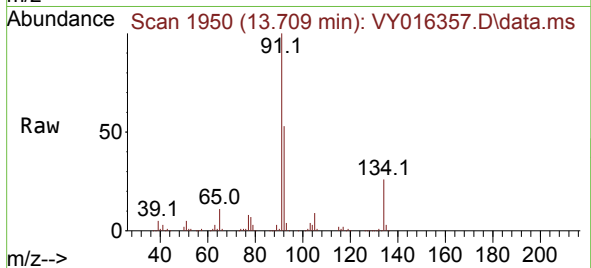
Tgt Ion: 91 Resp: 132184

Ion Ratio Lower Upper

91 100

92 52.5 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 19.512 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016357.D

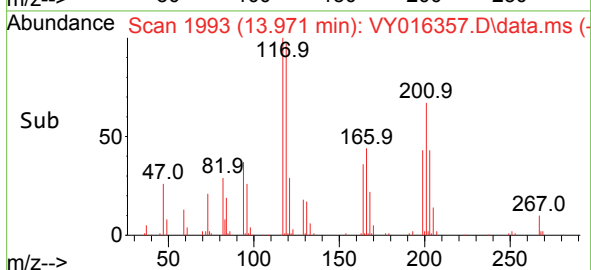
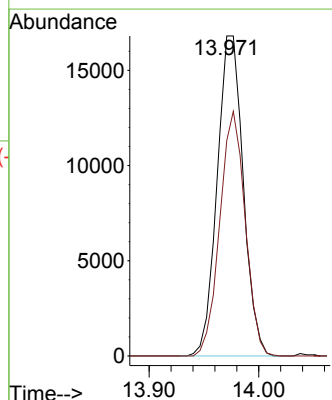
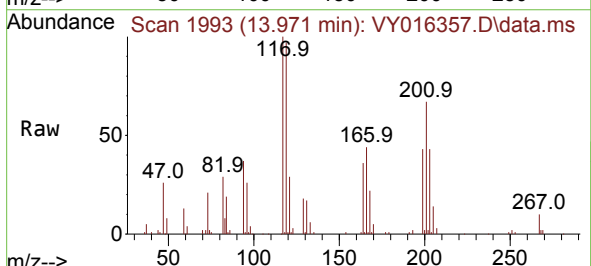
Acq: 15 Nov 2023 10:27

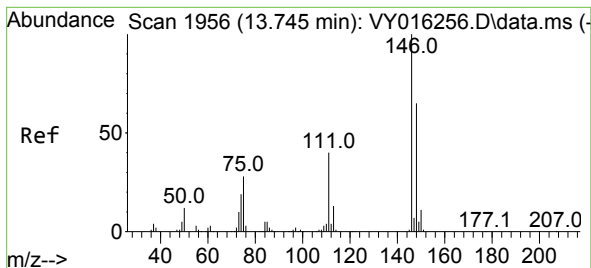
Tgt Ion: 117 Resp: 27807

Ion Ratio Lower Upper

117 100

201 74.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.697 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

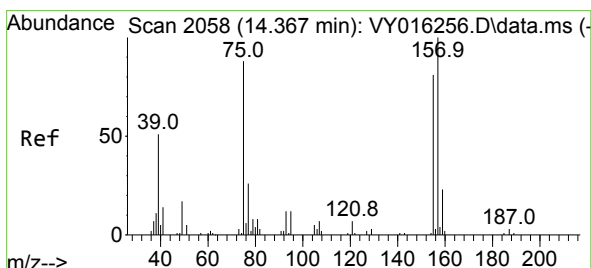
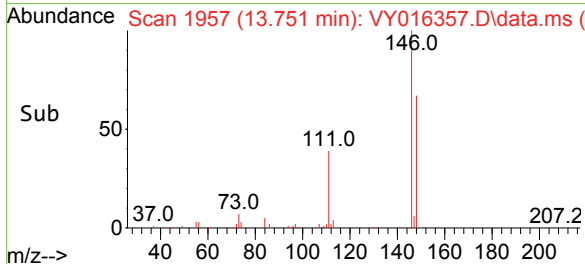
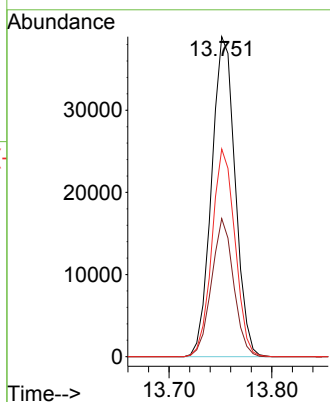
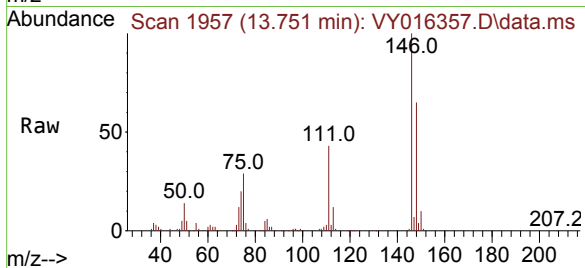
Tgt Ion:146 Resp: 62062

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.0

148 63.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.717 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

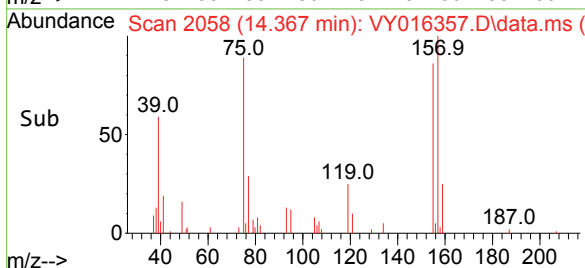
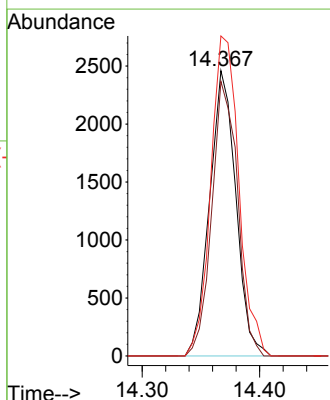
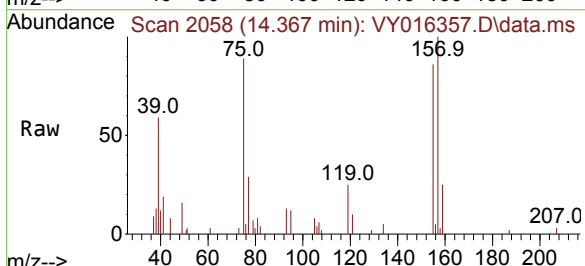
Tgt Ion: 75 Resp: 3825

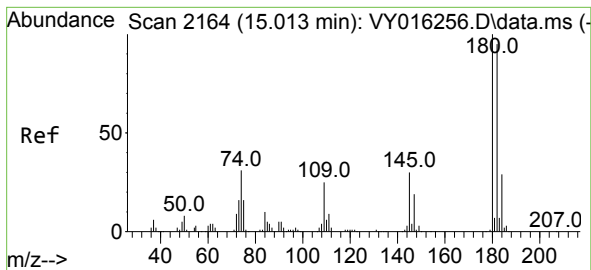
Ion Ratio Lower Upper

75 100

155 93.9 41.5 124.6

157 119.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.153 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

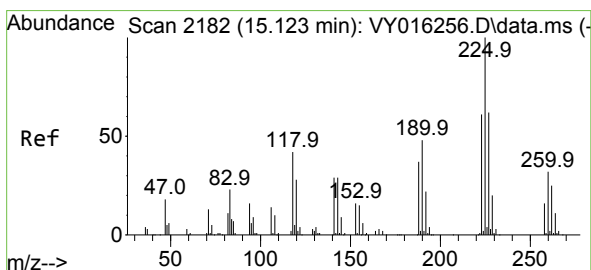
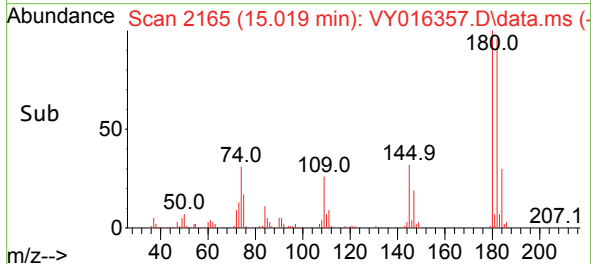
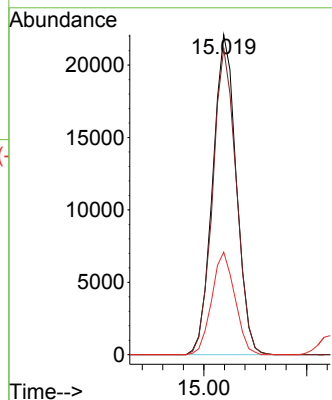
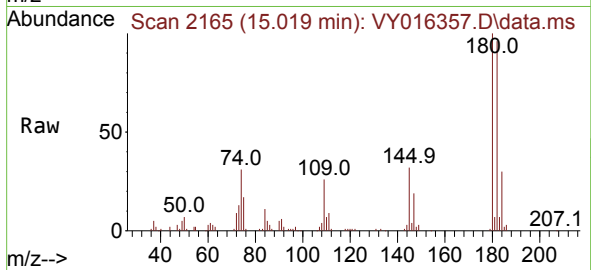
Tgt Ion:180 Resp: 35226

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.223 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

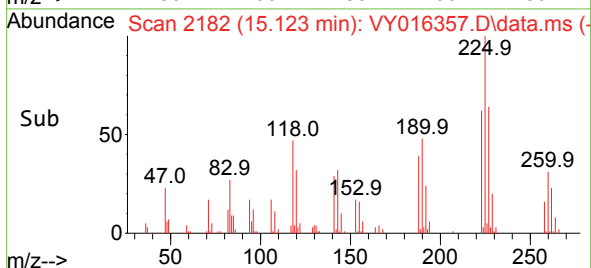
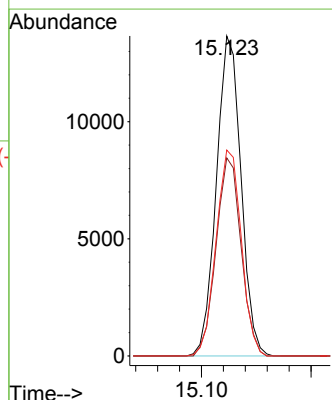
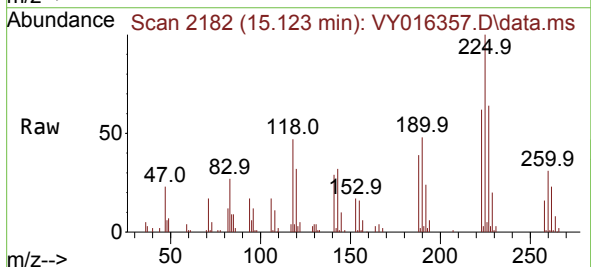
Tgt Ion:225 Resp: 21309

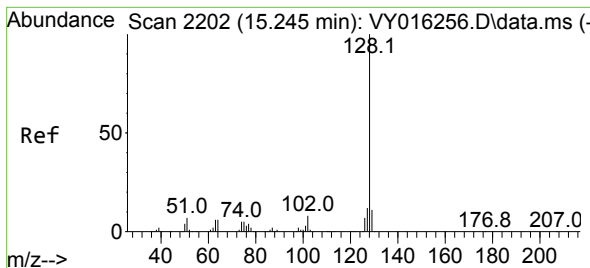
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.9

227 65.9 33.0 98.9





#95

Naphthalene

Concen: 18.413 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016357.D

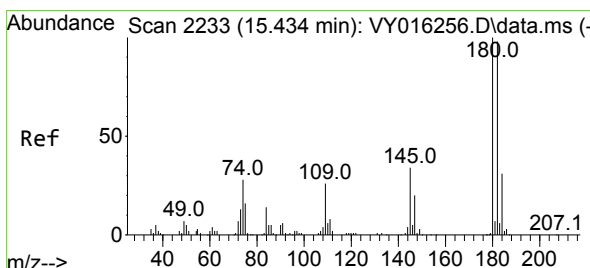
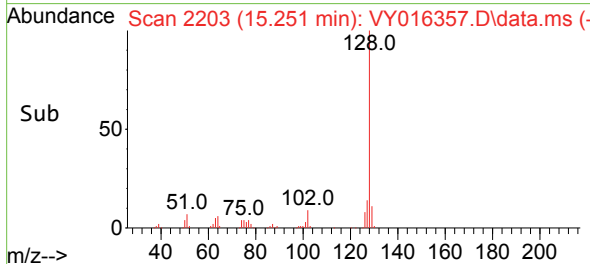
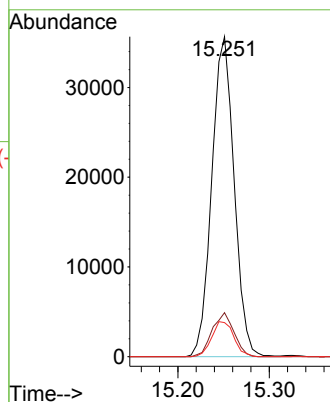
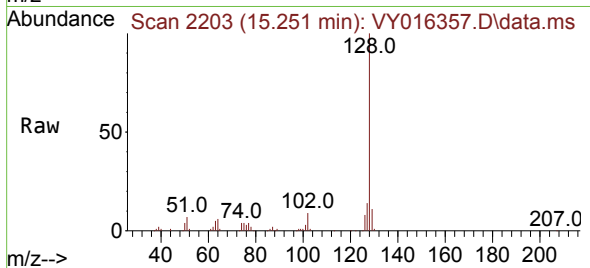
Acq: 15 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 60569
Ion Ratio	Lower Upper
128	100
127	13.4 10.8 16.2
129	10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.243 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016357.D

Acq: 15 Nov 2023 10:27

Tgt Ion:180	Resp: 29273
Ion Ratio	Lower Upper
180	100
182	93.3 47.3 141.8
145	32.5 15.4 46.2

