

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016537.D
 Acq On : 29 Nov 2023 15:23
 Operator : SY/MD
 Sample : VY1129SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 30 03:32:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	176674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	273441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	235857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	111876	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	71545	51.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.520%	
35) Dibromofluoromethane	7.752	113	80047	49.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.760%	
50) Toluene-d8	10.203	98	309150	49.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	12.501	95	101867	52.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.918	85	32260	20.962	ug/l	96
3) Chloromethane	2.131	50	31878	20.764	ug/l	96
4) Vinyl Chloride	2.272	62	34117	19.689	ug/l	99
5) Bromomethane	2.674	94	23045	20.545	ug/l	91
6) Chloroethane	2.820	64	22319	19.952	ug/l	92
7) Trichlorofluoromethane	3.156	101	61018	20.341	ug/l	100
8) Diethyl Ether	3.558	74	16638	20.882	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.930	101	34686	20.369	ug/l	97
10) Methyl Iodide	4.131	142	36481	18.936	ug/l	99
11) Tert butyl alcohol	4.991	59	5459	61.706	ug/l #	58
12) 1,1-Dichloroethene	3.905	96	32299	20.295	ug/l	84
13) Acrolein	3.759	56	16730	99.799	ug/l	99
14) Allyl chloride	4.515	41	37069	20.261	ug/l #	88
15) Acrylonitrile	5.210	53	30603	108.543	ug/l	96
16) Acetone	3.979	43	33278	120.856	ug/l #	79
17) Carbon Disulfide	4.235	76	87804	19.555	ug/l	100
18) Methyl Acetate	4.515	43	21861	21.159	ug/l #	85
19) Methyl tert-butyl Ether	5.265	73	73344	21.148	ug/l	96
20) Methylene Chloride	4.759	84	42907	24.940	ug/l #	78
21) trans-1,2-Dichloroethene	5.265	96	35751	20.169	ug/l	90
22) Diisopropyl ether	6.155	45	80909	21.090	ug/l #	87
23) Vinyl Acetate	6.100	43	193461	109.354	ug/l #	86
24) 1,1-Dichloroethane	6.057	63	55625	20.546	ug/l	94
25) 2-Butanone	7.021	43	43838	116.407	ug/l #	81
26) 2,2-Dichloropropane	7.015	77	53951	20.162	ug/l	96
27) cis-1,2-Dichloroethene	7.021	96	39544	20.765	ug/l	85
28) Bromochloromethane	7.368	49	20482	20.933	ug/l #	69
29) Tetrahydrofuran	7.386	42	22413	110.785	ug/l #	76
30) Chloroform	7.539	83	61205	20.283	ug/l	98
31) Cyclohexane	7.819	56	48445	19.770	ug/l #	80
32) 1,1,1-Trichloroethane	7.734	97	59665	20.404	ug/l	95
36) 1,1-Dichloropropene	7.953	75	47421	20.010	ug/l	97
37) Ethyl Acetate	7.106	43	16340	21.999	ug/l #	92
38) Carbon Tetrachloride	7.935	117	55432	19.929	ug/l	98
39) Methylcyclohexane	9.209	83	58212	19.693	ug/l	88
40) Benzene	8.191	78	135586	20.178	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	8637	22.074	ug/l #	65
42) 1,2-Dichloroethane	8.264	62	34506	20.723	ug/l	92
43) Isopropyl Acetate	8.301	43	31492	21.561	ug/l #	82
44) Trichloroethene	8.972	130	41933	20.261	ug/l	93
45) 1,2-Dichloropropane	9.240	63	30488	20.108	ug/l	97
46) Dibromomethane	9.331	93	17768	20.840	ug/l	96
47) Bromodichloromethane	9.520	83	46221	20.534	ug/l	95
48) Methyl methacrylate	9.319	41	17037	20.777	ug/l #	73
49) 1,4-Dioxane	9.331	88	3609	456.694	ug/l #	54
51) 4-Methyl-2-Pentanone	10.093	43	83250	109.257	ug/l #	86
52) Toluene	10.270	92	87807	20.342	ug/l	95
53) t-1,3-Dichloropropene	10.490	75	43165	20.694	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	52265	20.678	ug/l #	84
55) 1,1,2-Trichloroethane	10.666	97	26129	21.239	ug/l	92
56) Ethyl methacrylate	10.532	69	22365	21.482	ug/l #	73
57) 1,3-Dichloropropane	10.813	76	41852	21.120	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.807	63	68142	105.844	ug/l #	87
59) 2-Hexanone	10.855	43	71301	118.464	ug/l	82
60) Dibromochloromethane	11.008	129	34137	21.229	ug/l	99
61) 1,2-Dibromoethane	11.111	107	24676	21.240	ug/l	99
64) Tetrachloroethene	10.746	164	42843	20.411	ug/l	94
65) Chlorobenzene	11.538	112	96307	20.390	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	36931	20.396	ug/l	100
67) Ethyl Benzene	11.617	91	165950	20.015	ug/l	97
68) m/p-Xylenes	11.727	106	130004	40.514	ug/l	92
69) o-Xylene	12.050	106	60626	20.580	ug/l	94
70) Styrene	12.069	104	86657	20.445	ug/l	97
71) Bromoform	12.227	173	19992	21.375	ug/l #	97
73) Isopropylbenzene	12.349	105	167260	19.715	ug/l	98
74) N-amyl acetate	12.166	43	25626	21.388	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.605	83	25694	20.402	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	34592	36.826	ug/l #	100
77) Bromobenzene	12.629	156	39067	19.776	ug/l	90
78) n-propylbenzene	12.690	91	191521	19.732	ug/l	97
79) 2-Chlorotoluene	12.776	91	106427	19.714	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	136018	19.944	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.398	75	8859	20.569	ug/l	86
82) 4-Chlorotoluene	12.873	91	111712	20.154	ug/l	97
83) tert-Butylbenzene	13.099	119	122951	19.976	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	133947	20.173	ug/l	97
85) sec-Butylbenzene	13.276	105	170940	20.081	ug/l	98
86) p-Isopropyltoluene	13.391	119	148664	20.213	ug/l	97
87) 1,3-Dichlorobenzene	13.385	146	76530	20.516	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	74418	20.383	ug/l	98
89) n-Butylbenzene	13.715	91	131165	20.346	ug/l	95
90) Hexachloroethane	13.983	117	28653	19.967	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	64802	20.498	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.379	75	3851	21.736	ug/l	79
93) 1,2,4-Trichlorobenzene	15.031	180	36828	21.132	ug/l	99
94) Hexachlorobutadiene	15.135	225	23815	21.751	ug/l	97
95) Naphthalene	15.257	128	61212	20.929	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	29563	21.286	ug/l	99

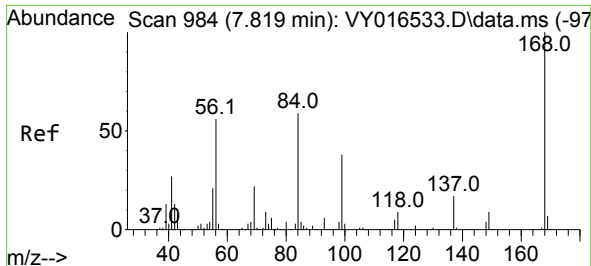
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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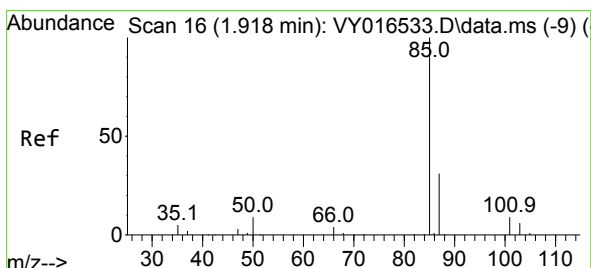
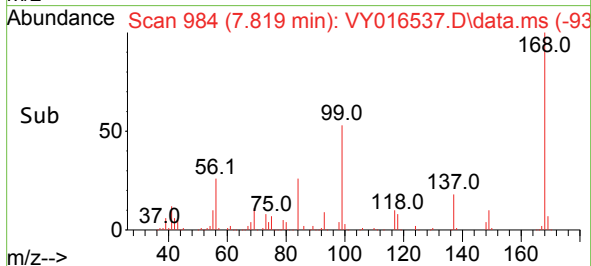
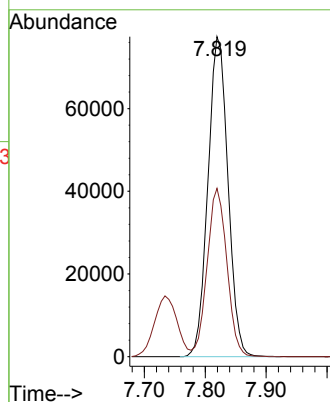
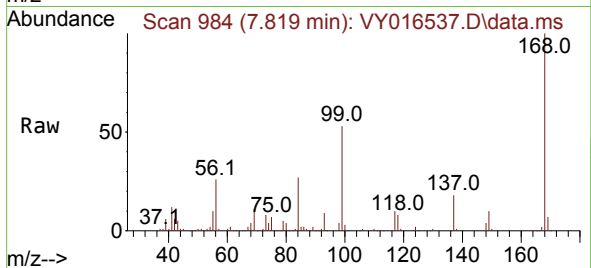
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

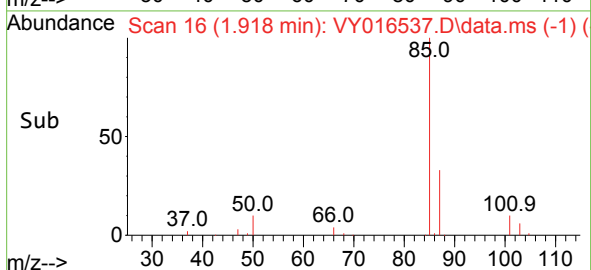
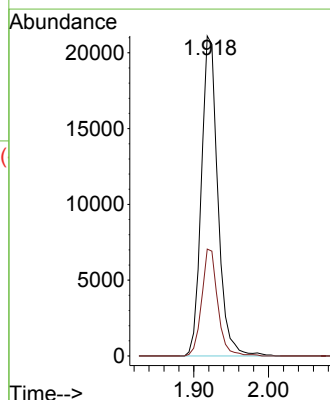
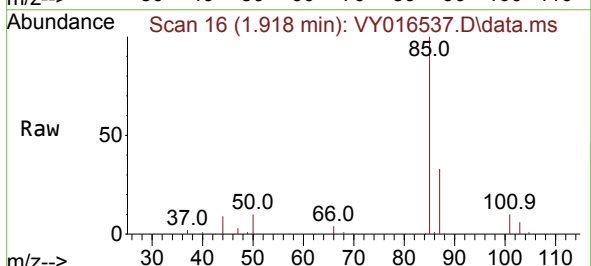
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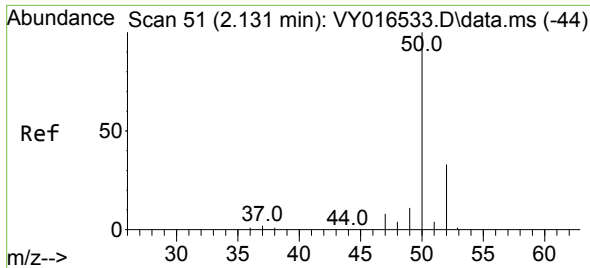
Tgt Ion:168 Resp: 176674
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.962 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 85 Resp: 32260
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8

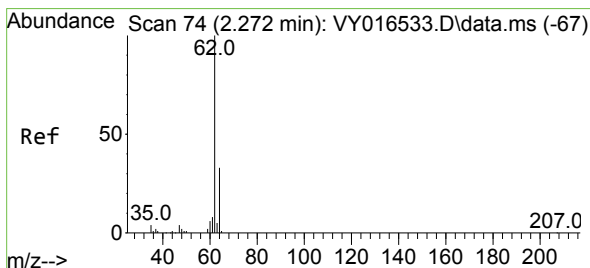
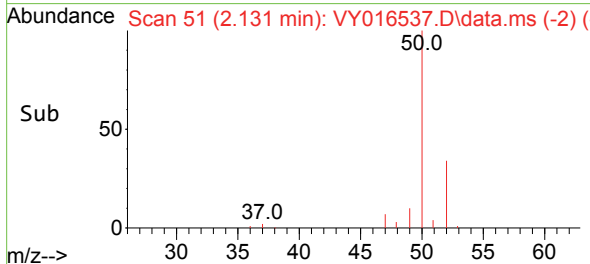
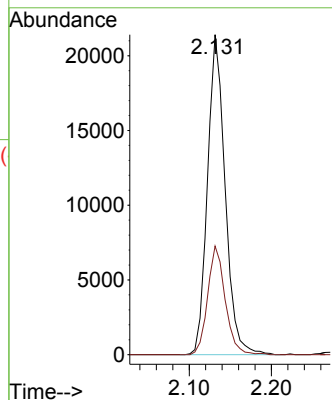
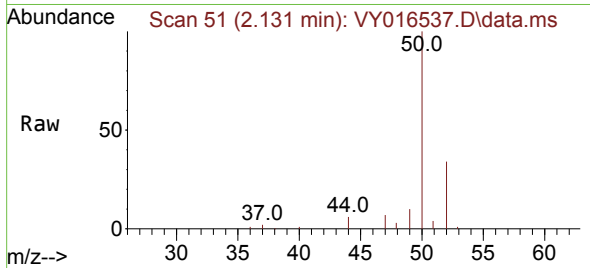




#3
Chloromethane
Concen: 20.764 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

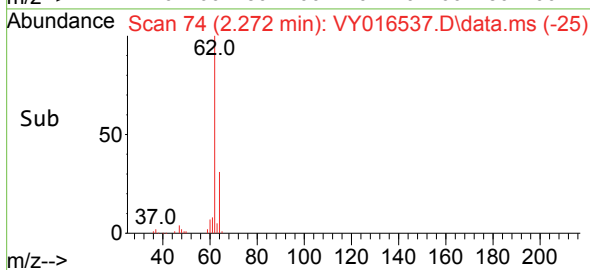
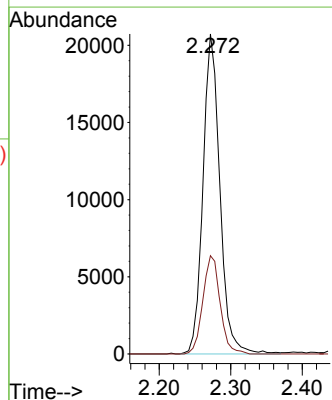
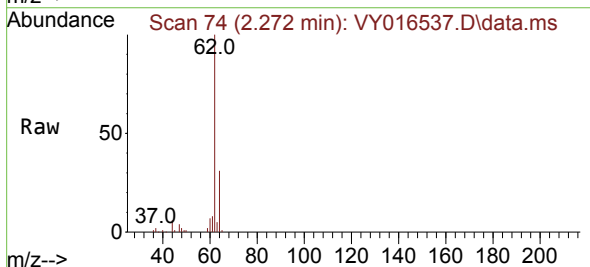
Instrument :
MSVOA_Y
ClientSampleId :

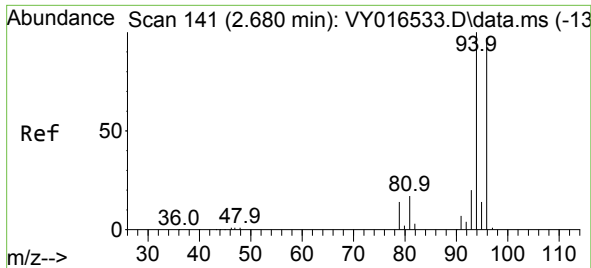
Tgt Ion: 50 Resp: 31878
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 19.689 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 62 Resp: 34117
Ion Ratio Lower Upper
62 100
64 30.7 24.3 36.5

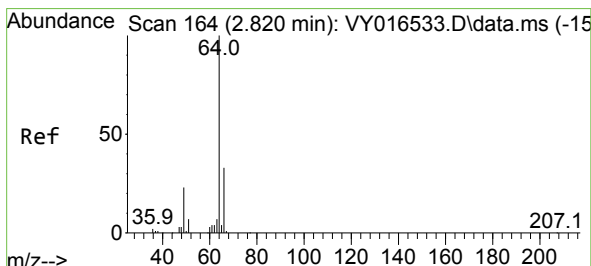
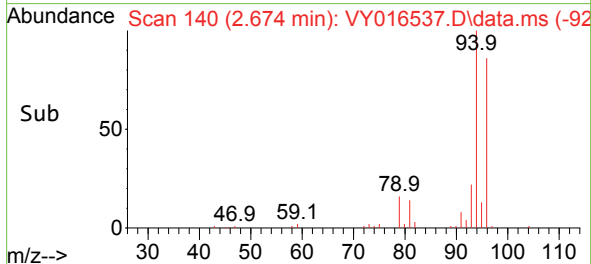
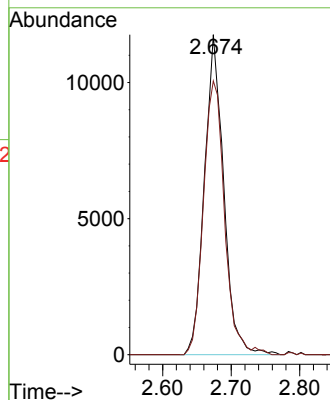
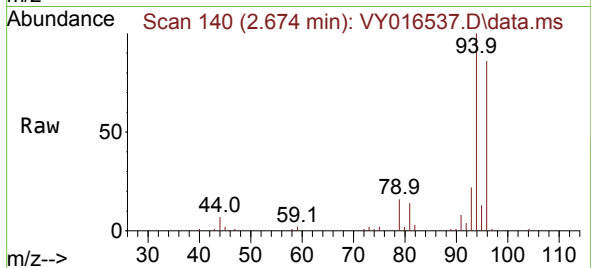




#5
Bromomethane
Concen: 20.545 ug/l
RT: 2.674 min Scan# 141
Delta R.T. -0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

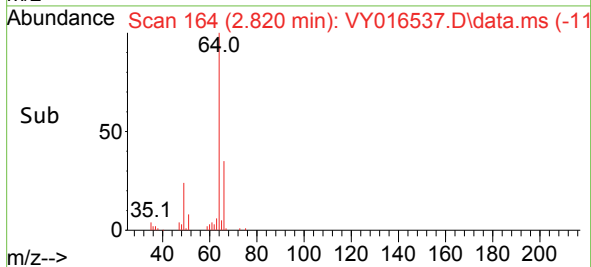
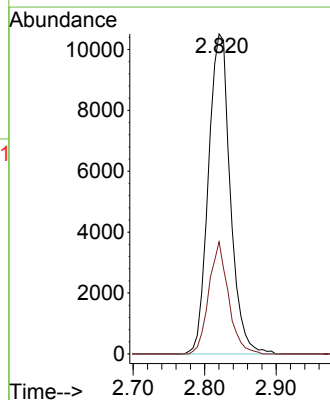
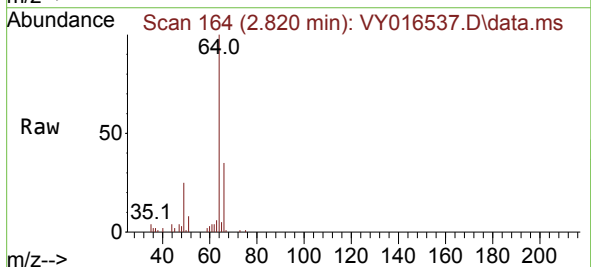
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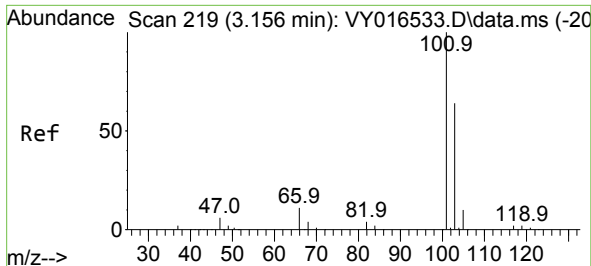
Tgt Ion: 94 Resp: 23045
Ion Ratio Lower Upper
94 100
96 85.6 75.8 113.6



#6
Chloroethane
Concen: 19.952 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 64 Resp: 22319
Ion Ratio Lower Upper
64 100
66 35.1 24.4 36.6

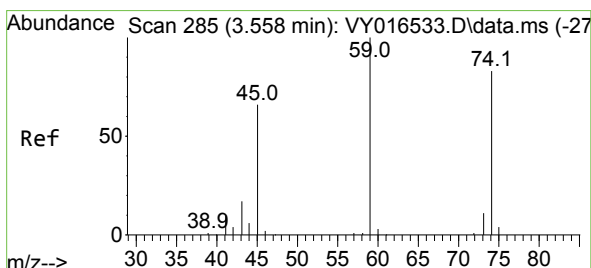
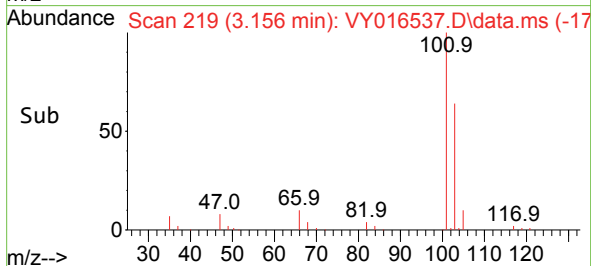
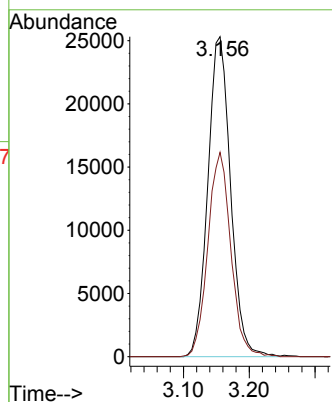
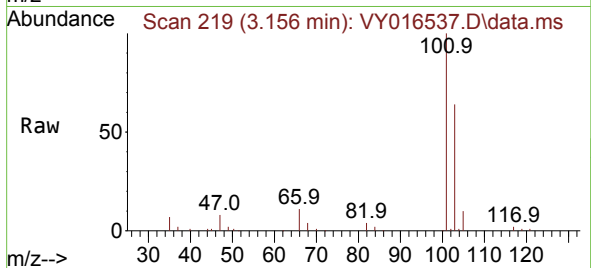




#7
 Trichlorofluoromethane
 Concen: 20.341 ug/l
 RT: 3.156 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY016537.D
 Acq: 29 Nov 2023 15:23

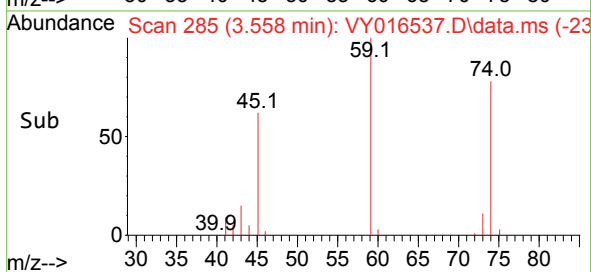
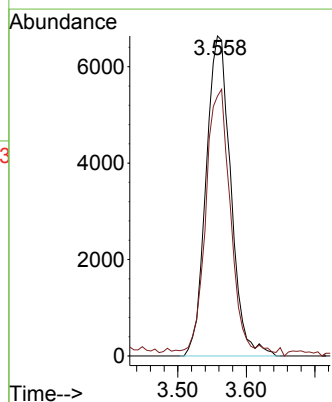
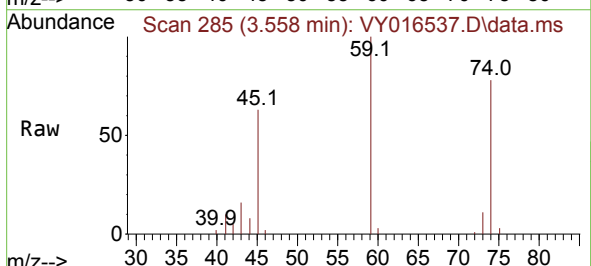
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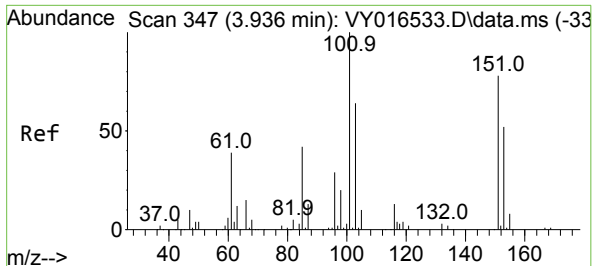
Tgt Ion:101 Resp: 61018
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.882 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY016537.D
 Acq: 29 Nov 2023 15:23

Tgt Ion: 74 Resp: 16638
 Ion Ratio Lower Upper
 74 100
 45 78.8 51.5 154.5

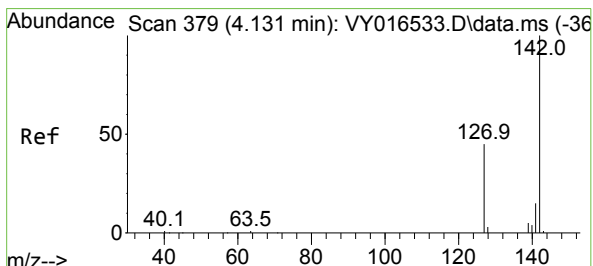
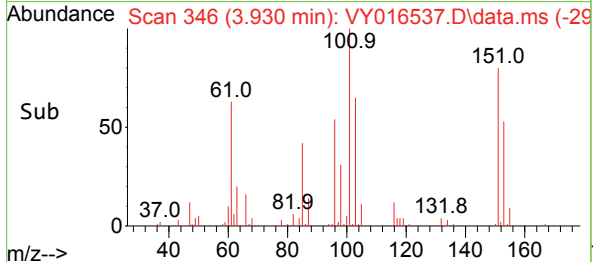
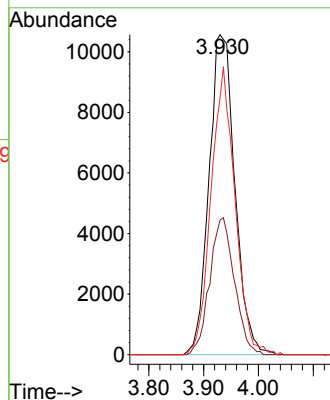
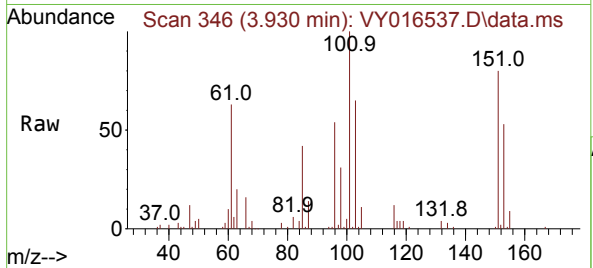




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.369 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

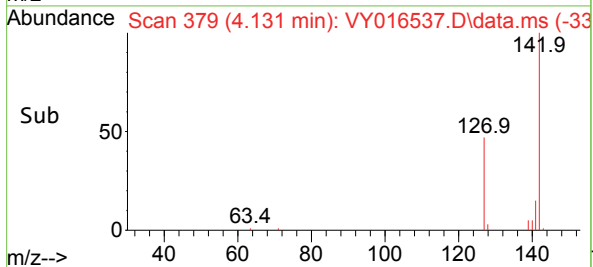
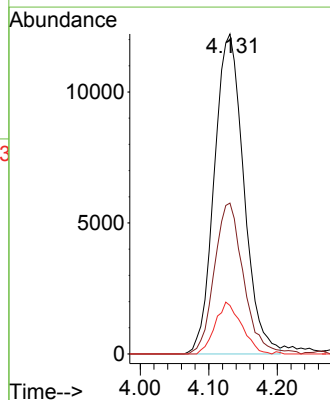
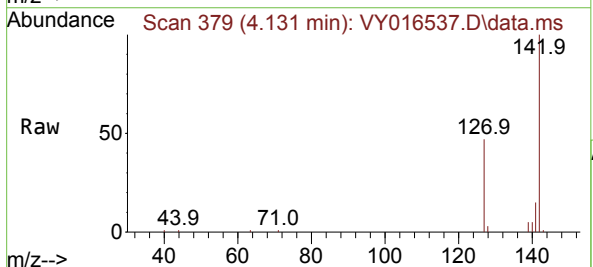
Instrument :
MSVOA_Y
ClientSampleId :

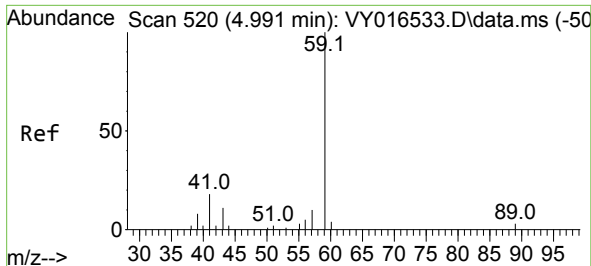
Tgt Ion:101 Resp: 34686
Ion Ratio Lower Upper
101 100
85 40.8 36.6 55.0
151 83.2 67.0 100.6



#10
Methyl Iodide
Concen: 18.936 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

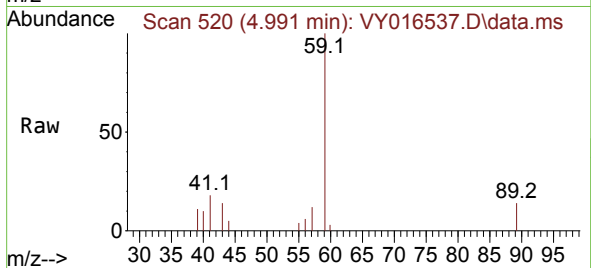
Tgt Ion:142 Resp: 36481
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 14.6 11.8 17.8



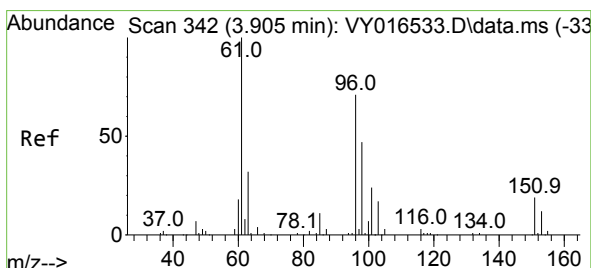
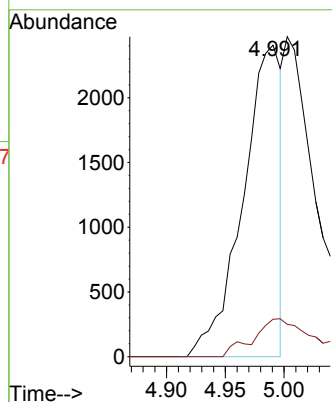
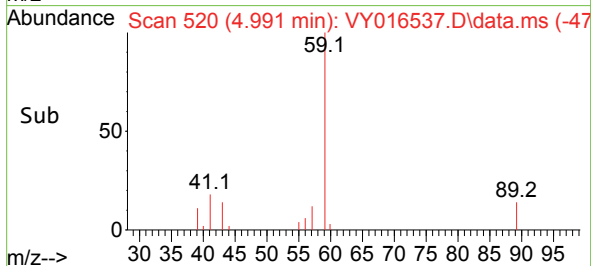


#11
Tert butyl alcohol
Concen: 61.706 ug/l
RT: 4.991 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

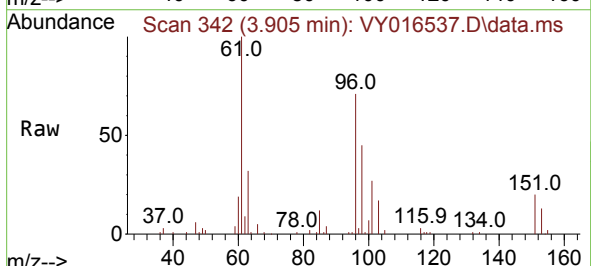
Instrument :
MSVOA_Y
ClientSampleId :



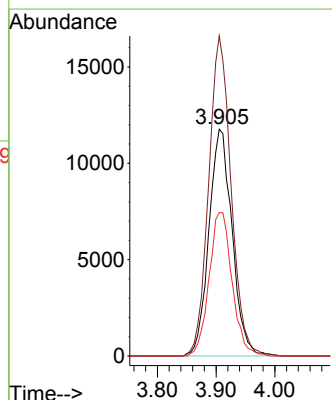
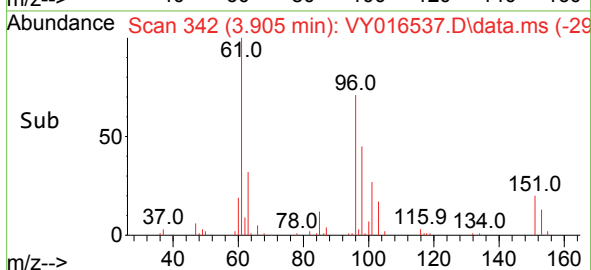
Tgt Ion: 59 Resp: 5459
Ion Ratio Lower Upper
59 100
57 17.6 3.0 4.4#

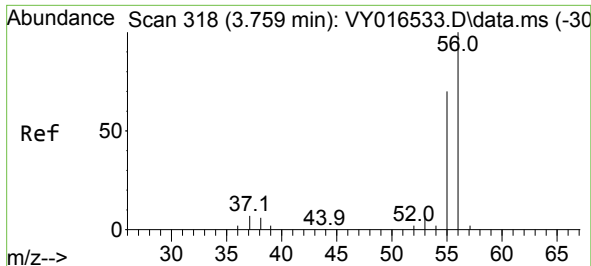


#12
1,1-Dichloroethene
Concen: 20.295 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23



Tgt Ion: 96 Resp: 32299
Ion Ratio Lower Upper
96 100
61 141.2 136.4 204.6
98 63.3 49.4 74.2





#13

Acrolein

Concen: 99.799 ug/l

RT: 3.759 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

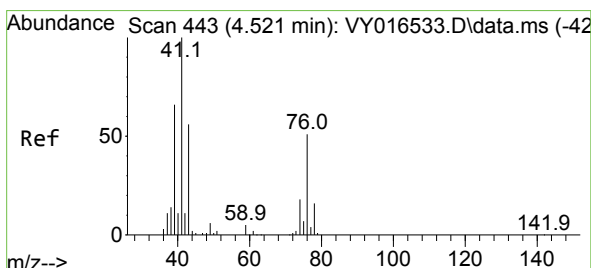
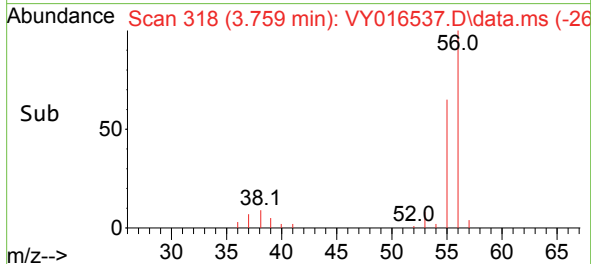
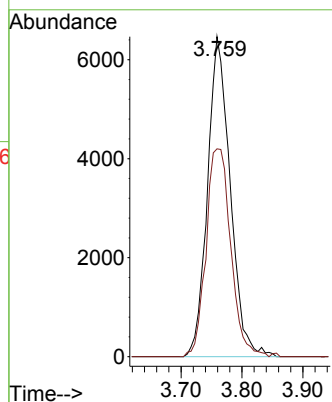
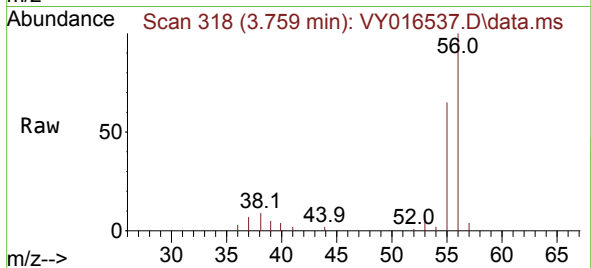
ClientSampleId :

Tgt Ion: 56 Resp: 16730

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 20.261 ug/l

RT: 4.515 min Scan# 442

Delta R.T. -0.006 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

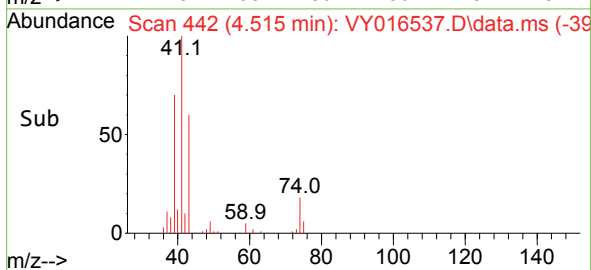
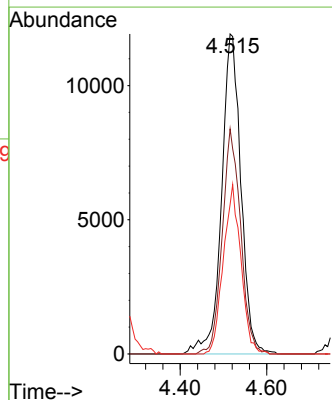
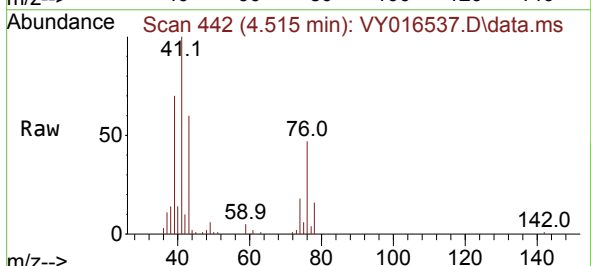
Tgt Ion: 41 Resp: 37069

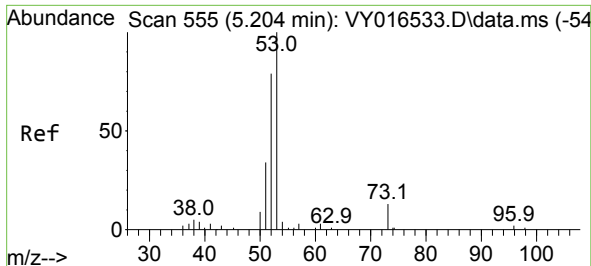
Ion Ratio Lower Upper

41 100

39 66.8 58.0 87.0

76 48.4 27.4 41.2#

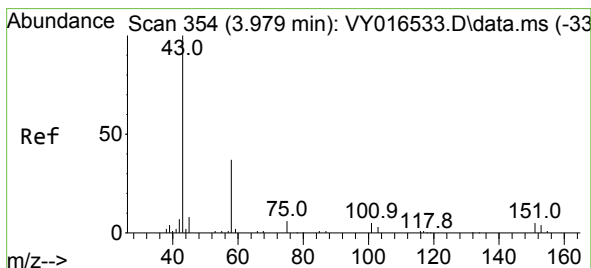
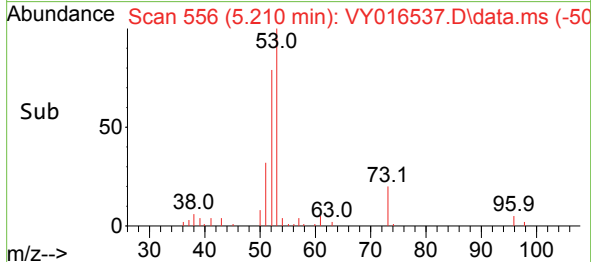
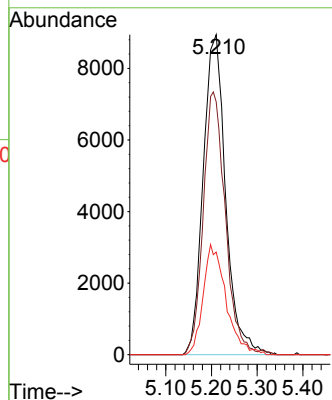
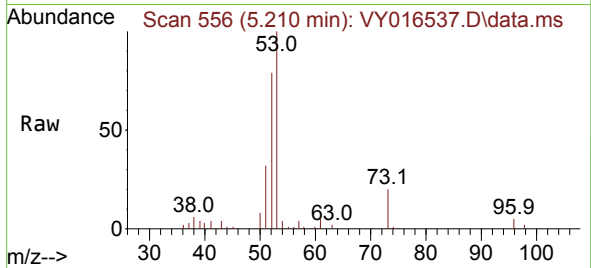




#15
Acrylonitrile
Concen: 108.543 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

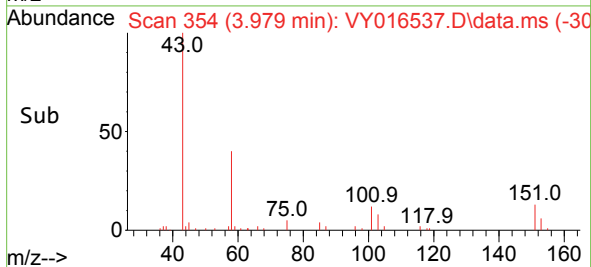
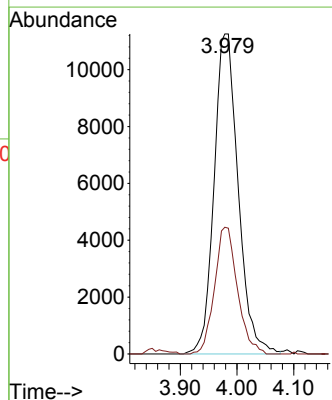
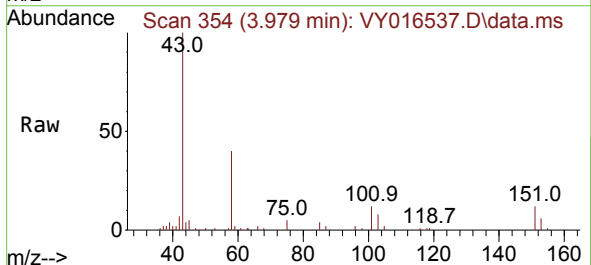
Instrument :
MSVOA_Y
ClientSampleId :

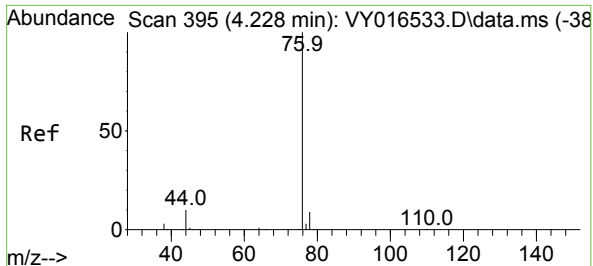
Tgt Ion: 53 Resp: 30603
Ion Ratio Lower Upper
53 100
52 80.2 66.9 100.3
51 35.0 29.8 44.6



#16
Acetone
Concen: 120.856 ug/l
RT: 3.979 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 43 Resp: 33278
Ion Ratio Lower Upper
43 100
58 39.6 22.7 34.1#





#17

Carbon Disulfide

Concen: 19.555 ug/l

RT: 4.235 min Scan# 396

Delta R.T. 0.006 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

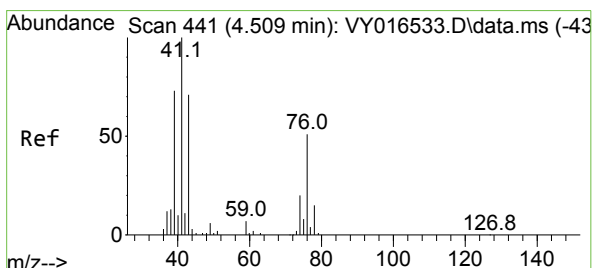
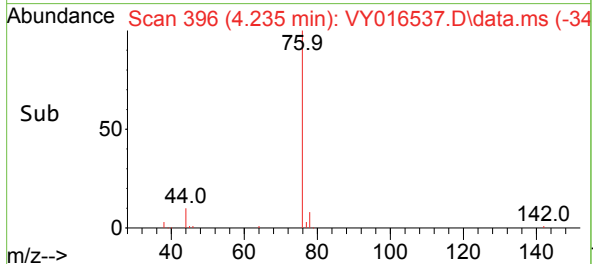
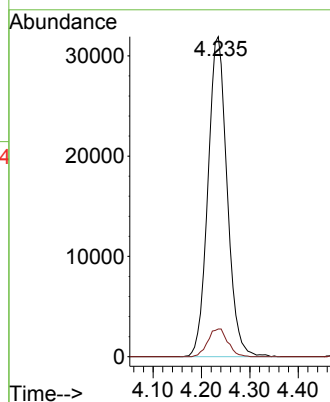
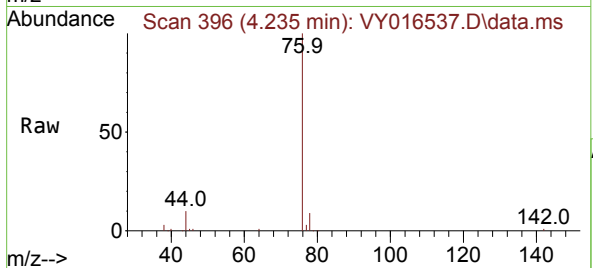
ClientSampleId :

Tgt Ion: 76 Resp: 87804

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



#18

Methyl Acetate

Concen: 21.159 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.006 min

Lab File: VY016537.D

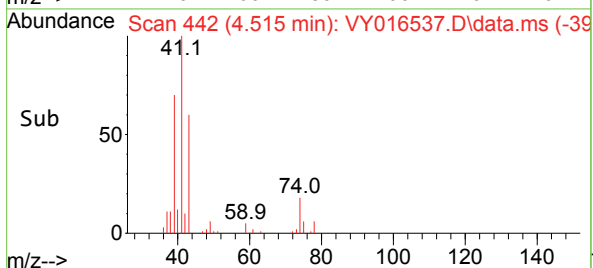
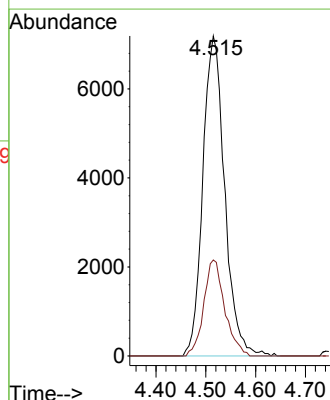
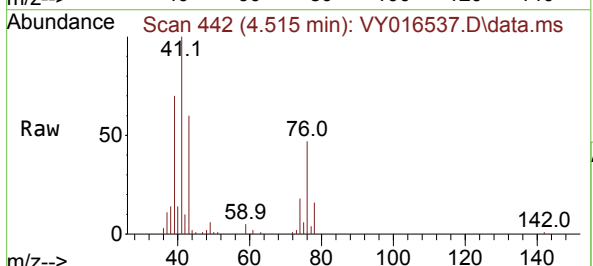
Acq: 29 Nov 2023 15:23

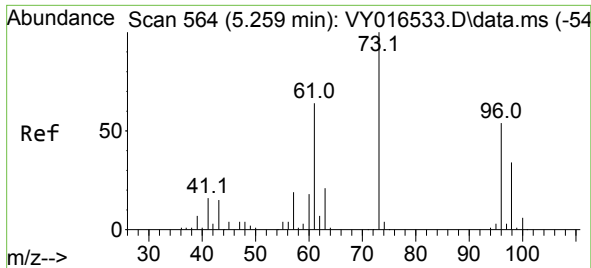
Tgt Ion: 43 Resp: 21861

Ion Ratio Lower Upper

43 100

74 28.8 17.4 26.0#

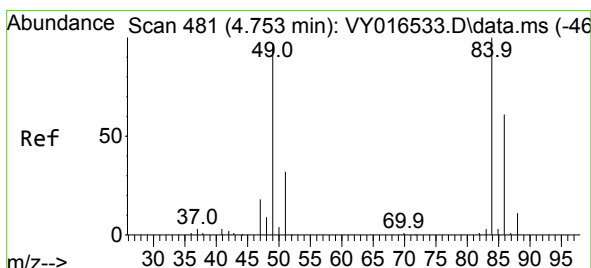
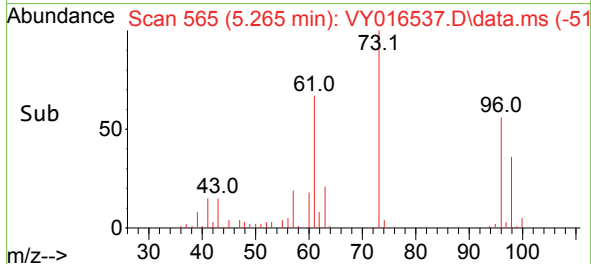
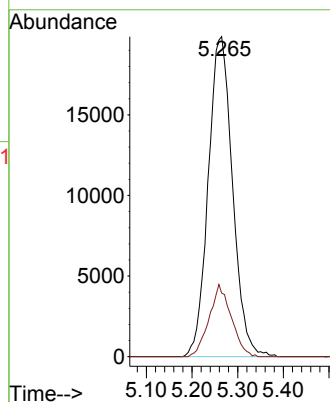
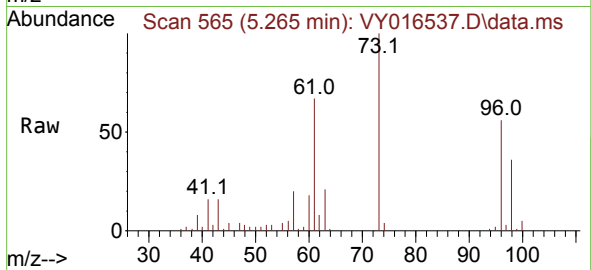




#19
Methyl tert-butyl Ether
Concen: 21.148 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

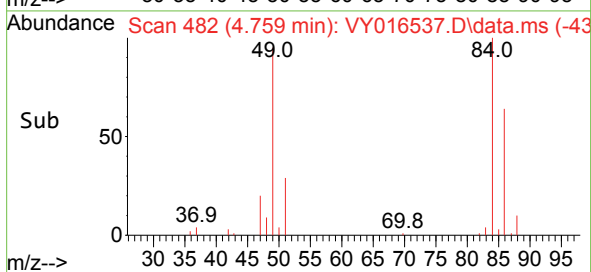
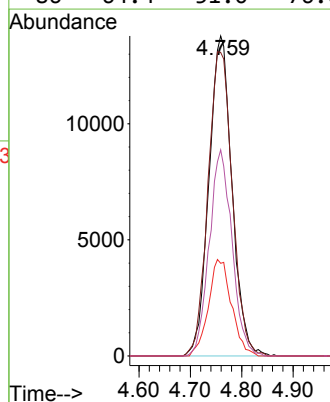
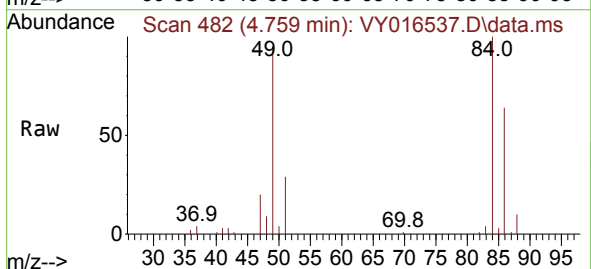
Instrument :
MSVOA_Y
ClientSampleId :

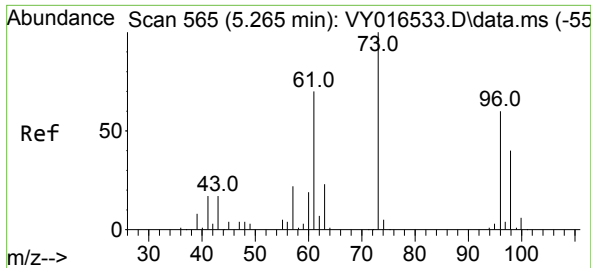
Tgt Ion: 73 Resp: 73344
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9



#20
Methylene Chloride
Concen: 24.940 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 84 Resp: 42907
Ion Ratio Lower Upper
84 100
49 94.9 106.9 160.3#
51 28.9 33.2 49.8#
86 64.4 51.0 76.6

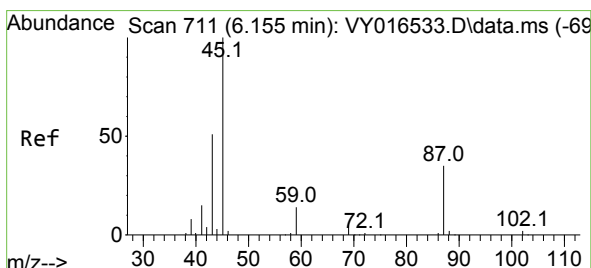
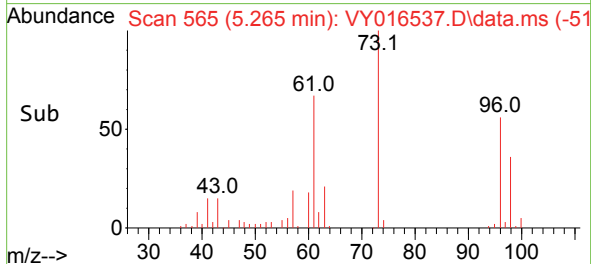
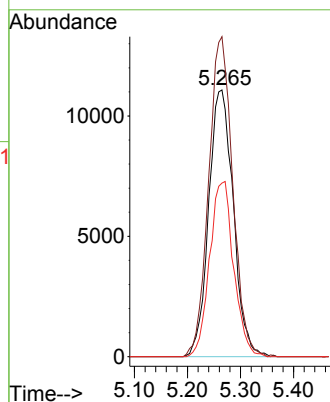
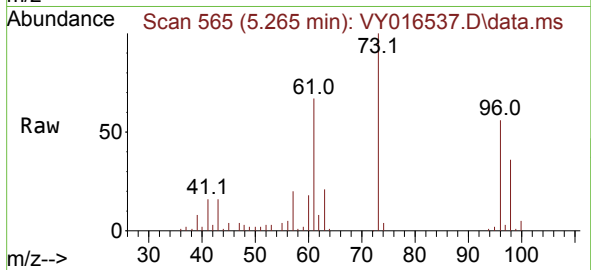




#21
trans-1,2-Dichloroethene
Concen: 20.169 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

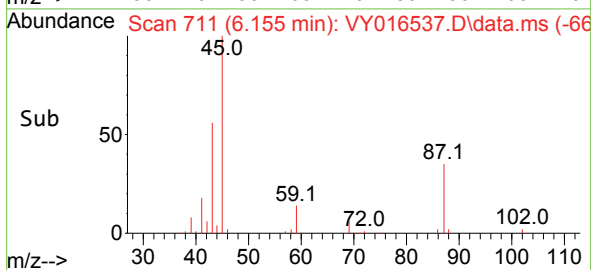
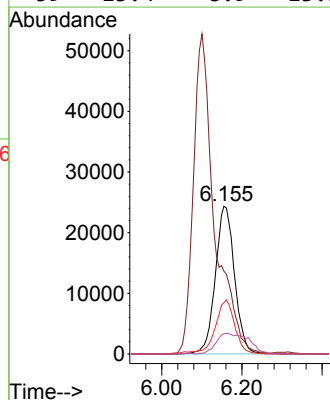
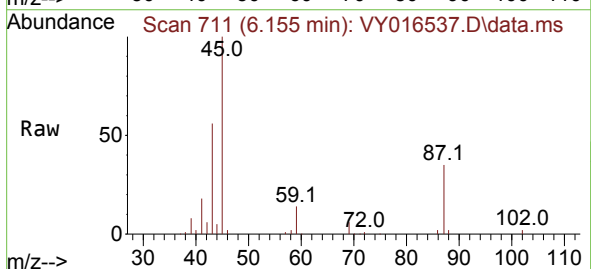
Instrument :
MSVOA_Y
ClientSampleId :

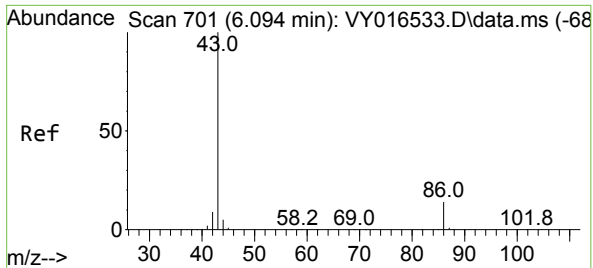
Tgt Ion: 96 Resp: 35751
Ion Ratio Lower Upper
96 100
61 120.0 110.2 165.4
98 65.1 51.8 77.6



#22
Diisopropyl ether
Concen: 21.090 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 45 Resp: 80909
Ion Ratio Lower Upper
45 100
43 55.0 52.2 78.4
87 34.7 21.0 31.6#
59 13.4 8.9 13.3#

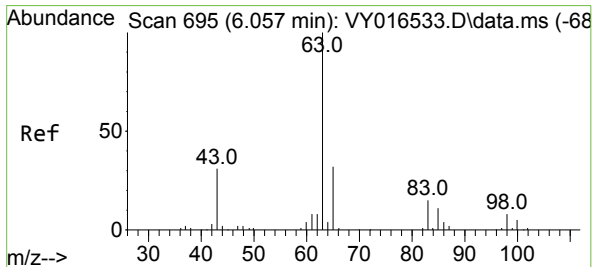
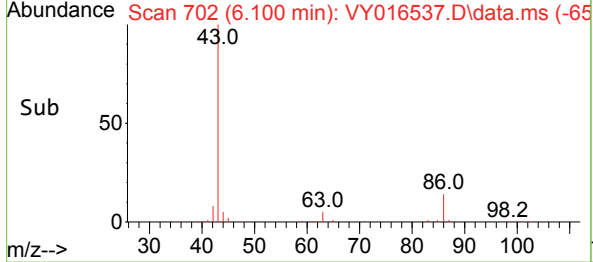
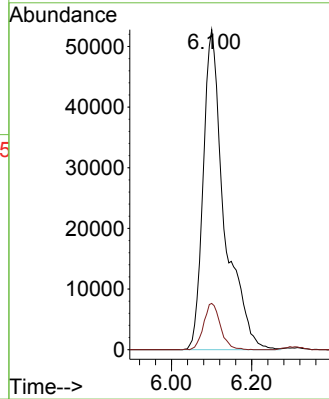
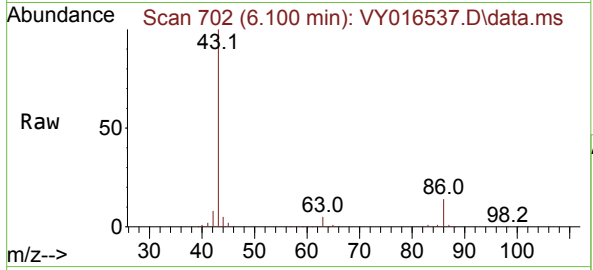




#23
 Vinyl Acetate
 Concen: 109.354 ug/l
 RT: 6.100 min Scan# 701
 Delta R.T. 0.006 min
 Lab File: VY016537.D
 Acq: 29 Nov 2023 15:23

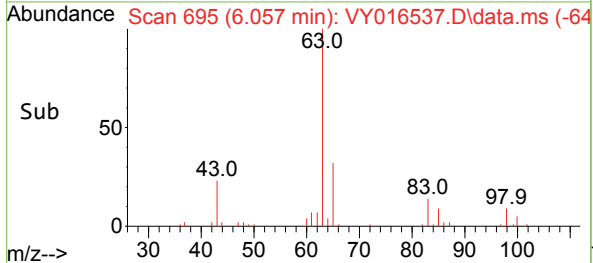
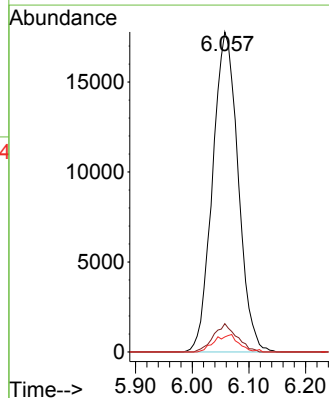
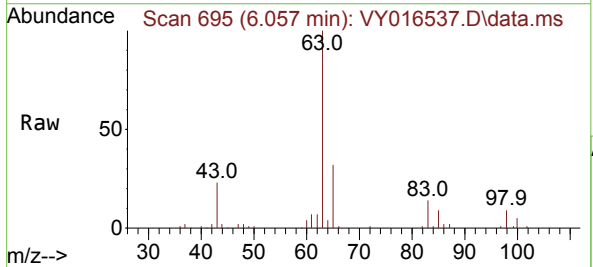
Instrument :
 MSVOA_Y
 ClientSampleId :

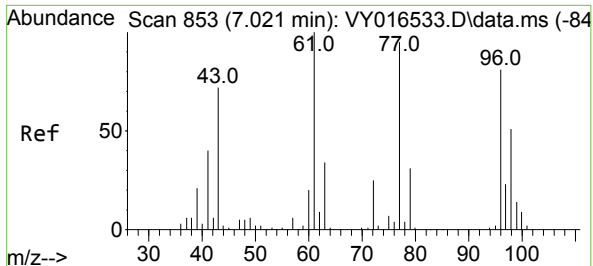
Tgt Ion: 43 Resp: 193461
 Ion Ratio Lower Upper
 43 100
 86 14.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.546 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY016537.D
 Acq: 29 Nov 2023 15:23

Tgt Ion: 63 Resp: 55625
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.1 9.4
 100 4.7 1.8 5.5

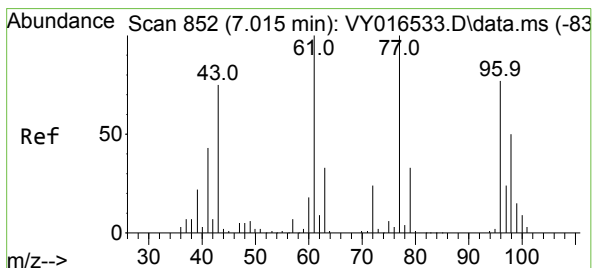
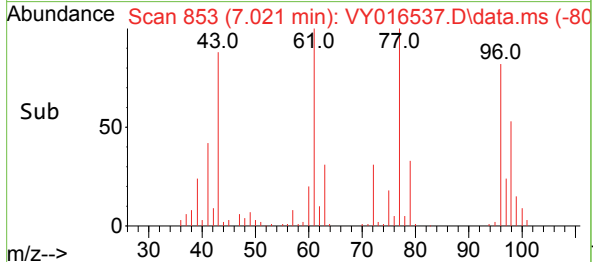
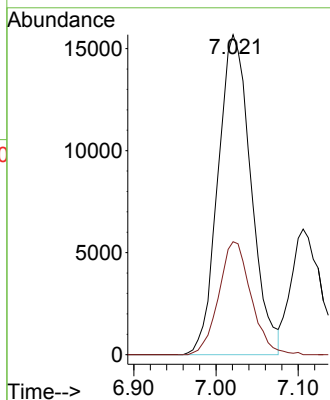
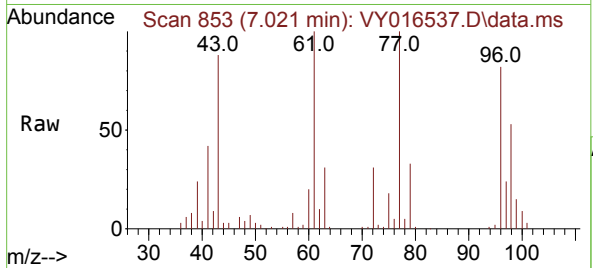




#25
2-Butanone
Concen: 116.407 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

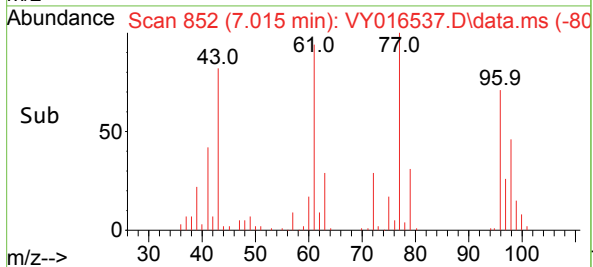
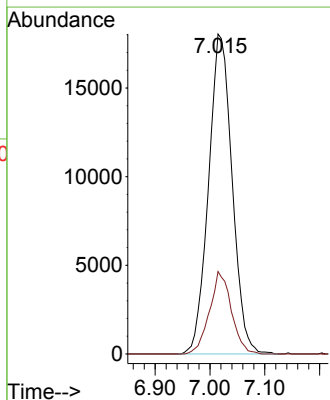
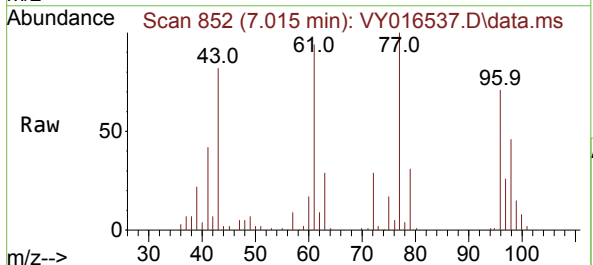
Instrument :
MSVOA_Y
ClientSampleId :

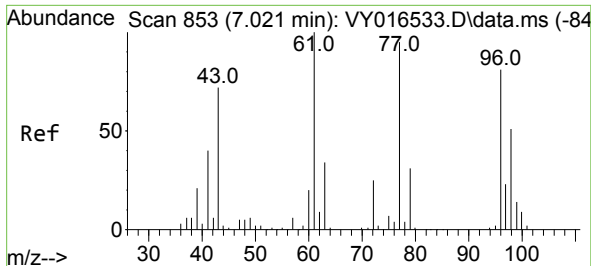
Tgt Ion: 43 Resp: 43838
Ion Ratio Lower Upper
43 100
72 35.3 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 20.162 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 77 Resp: 53951
Ion Ratio Lower Upper
77 100
97 23.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.765 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

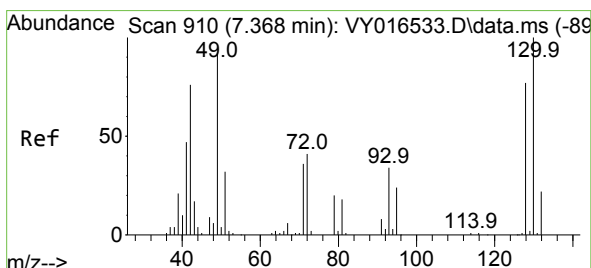
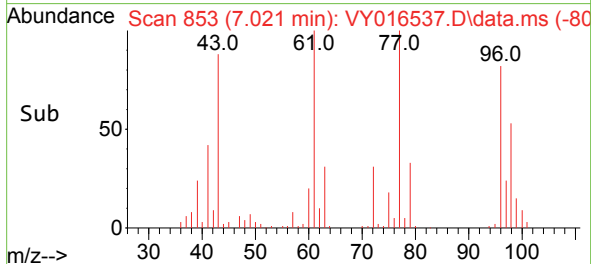
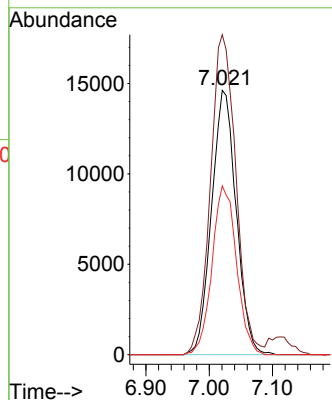
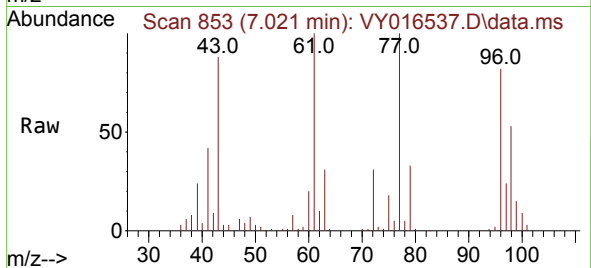
Tgt Ion: 96 Resp: 39544

Ion Ratio Lower Upper

96 100

61 125.0 0.0 301.4

98 63.2 0.0 130.4



#28

Bromochloromethane

Concen: 20.933 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

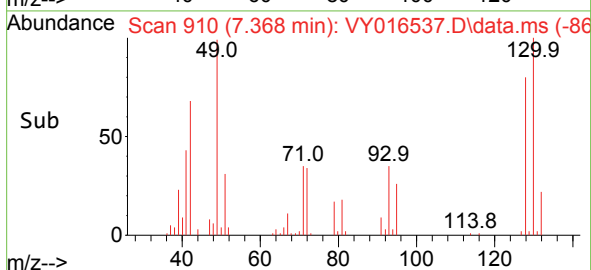
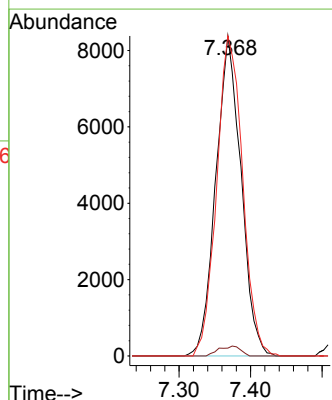
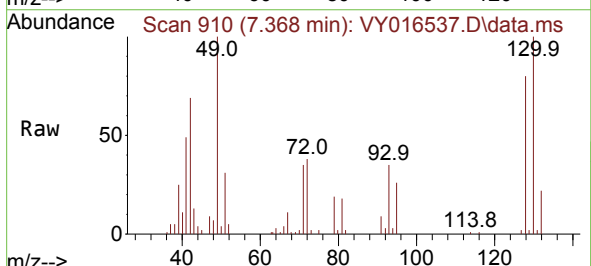
Tgt Ion: 49 Resp: 20482

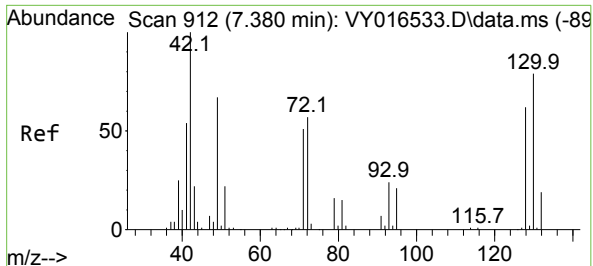
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 102.9 60.7 91.1#





#29

Tetrahydrofuran

Concen: 110.785 ug/l

RT: 7.386 min Scan# 912

Delta R.T. 0.006 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

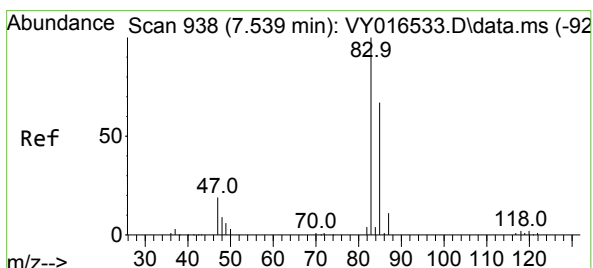
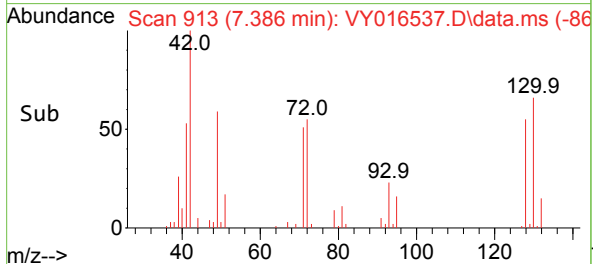
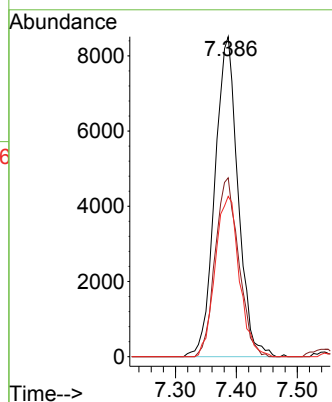
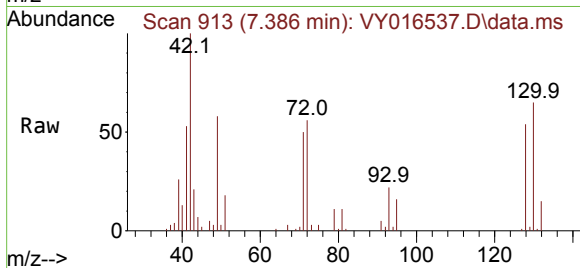
Tgt Ion: 42 Resp: 22413

Ion Ratio Lower Upper

42 100

72 57.0 32.8 49.2#

71 52.2 31.0 46.4#



#30

Chloroform

Concen: 20.283 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.000 min

Lab File: VY016537.D

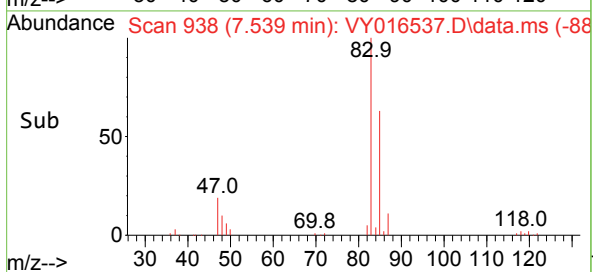
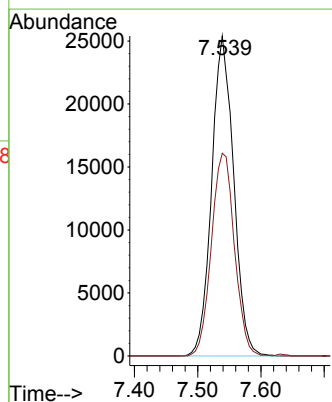
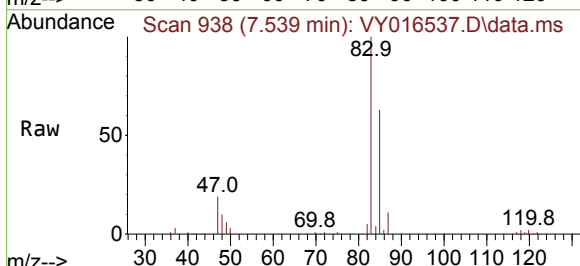
Acq: 29 Nov 2023 15:23

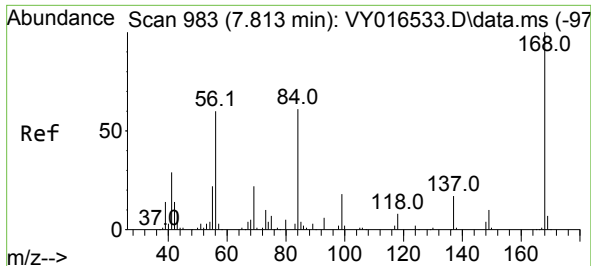
Tgt Ion: 83 Resp: 61205

Ion Ratio Lower Upper

83 100

85 63.3 49.7 74.5

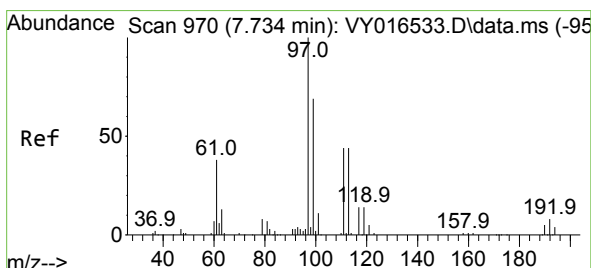
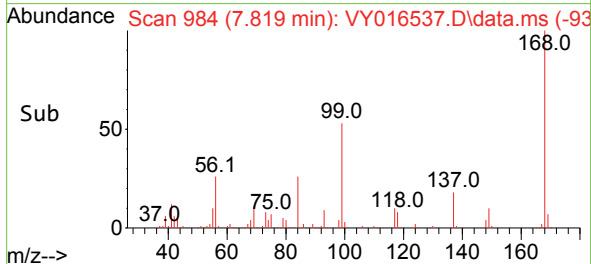
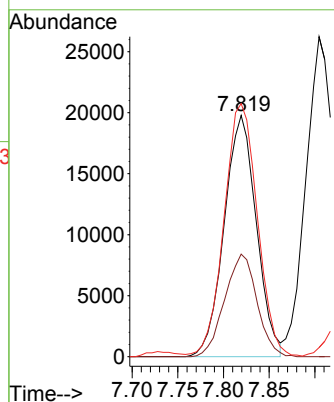
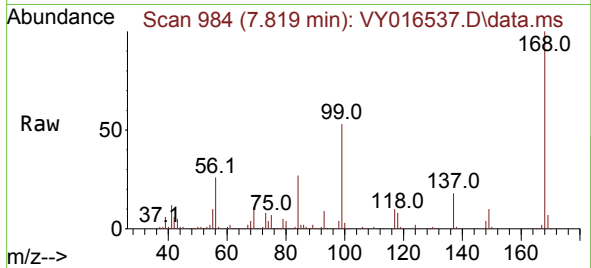




#31
Cyclohexane
Concen: 19.770 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

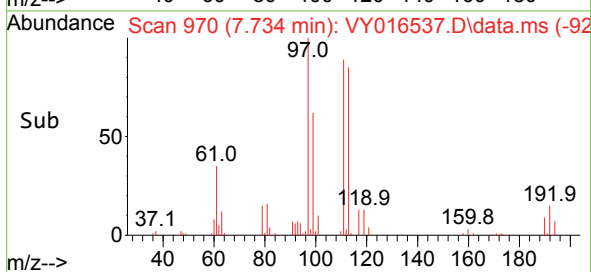
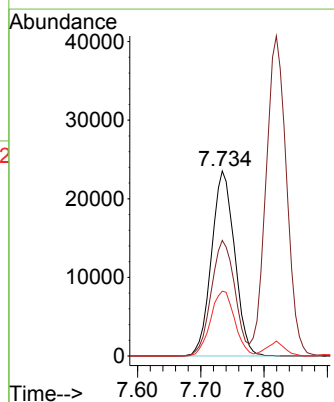
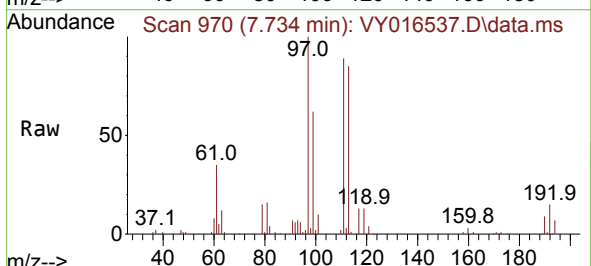
Instrument :
MSVOA_Y
ClientSampleId :

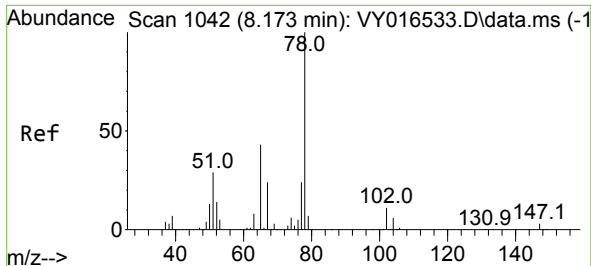
Tgt Ion: 56 Resp: 48445
Ion Ratio Lower Upper
56 100
69 42.5 27.8 41.6#
84 103.8 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.404 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 97 Resp: 59665
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 36.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.257 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

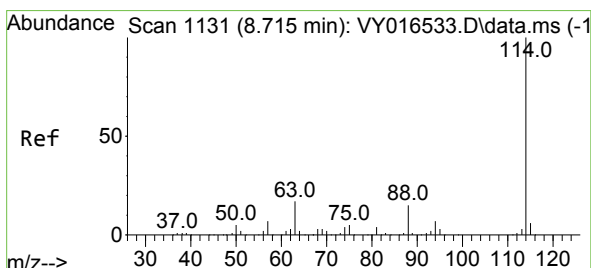
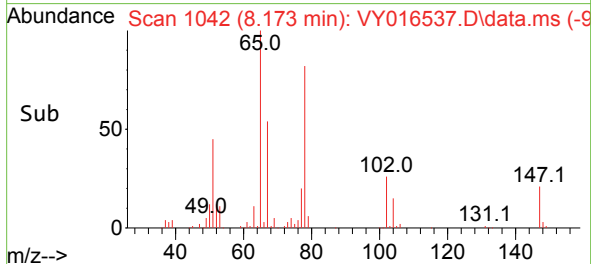
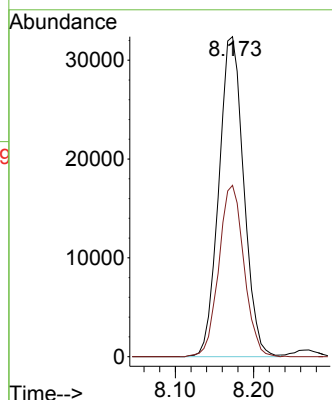
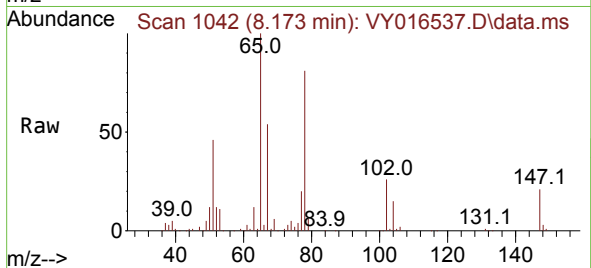
ClientSampleId :

Tgt Ion: 65 Resp: 71545

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

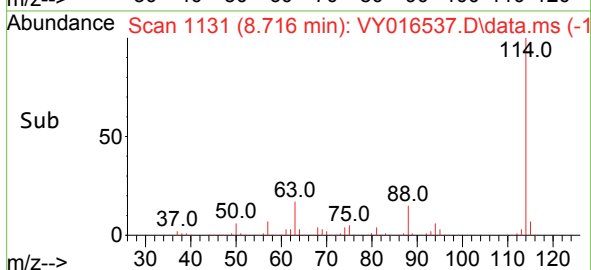
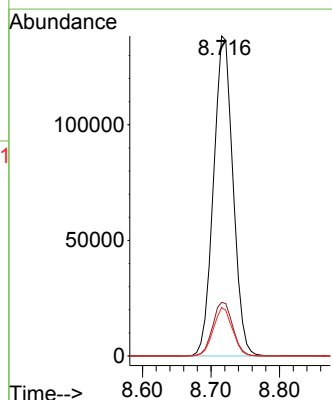
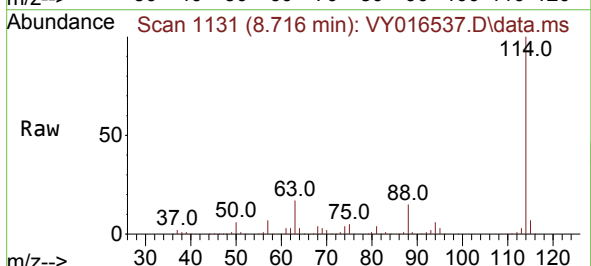
Tgt Ion: 114 Resp: 273441

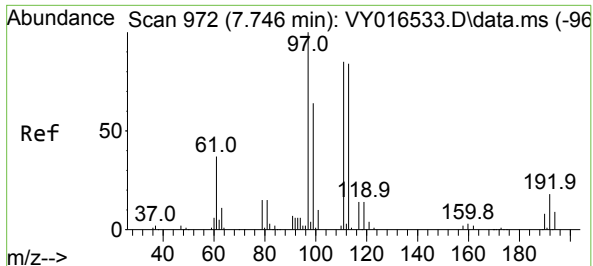
Ion Ratio Lower Upper

114 100

63 16.8 0.0 42.4

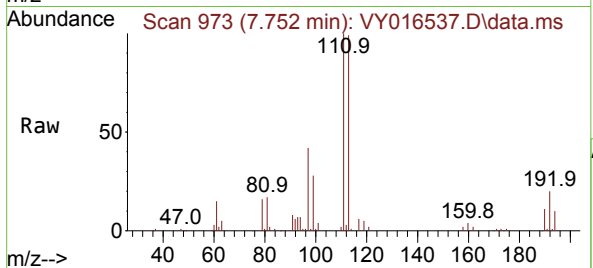
88 15.2 0.0 30.6



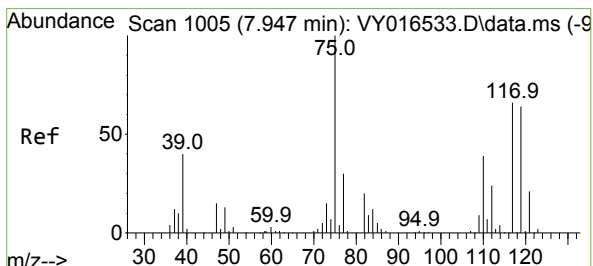
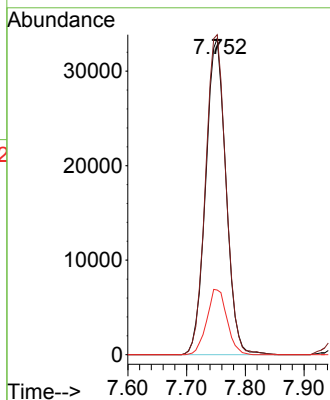
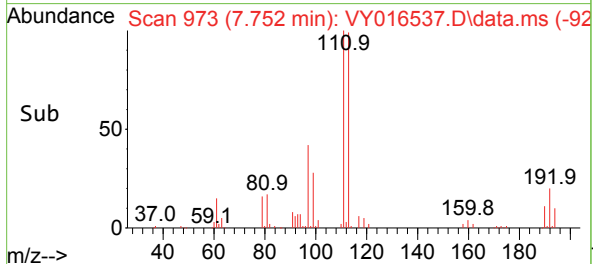


#35
Dibromofluoromethane
Concen: 49.878 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

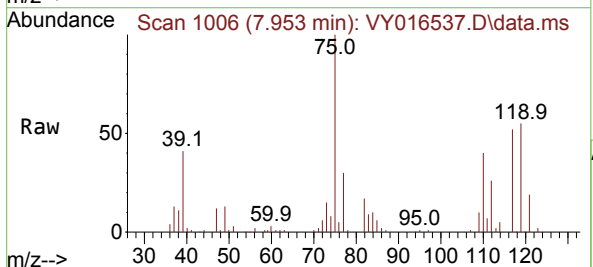
Instrument :
MSVOA_Y
ClientSampleId :



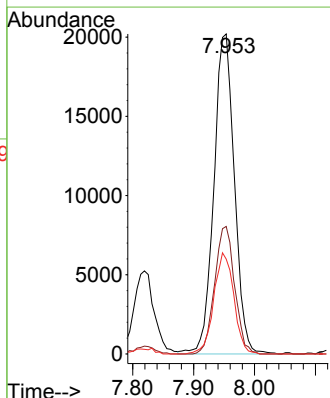
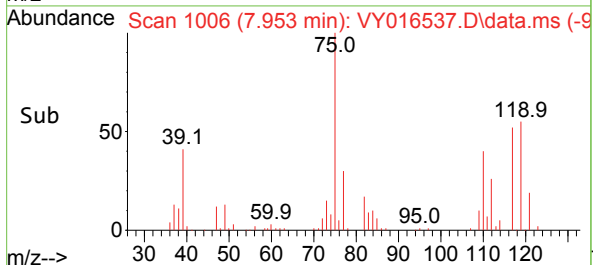
Tgt Ion:113 Resp: 80047
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 20.6 16.9 25.3

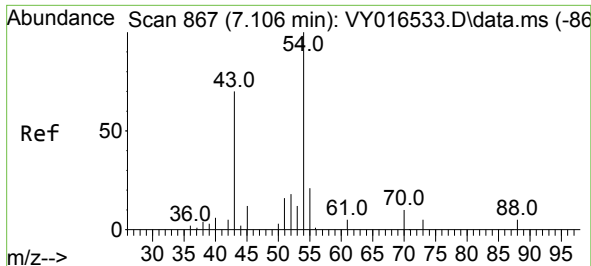


#36
1,1-Dichloropropene
Concen: 20.010 ug/l
RT: 7.953 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23



Tgt Ion: 75 Resp: 47421
Ion Ratio Lower Upper
75 100
110 38.7 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 21.999 ug/l

RT: 7.106 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY016537.D

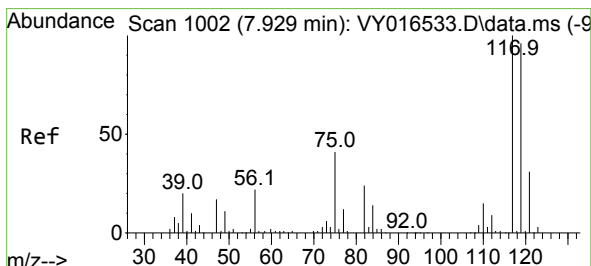
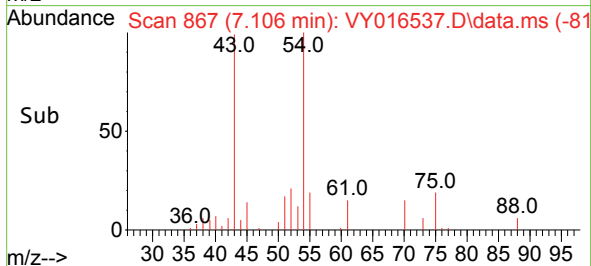
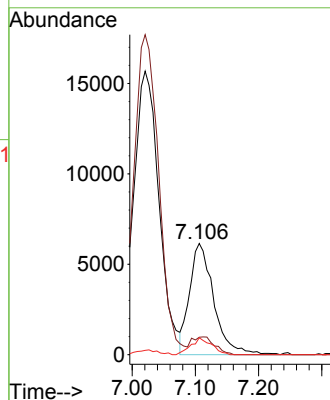
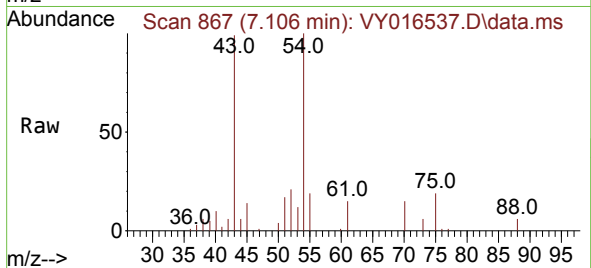
Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	16340
Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.1	15.1
70	12.9	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 19.929 ug/l

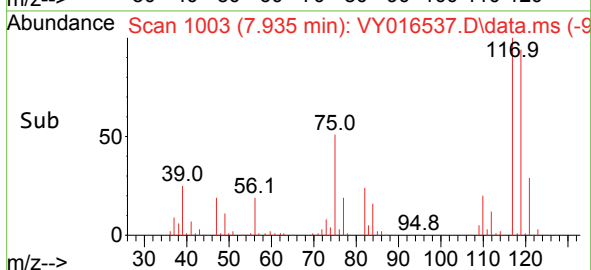
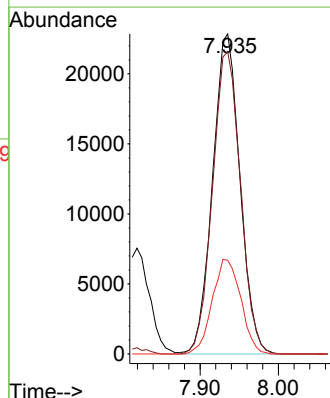
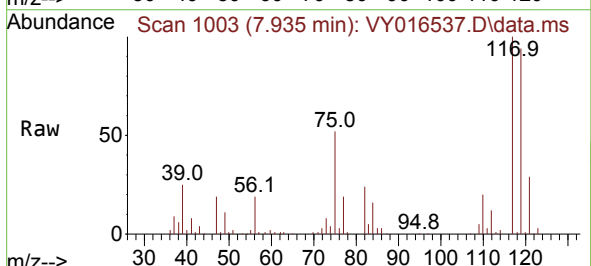
RT: 7.935 min Scan# 1003

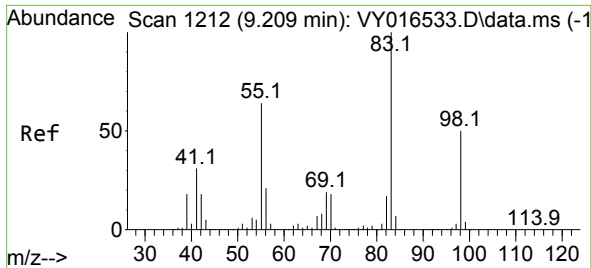
Delta R.T. 0.006 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Tgt Ion:	117	Resp:	55432
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.4	114.6
121	29.3	25.8	38.6

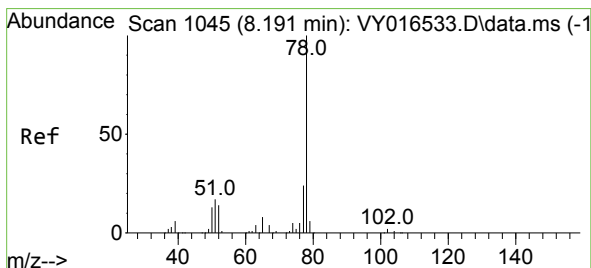
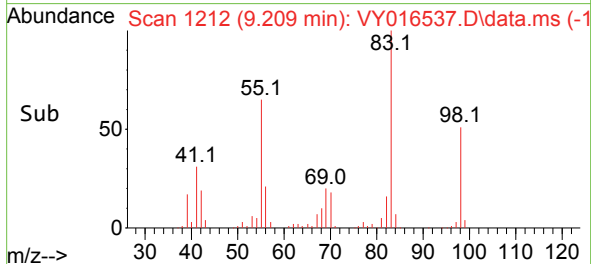
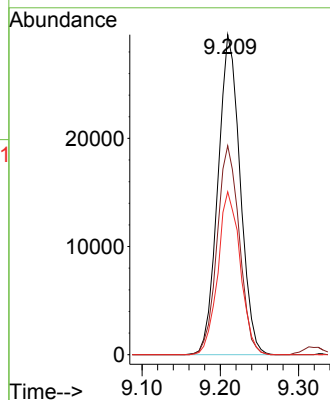
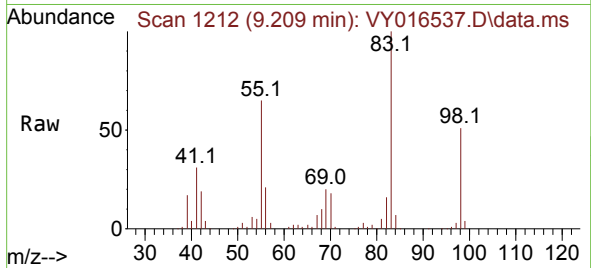




#39
Methylcyclohexane
Concen: 19.693 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

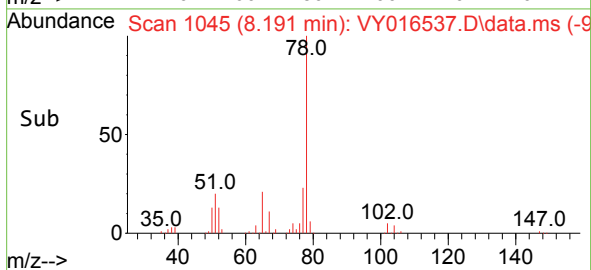
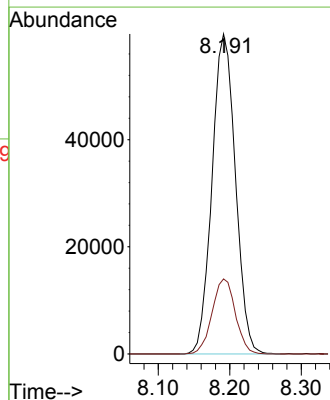
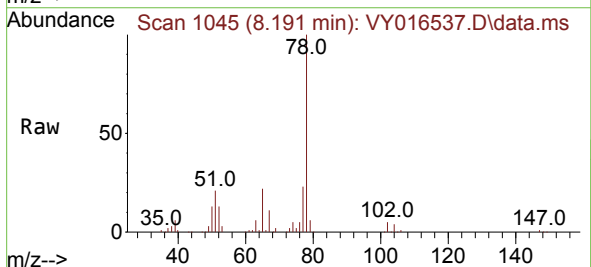
Instrument :
MSVOA_Y
ClientSampleId :

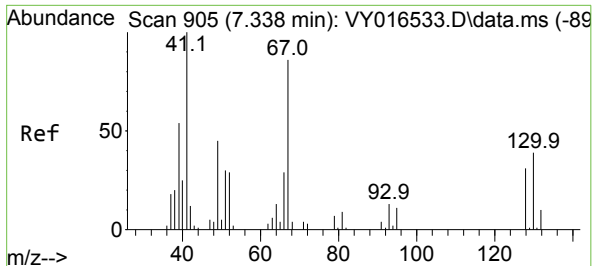
Tgt Ion: 83 Resp: 58212
Ion Ratio Lower Upper
83 100
55 65.3 63.0 94.4
98 50.9 37.4 56.2



#40
Benzene
Concen: 20.178 ug/l
RT: 8.191 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

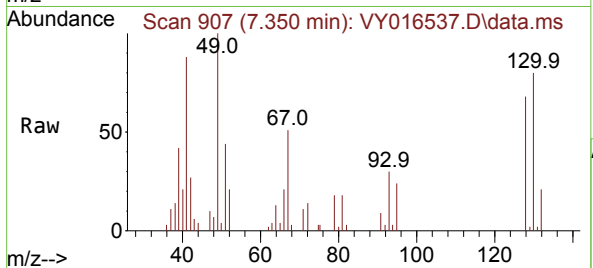
Tgt Ion: 78 Resp: 135586
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6



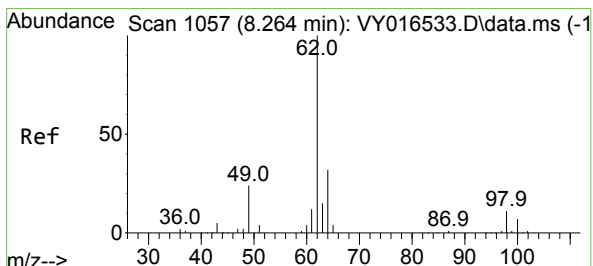
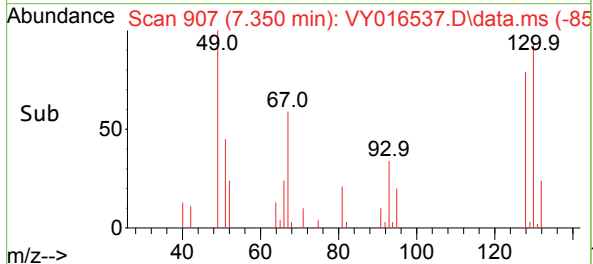
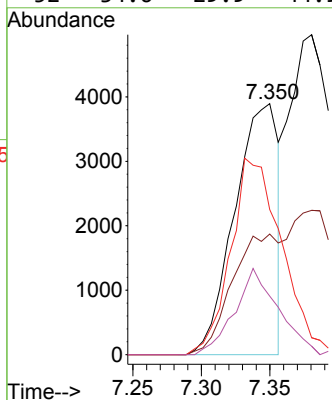


#41
Methacrylonitrile
Concen: 22.074 ug/l
RT: 7.350 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :

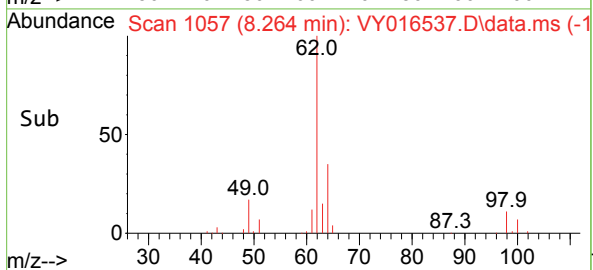
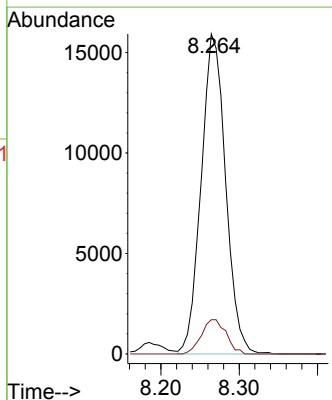
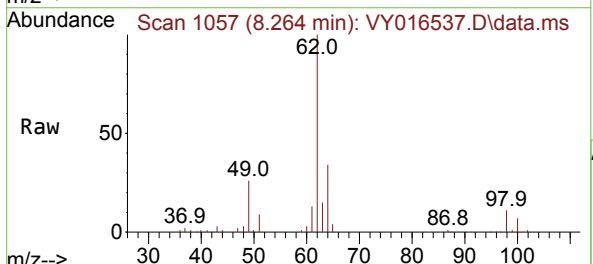


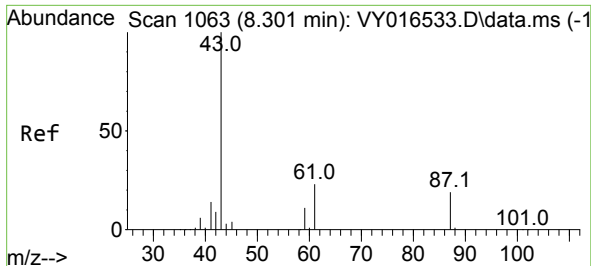
Tgt Ion: 41 Resp: 8637
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 91.9 66.2 99.2
52 34.6 29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.723 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 62 Resp: 34506
Ion Ratio Lower Upper
62 100
98 10.9 0.0 15.8

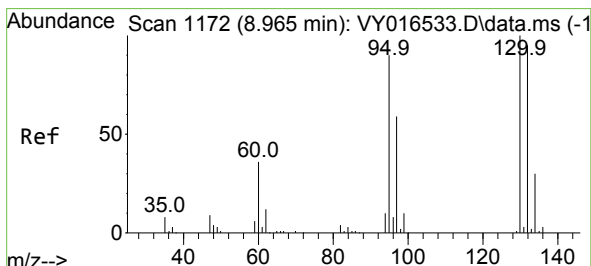
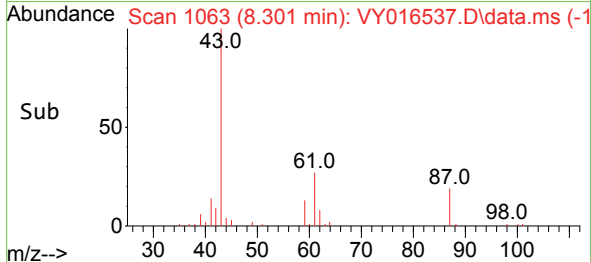
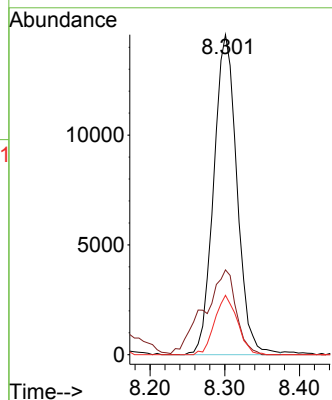
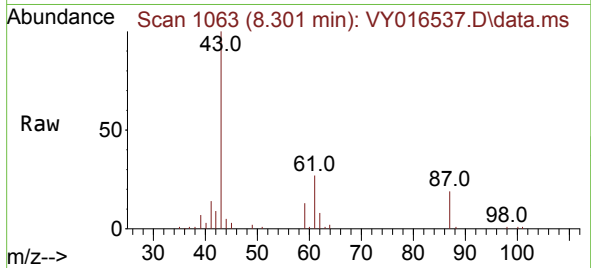




#43
Isopropyl Acetate
Concen: 21.561 ug/l
RT: 8.301 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

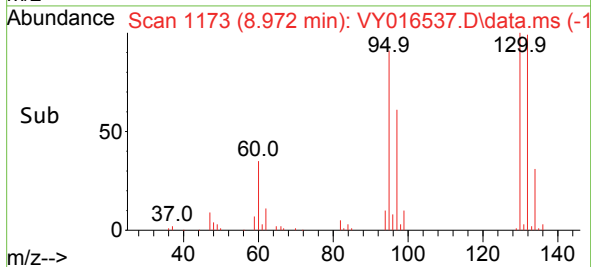
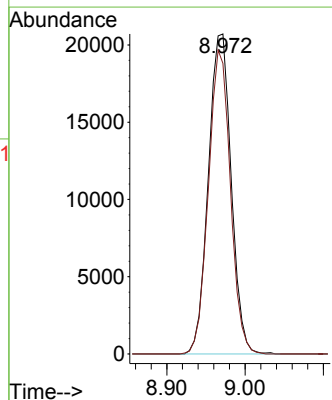
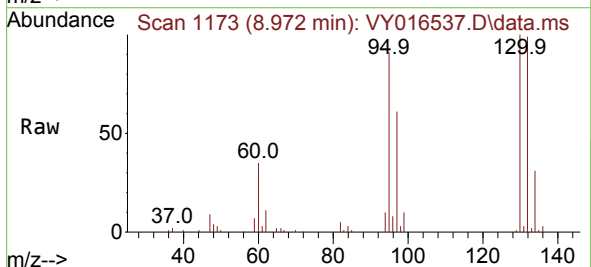
Instrument :
MSVOA_Y
ClientSampleId :

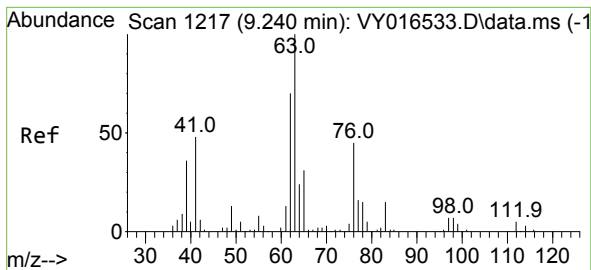
Tgt Ion: 43 Resp: 31492
Ion Ratio Lower Upper
43 100
61 36.5 21.1 31.7#
87 18.1 9.8 14.8#



#44
Trichloroethene
Concen: 20.261 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion:130 Resp: 41933
Ion Ratio Lower Upper
130 100
95 90.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.108 ug/l

RT: 9.240 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

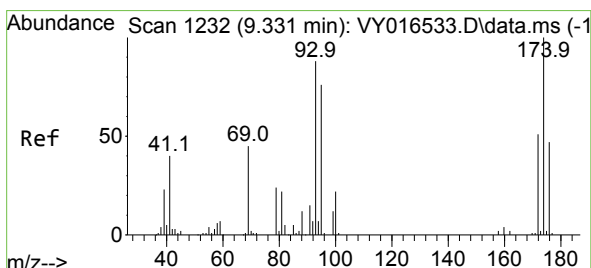
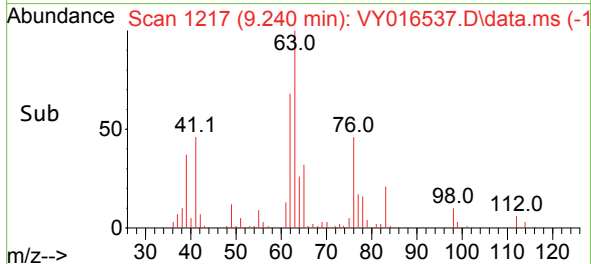
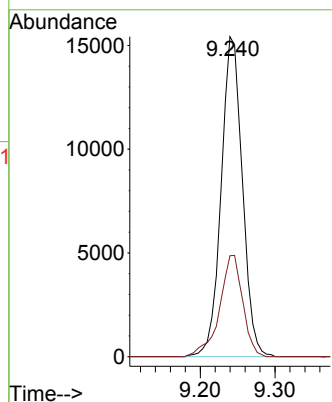
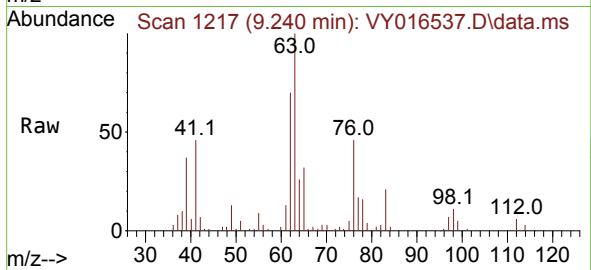
ClientSampleId :

Tgt Ion: 63 Resp: 30488

Ion Ratio Lower Upper

63 100

65 31.5 23.8 35.6



#46

Dibromomethane

Concen: 20.840 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

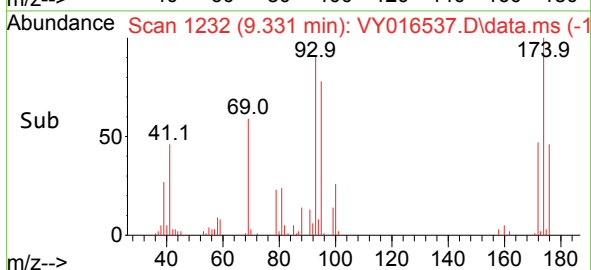
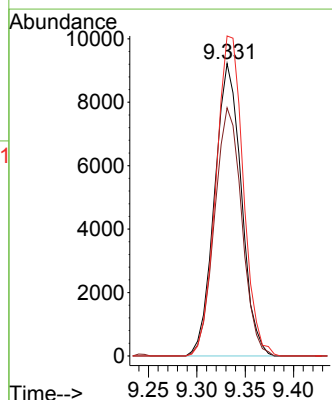
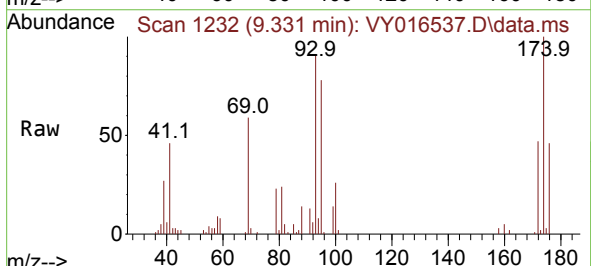
Tgt Ion: 93 Resp: 17768

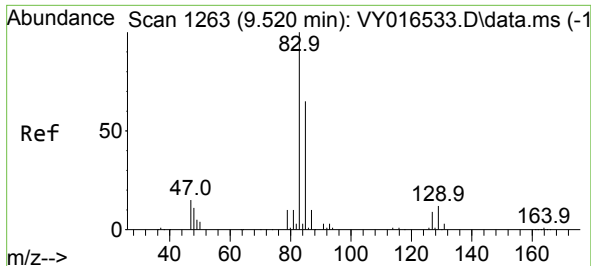
Ion Ratio Lower Upper

93 100

95 86.0 66.6 100.0

174 111.4 84.8 127.2

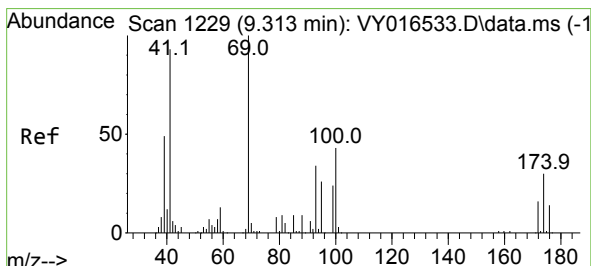
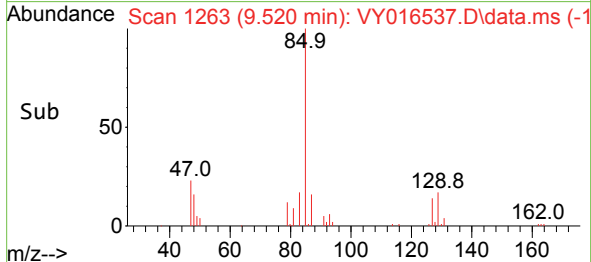
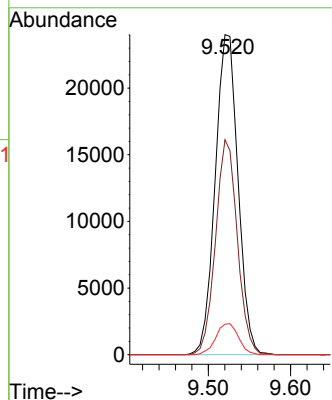
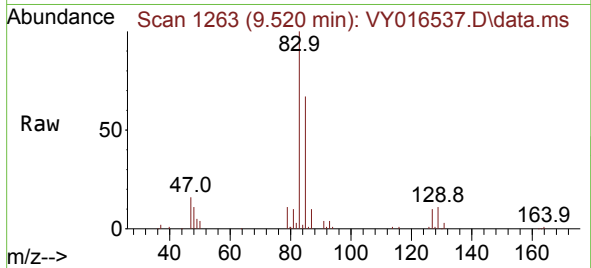




#47
Bromodichloromethane
Concen: 20.534 ug/l
RT: 9.520 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

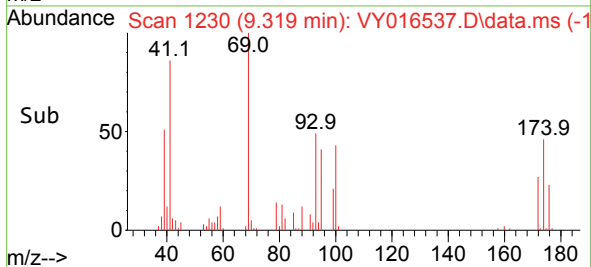
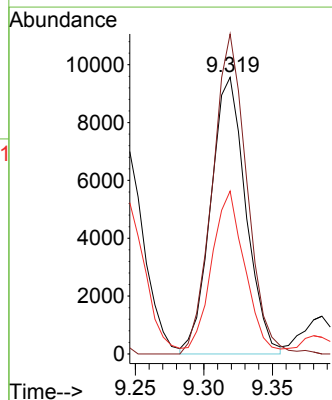
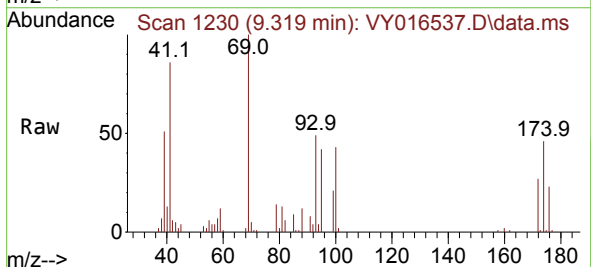
Instrument :
MSVOA_Y
ClientSampleId :

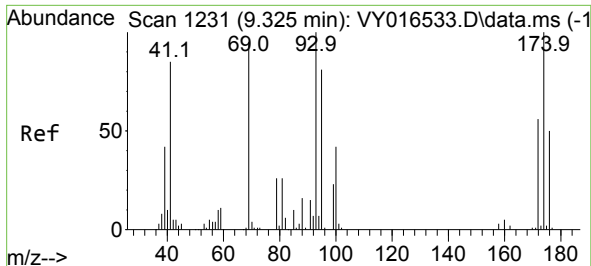
Tgt Ion: 83 Resp: 46221
Ion Ratio Lower Upper
83 100
85 67.1 50.1 75.1
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 20.777 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 41 Resp: 17037
Ion Ratio Lower Upper
41 100
69 113.3 64.5 96.7#
39 52.5 50.8 76.2





#49

1,4-Dioxane

Concen: 456.694 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

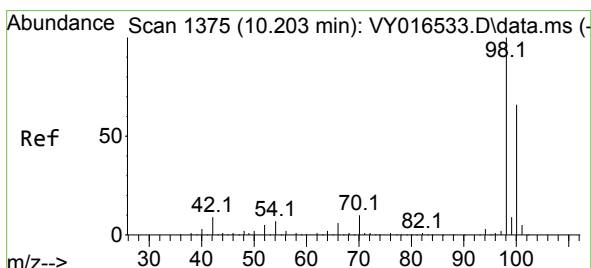
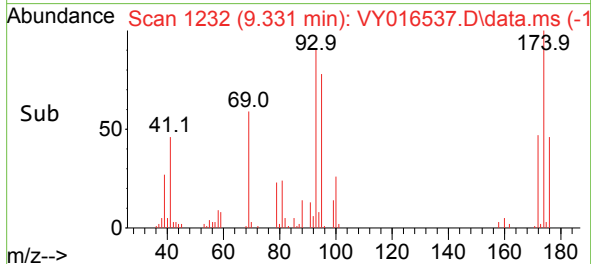
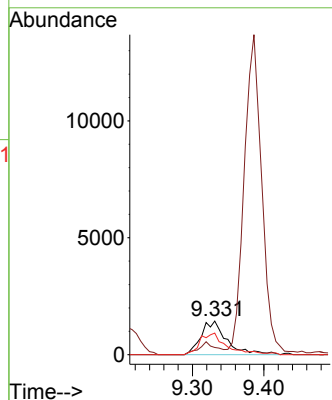
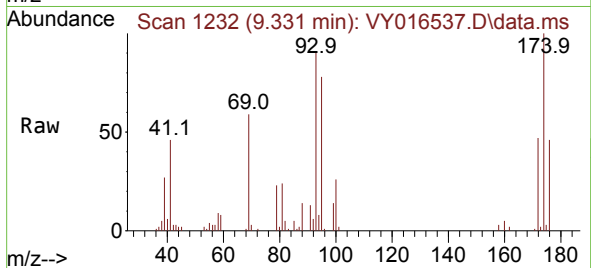
Tgt Ion: 88 Resp: 3609

Ion Ratio Lower Upper

88 100

43 25.8 0.0 0.0#

58 66.7 30.9 46.3#



#50

Toluene-d8

Concen: 49.667 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY016537.D

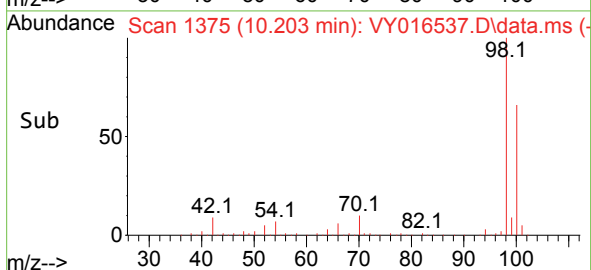
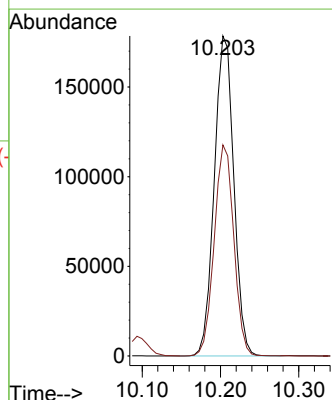
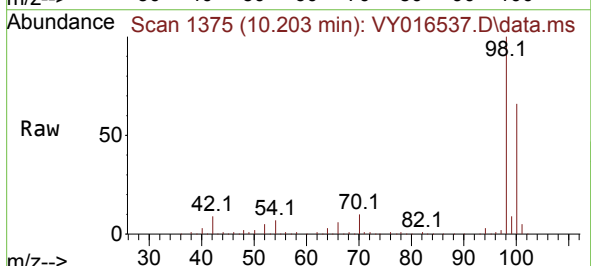
Acq: 29 Nov 2023 15:23

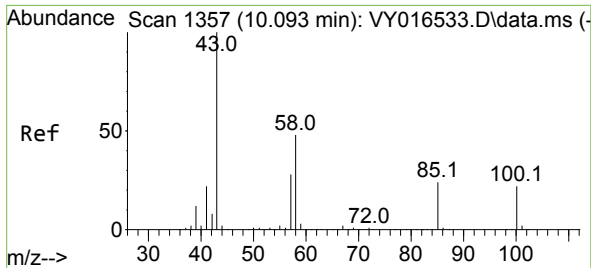
Tgt Ion: 98 Resp: 309150

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1

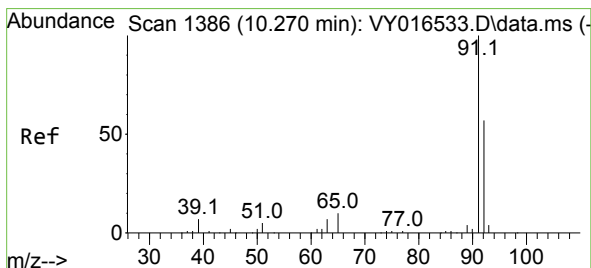
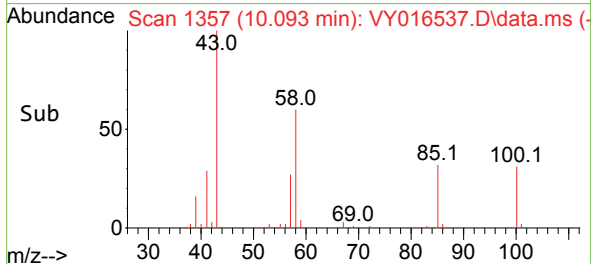
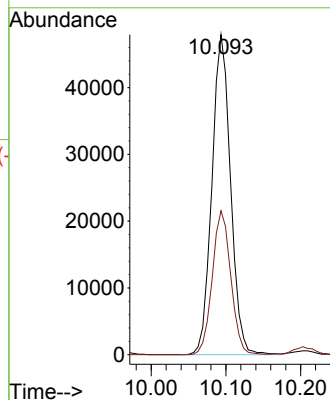
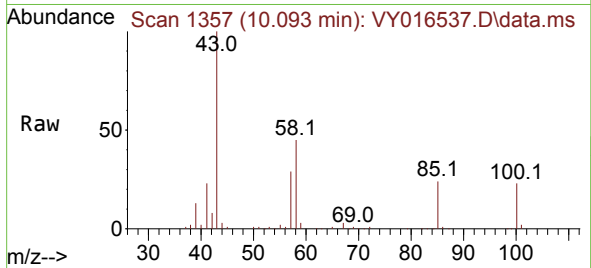




#51
4-Methyl-2-Pentanone
Concen: 109.257 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

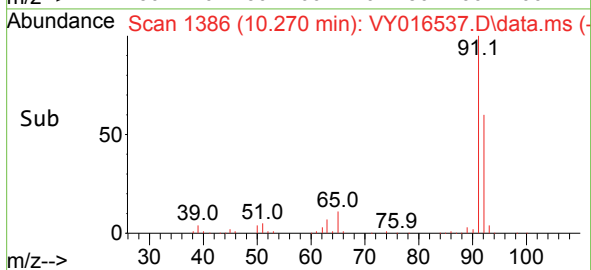
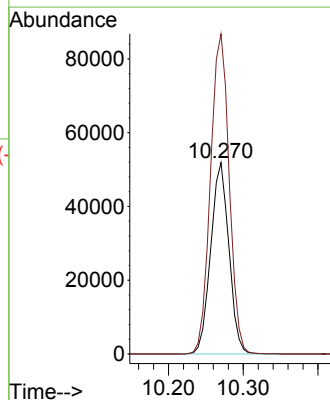
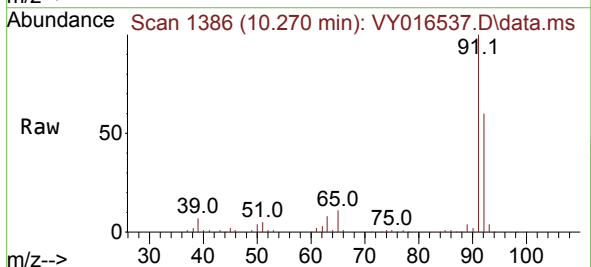
Instrument :
MSVOA_Y
ClientSampleId :

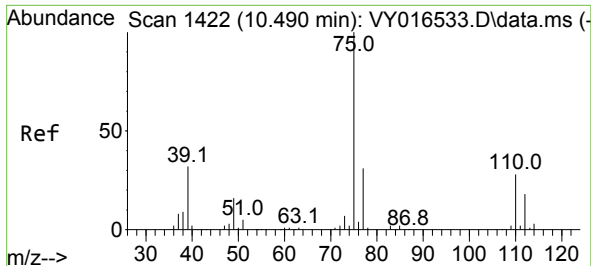
Tgt Ion: 43 Resp: 83250
Ion Ratio Lower Upper
43 100
58 44.7 29.0 43.6#



#52
Toluene
Concen: 20.342 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 92 Resp: 87807
Ion Ratio Lower Upper
92 100
91 172.1 143.8 215.6

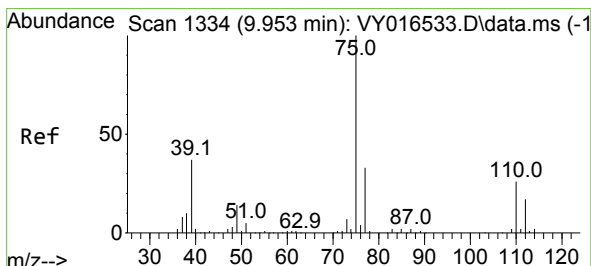
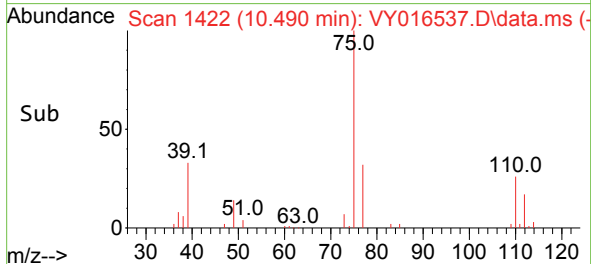
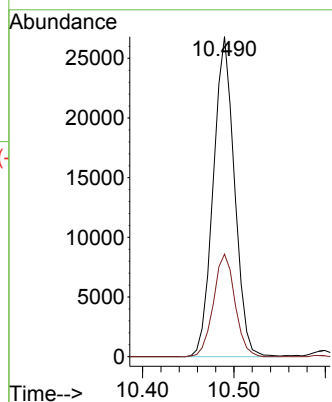
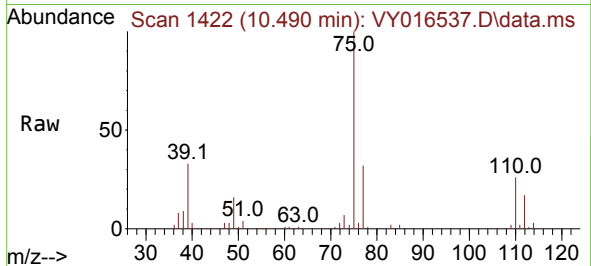




#53
 t-1,3-Dichloropropene
 Concen: 20.694 ug/l
 RT: 10.490 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY016537.D
 Acq: 29 Nov 2023 15:23

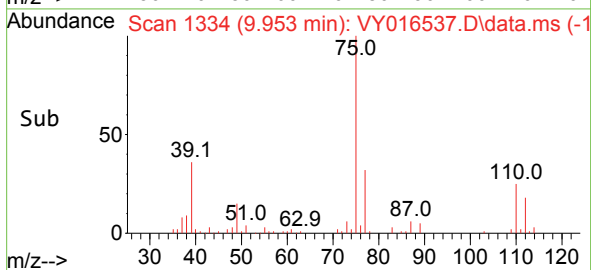
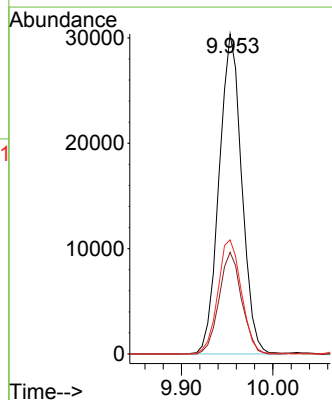
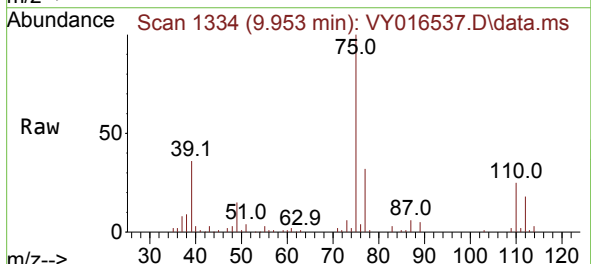
Instrument :
 MSVOA_Y
 ClientSampleId :

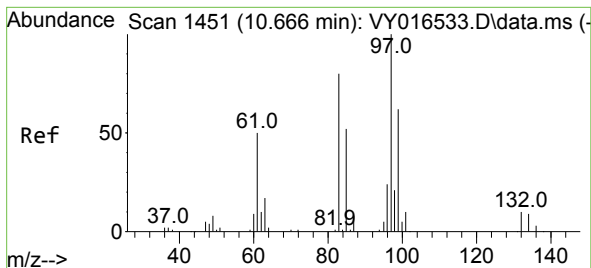
Tgt Ion: 75 Resp: 43165
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.678 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY016537.D
 Acq: 29 Nov 2023 15:23

Tgt Ion: 75 Resp: 52265
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 35.6 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 21.239 ug/l

RT: 10.666 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 26129

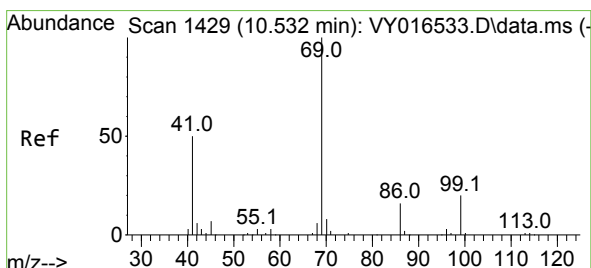
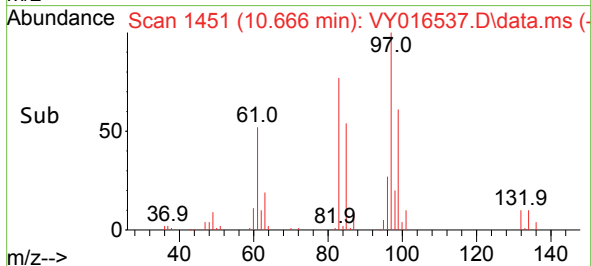
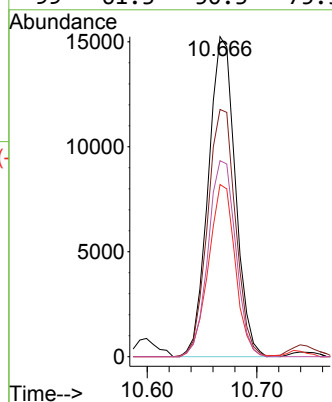
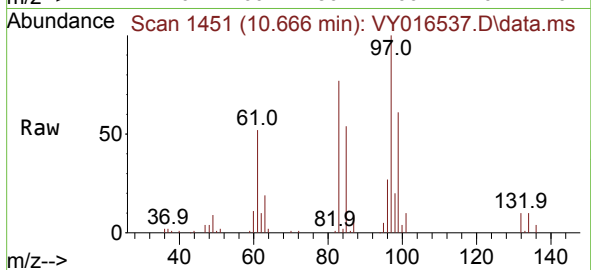
Ion Ratio Lower Upper

97 100

83 76.9 72.0 108.0

85 53.8 45.4 68.0

99 61.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.482 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

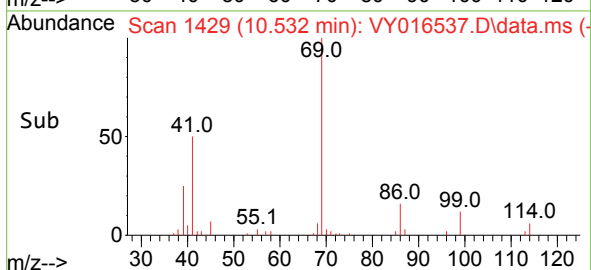
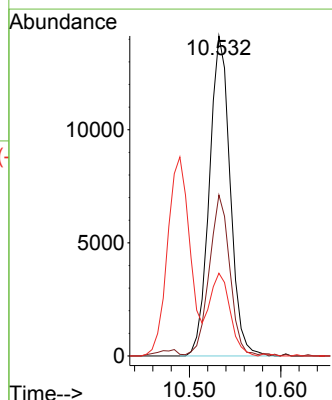
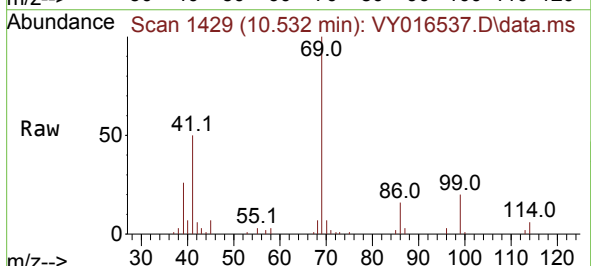
Tgt Ion: 69 Resp: 22365

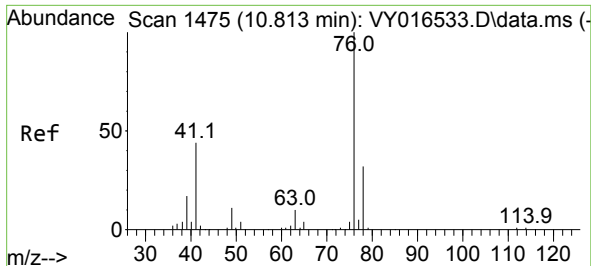
Ion Ratio Lower Upper

69 100

41 50.0 57.6 86.4#

39 25.4 34.1 51.1#

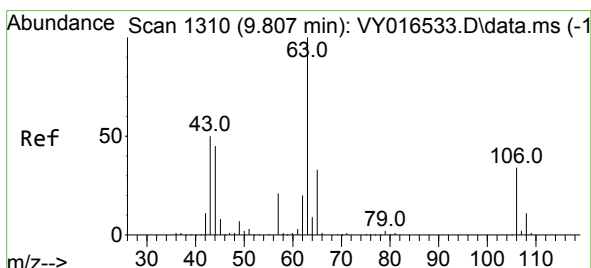
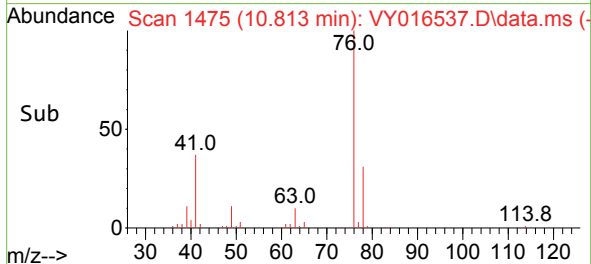
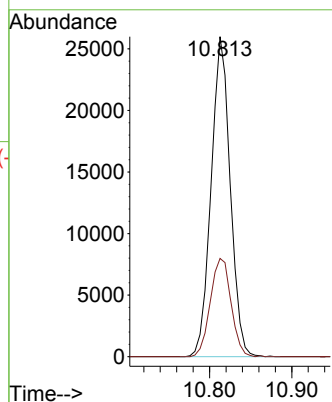
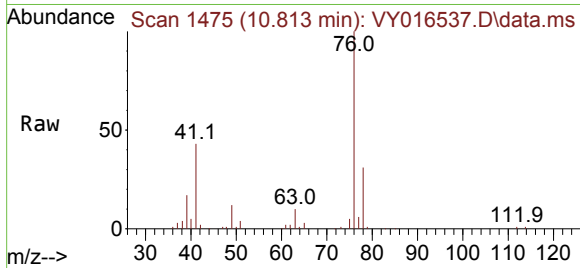




#57
1,3-Dichloropropane
Concen: 21.120 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

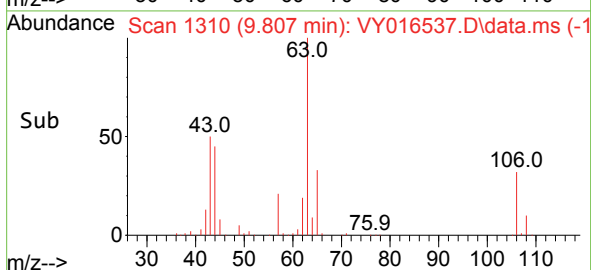
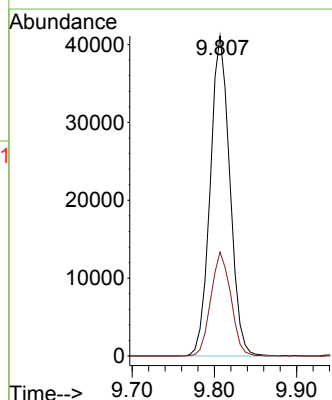
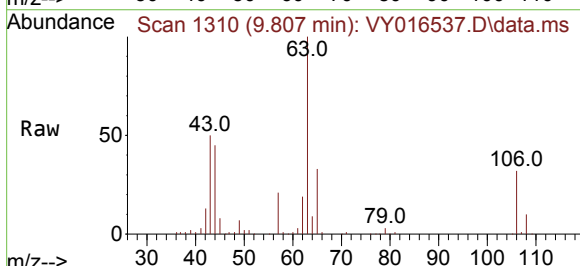
Instrument :
MSVOA_Y
ClientSampleId :

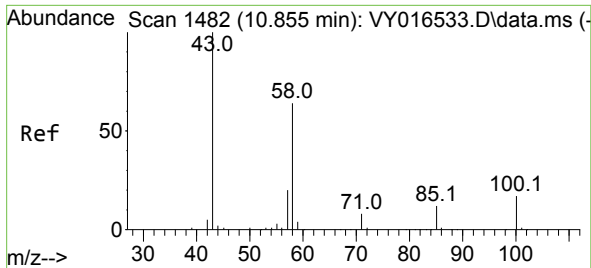
Tgt Ion: 76 Resp: 41852
Ion Ratio Lower Upper
76 100
78 33.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 105.844 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 63 Resp: 68142
Ion Ratio Lower Upper
63 100
106 33.0 21.2 31.8#

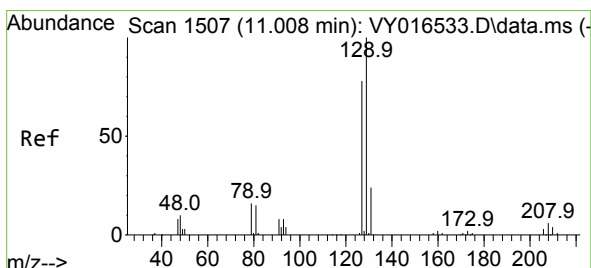
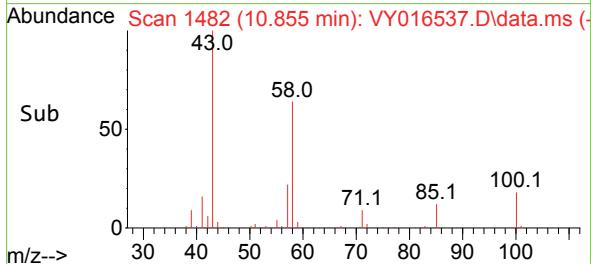
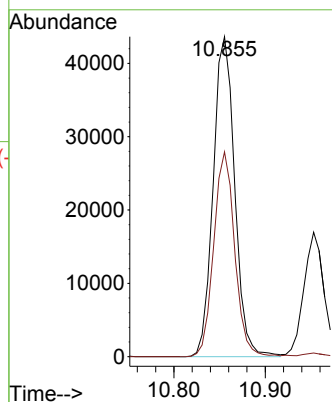
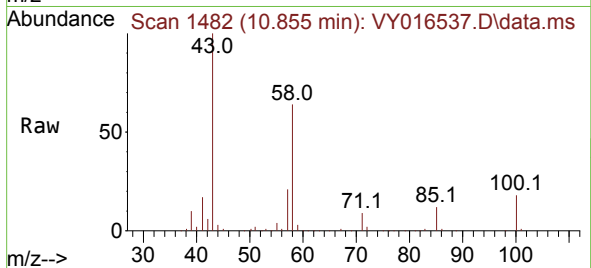




#59
2-Hexanone
Concen: 118.464 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

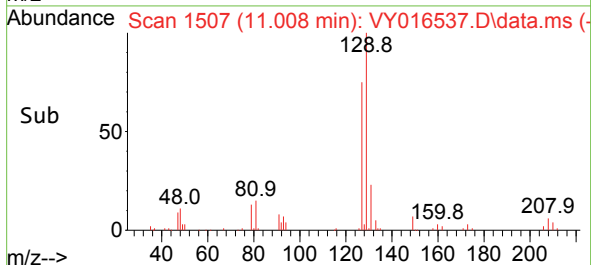
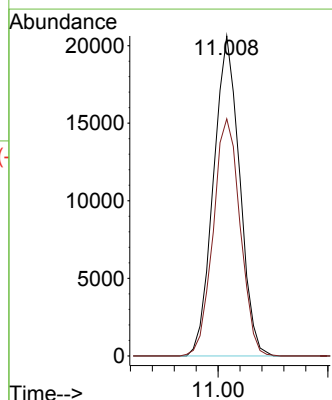
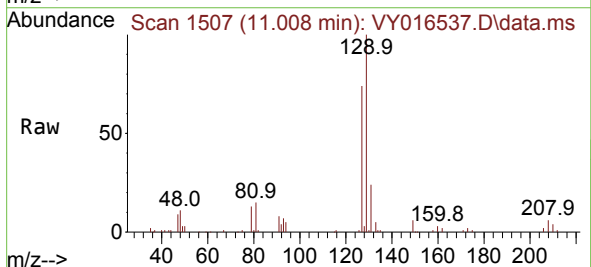
Instrument :
MSVOA_Y
ClientSampleId :

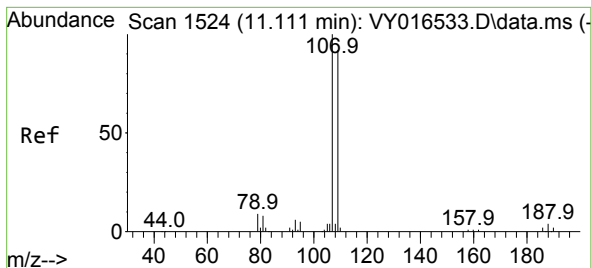
Tgt Ion: 43 Resp: 71301
Ion Ratio Lower Upper
43 100
58 62.6 25.1 75.3



#60
Dibromochloromethane
Concen: 21.229 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion:129 Resp: 34137
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

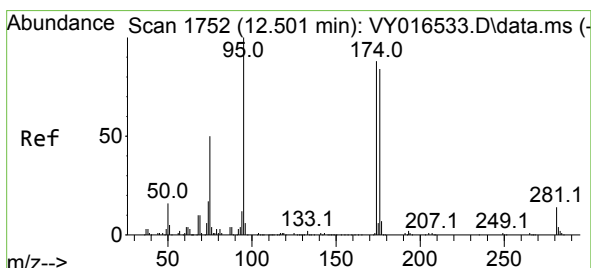
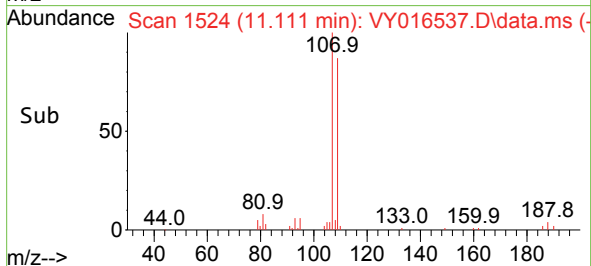
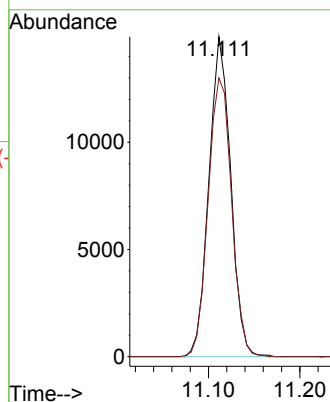
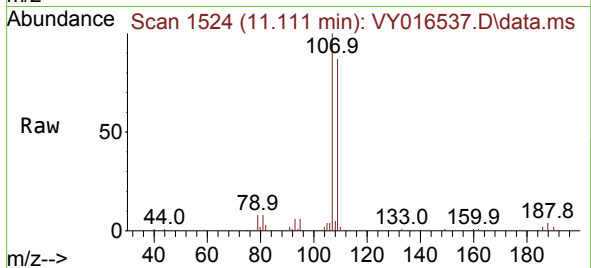




#61
1,2-Dibromoethane
Concen: 21.240 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

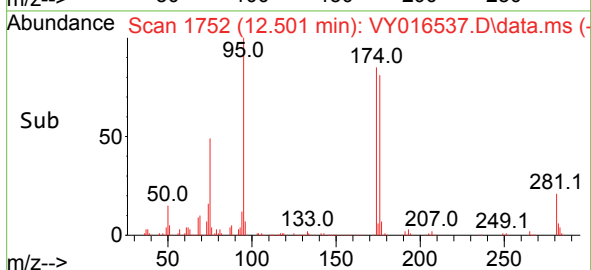
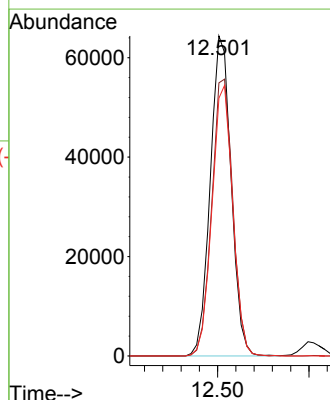
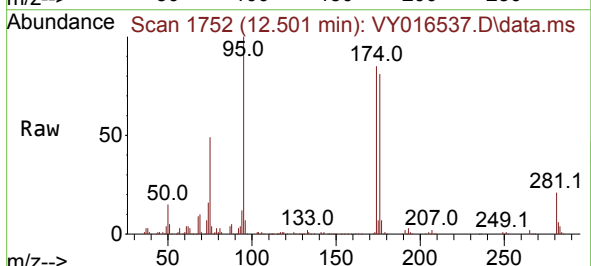
Instrument :
MSVOA_Y
ClientSampleId :

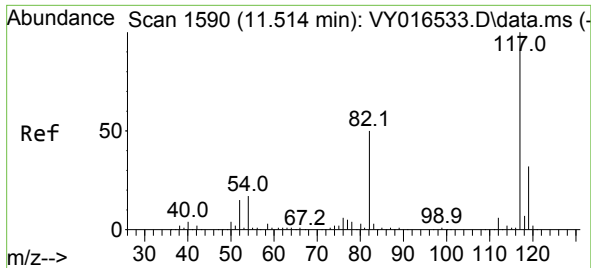
Tgt Ion:107 Resp: 24676
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.169 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 95 Resp: 101867
Ion Ratio Lower Upper
95 100
174 87.8 0.0 178.2
176 84.5 0.0 173.8

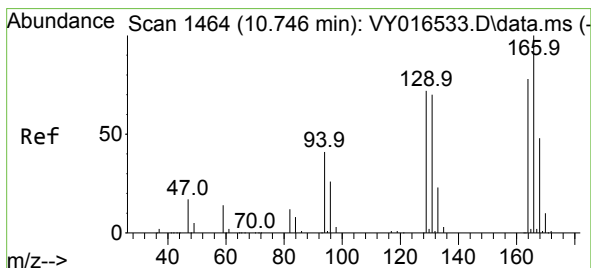
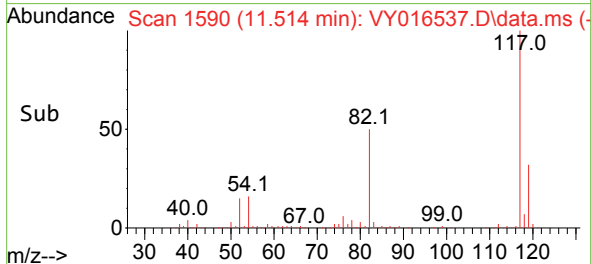
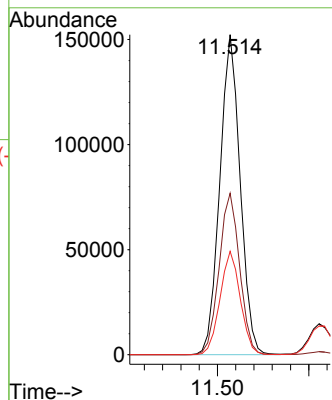
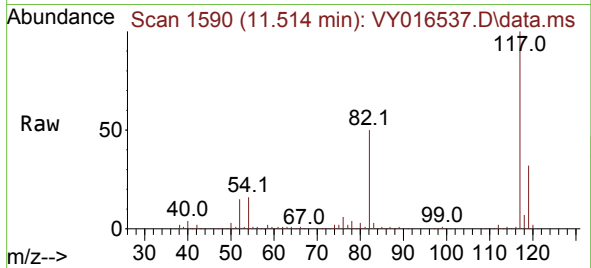




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

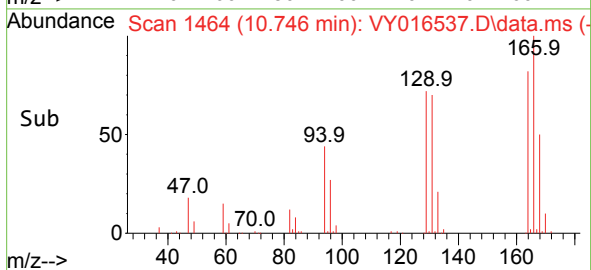
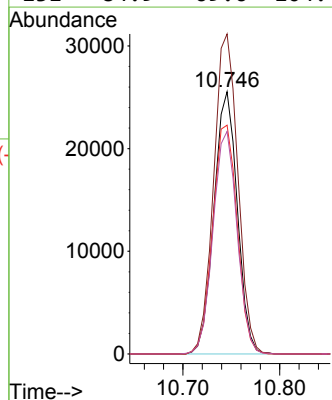
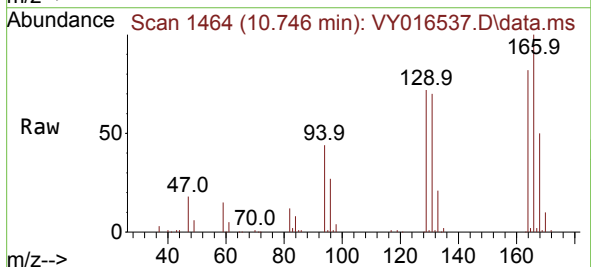
Instrument :
MSVOA_Y
ClientSampleId :

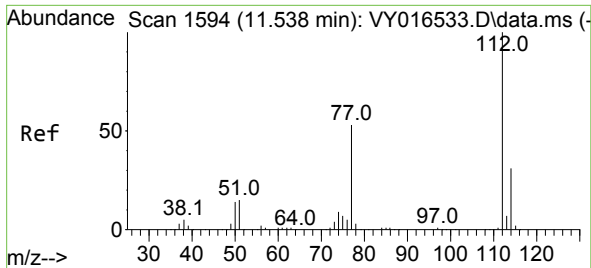
Tgt Ion:117 Resp: 235857
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.0
119 32.3 26.3 39.5



#64
Tetrachloroethene
Concen: 20.411 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion:164 Resp: 42843
Ion Ratio Lower Upper
164 100
166 122.1 103.0 154.6
129 87.3 77.2 115.8
131 84.9 69.6 104.4

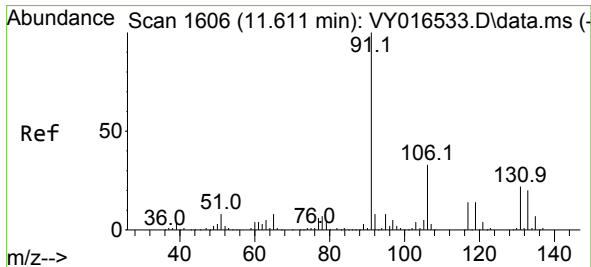
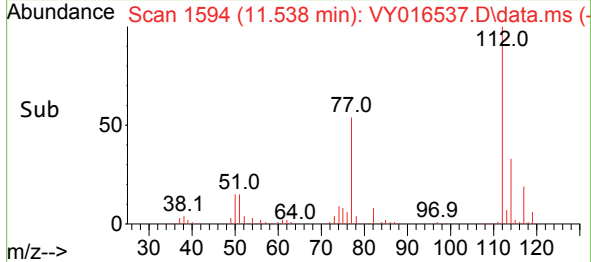
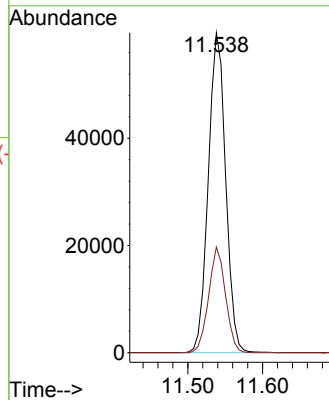
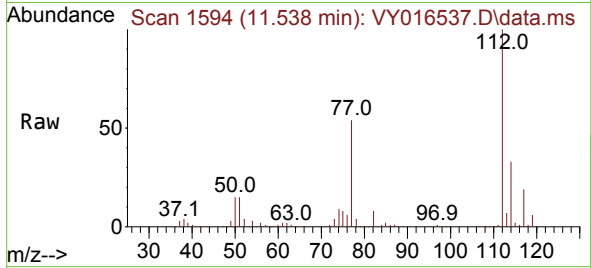




#65
Chlorobenzene
Concen: 20.390 ug/l
RT: 11.538 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

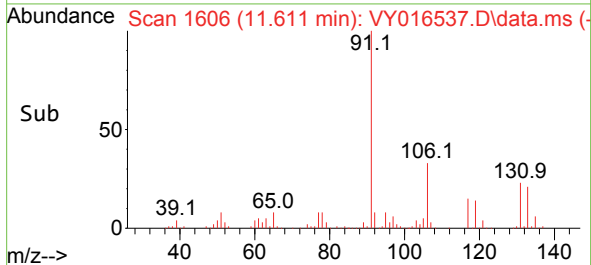
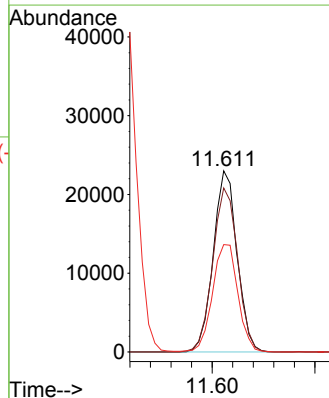
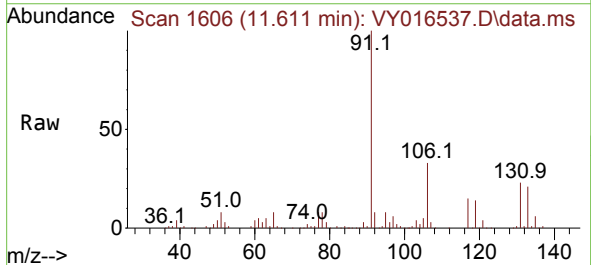
Instrument :
MSVOA_Y
ClientSampleId :

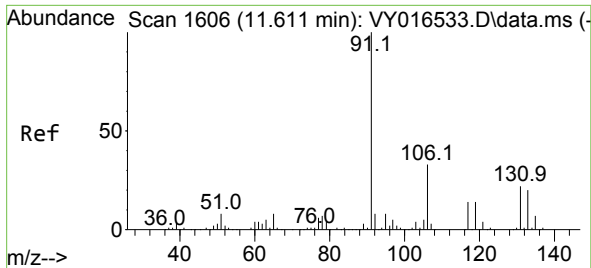
Tgt Ion:112 Resp: 96307
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.396 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion:131 Resp: 36931
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 63.3 31.6 94.7

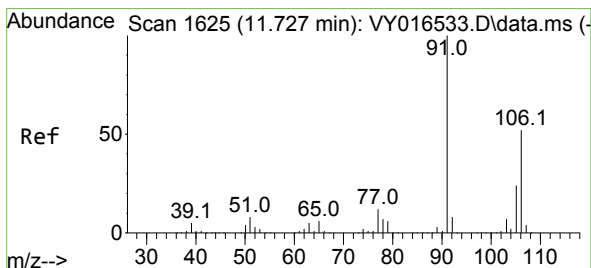
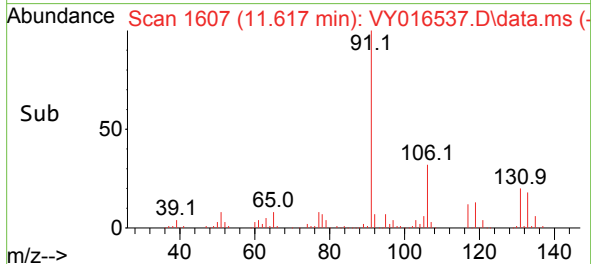
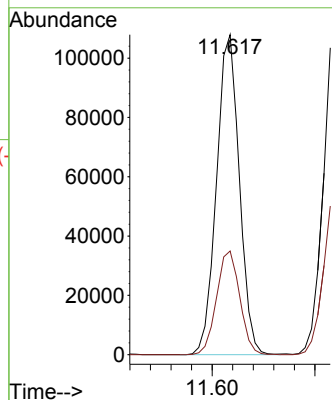
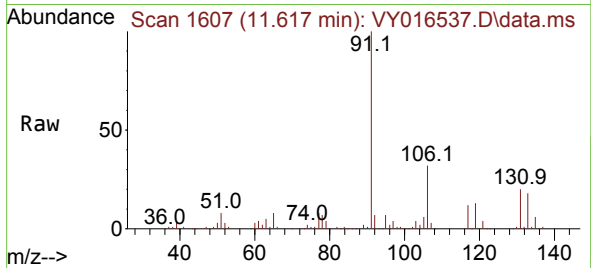




#67
Ethyl Benzene
Concen: 20.015 ug/l
RT: 11.617 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

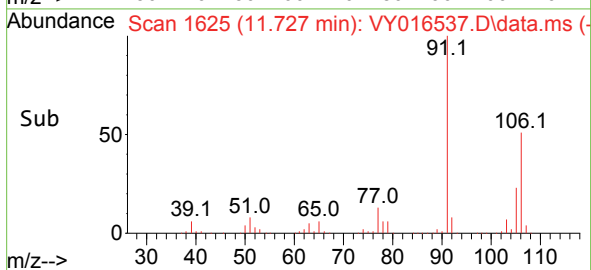
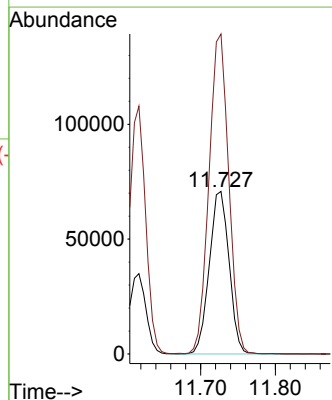
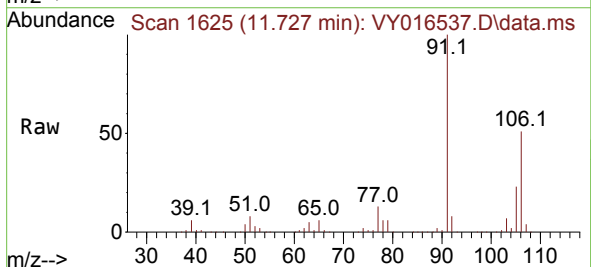
Instrument :
MSVOA_Y
ClientSampleId :

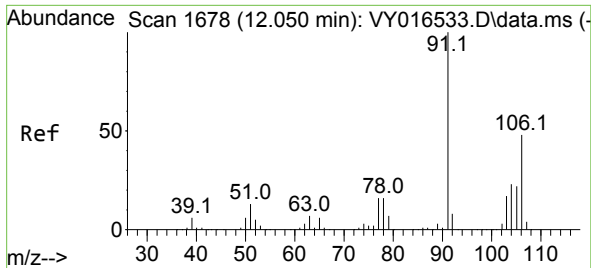
Tgt Ion: 91 Resp: 165950
Ion Ratio Lower Upper
91 100
106 32.4 24.6 36.8



#68
m/p-Xylenes
Concen: 40.514 ug/l
RT: 11.727 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion:106 Resp: 130004
Ion Ratio Lower Upper
106 100
91 195.9 166.1 249.1

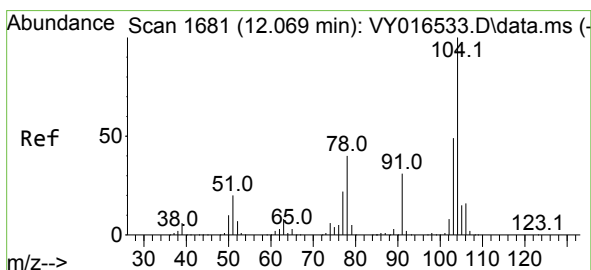
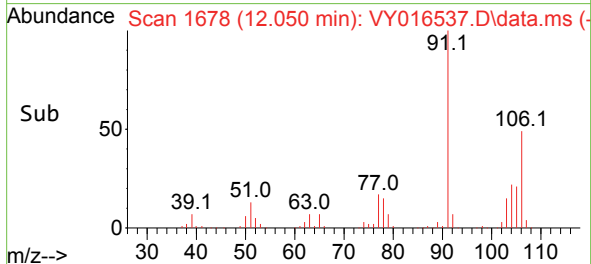
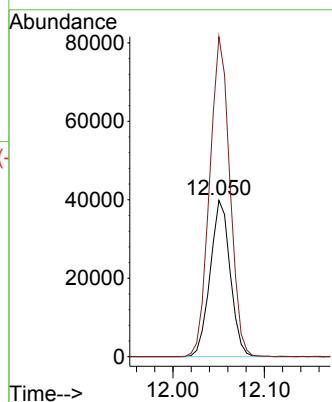
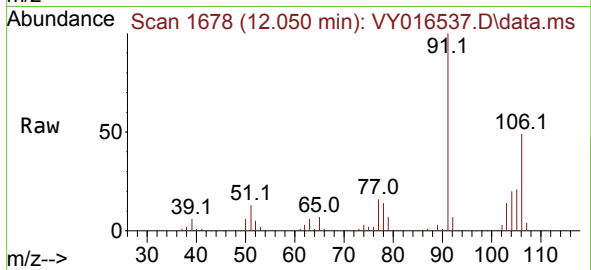




#69
o-Xylene
Concen: 20.580 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

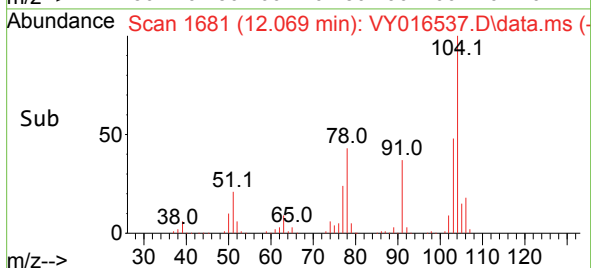
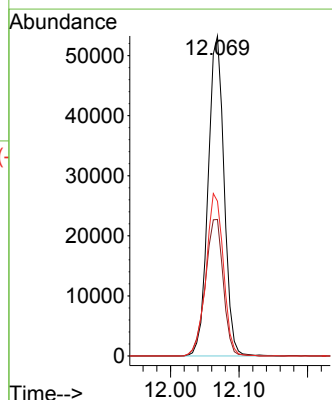
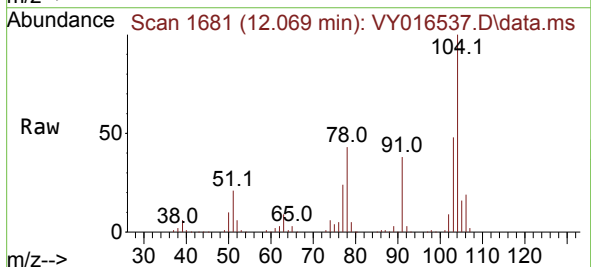
Instrument :
MSVOA_Y
ClientSampleId :

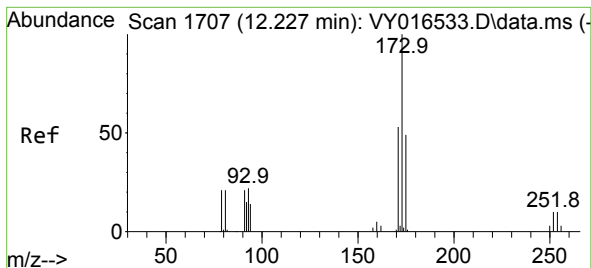
Tgt Ion:106 Resp: 60626
Ion Ratio Lower Upper
106 100
91 206.6 108.1 324.3



#70
Styrene
Concen: 20.445 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion:104 Resp: 86657
Ion Ratio Lower Upper
104 100
78 47.9 41.5 62.3
103 55.1 44.6 67.0





#71

Bromoform

Concen: 21.375 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

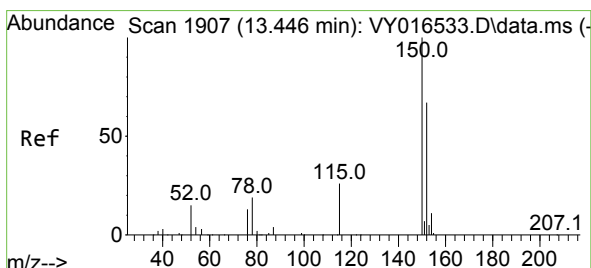
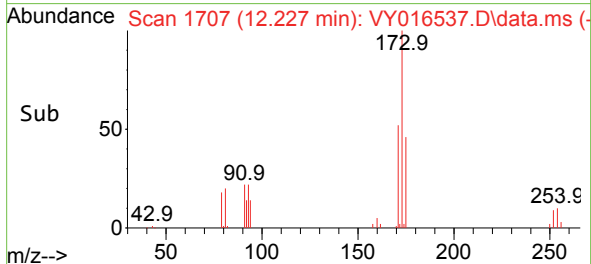
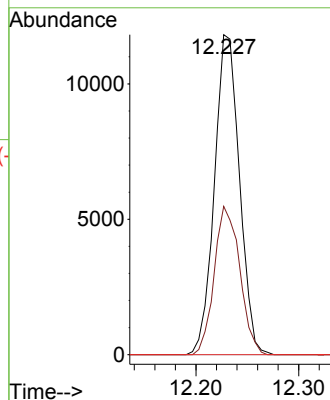
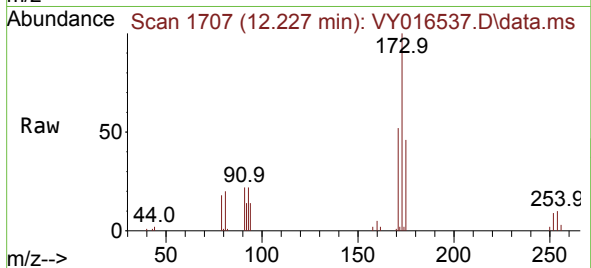
Tgt Ion:173 Resp: 19992

Ion Ratio Lower Upper

173 100

175 47.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

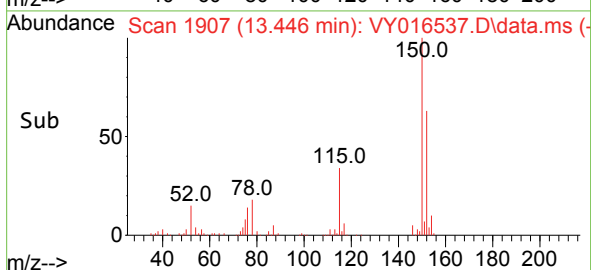
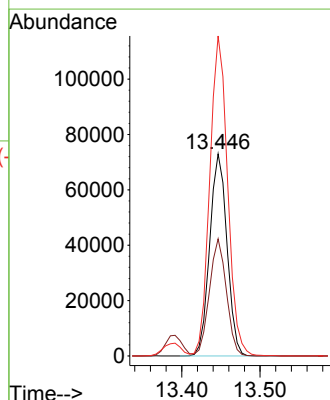
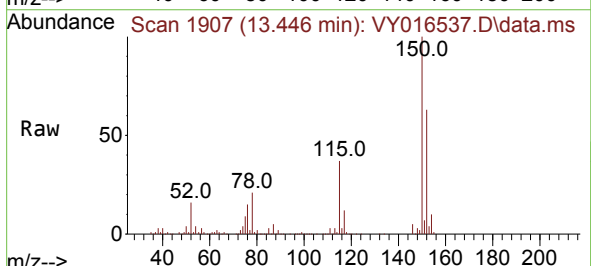
Tgt Ion:152 Resp: 111876

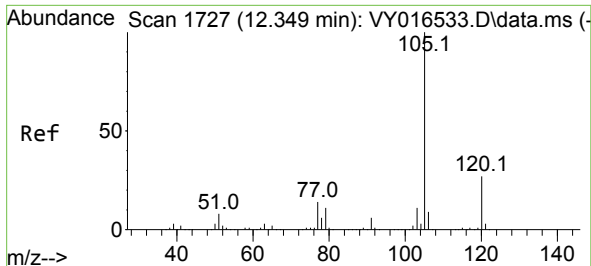
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

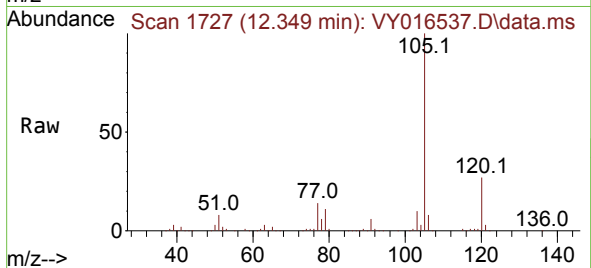
150 163.3 0.0 348.8



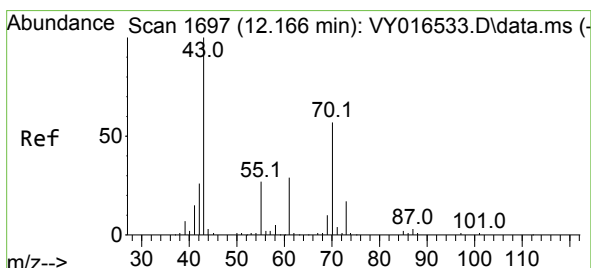
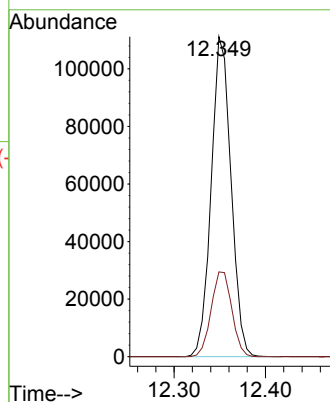
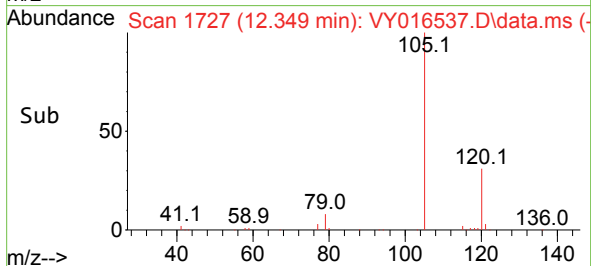


#73
Isopropylbenzene
Concen: 19.715 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

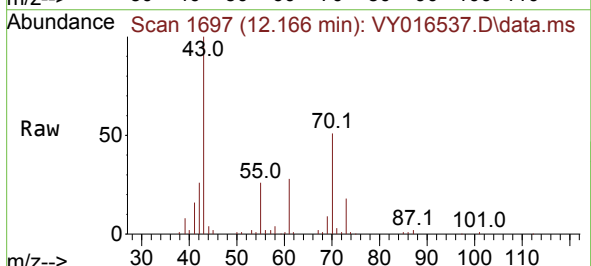
Instrument :
MSVOA_Y
ClientSampleId :



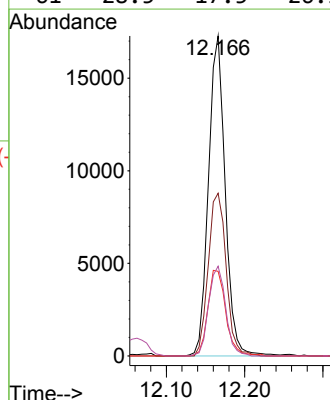
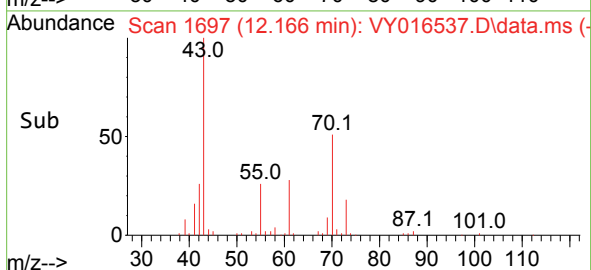
Tgt Ion:105 Resp: 167260
Ion Ratio Lower Upper
105 100
120 27.6 13.3 39.9

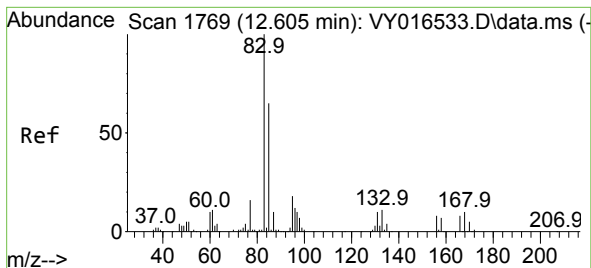


#74
N-ethyl acetate
Concen: 21.388 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23



Tgt Ion: 43 Resp: 25626
Ion Ratio Lower Upper
43 100
70 54.5 29.7 44.5#
55 28.8 18.3 27.5#
61 28.5 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.402 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

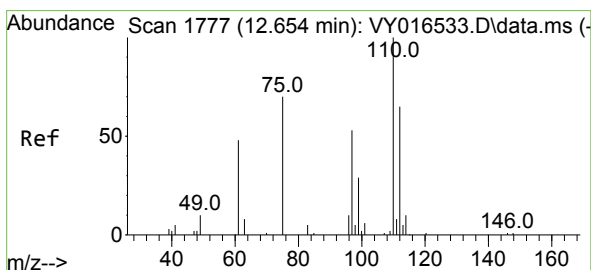
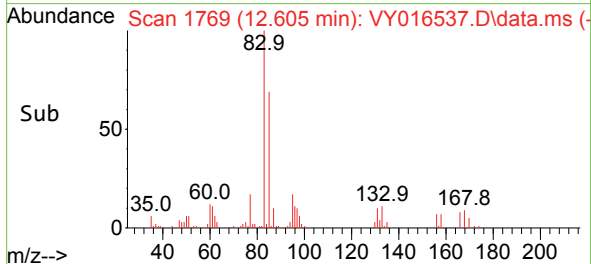
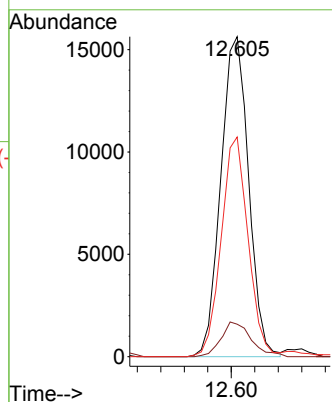
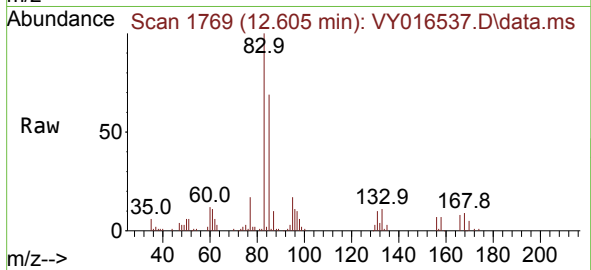
Tgt Ion: 83 Resp: 25694

Ion Ratio Lower Upper

83 100

131 11.7 5.4 16.2

85 66.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.826 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY016537.D

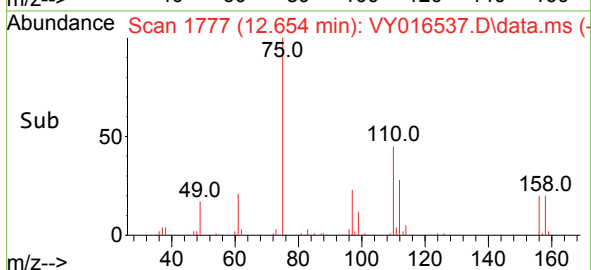
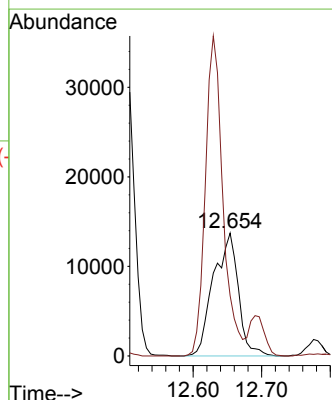
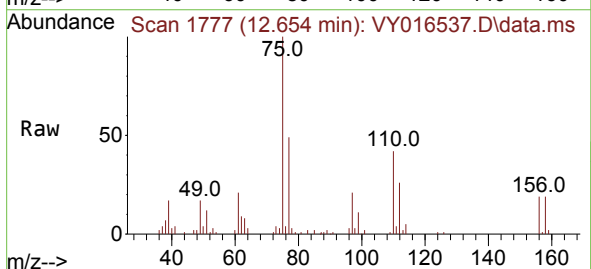
Acq: 29 Nov 2023 15:23

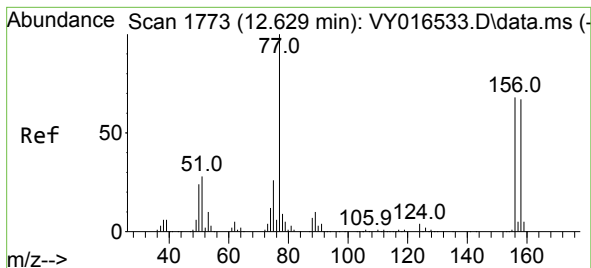
Tgt Ion: 75 Resp: 34592

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.776 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

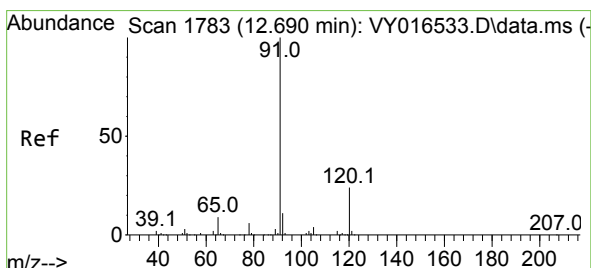
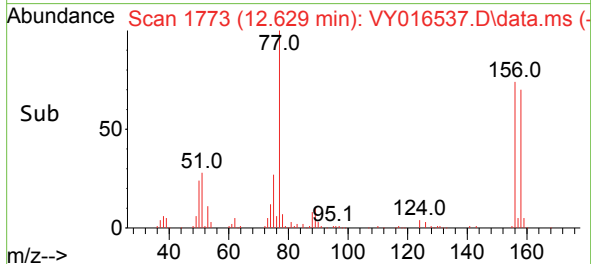
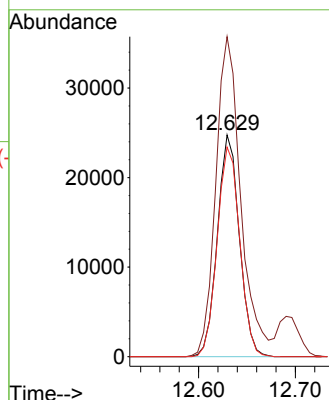
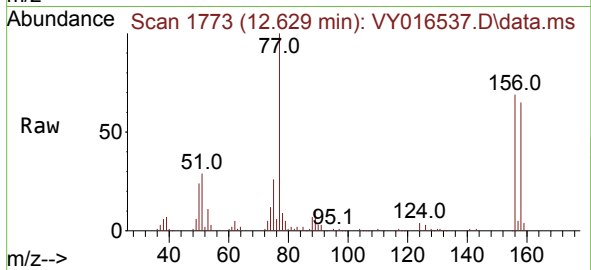
Tgt Ion:156 Resp: 39067

Ion Ratio Lower Upper

156 100

77 163.3 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 19.732 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY016537.D

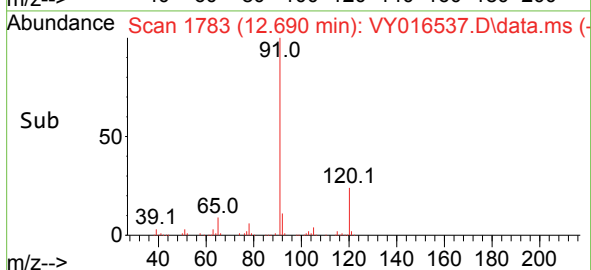
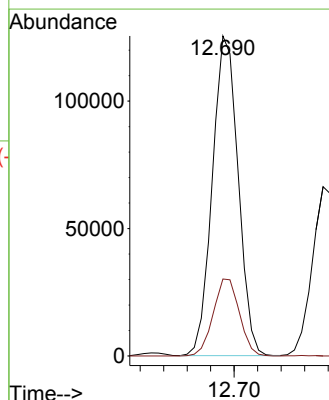
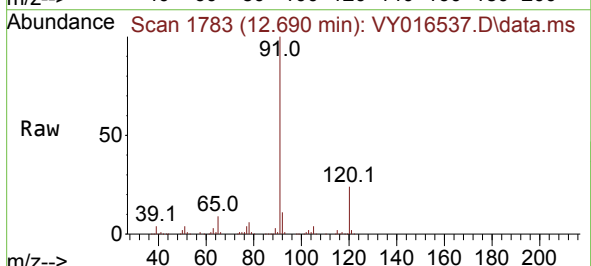
Acq: 29 Nov 2023 15:23

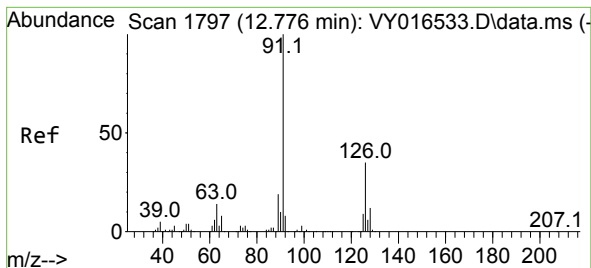
Tgt Ion: 91 Resp: 191521

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.714 ug/l

RT: 12.776 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

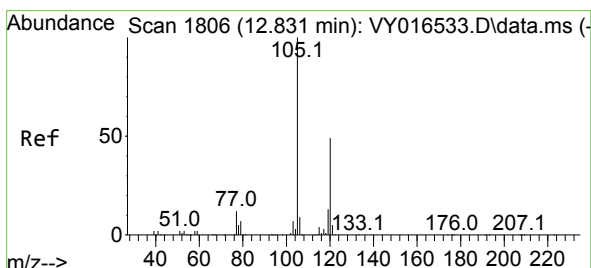
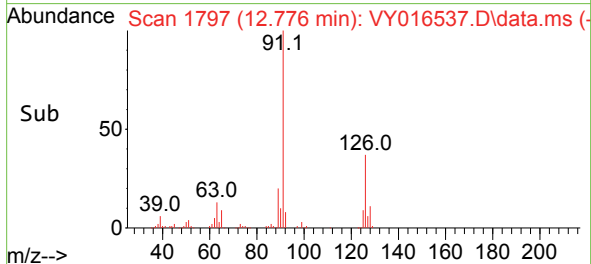
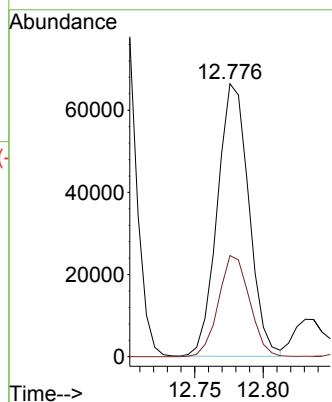
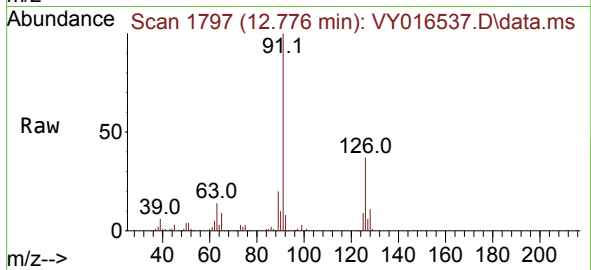
ClientSampleId :

Tgt Ion: 91 Resp: 106427

Ion Ratio Lower Upper

91 100

126 36.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.944 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY016537.D

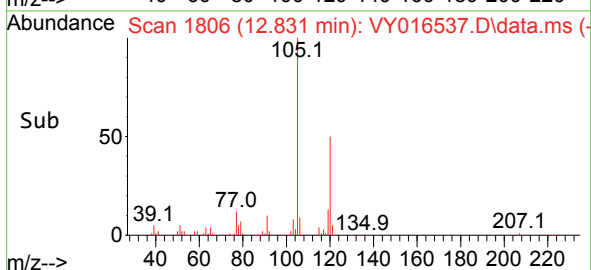
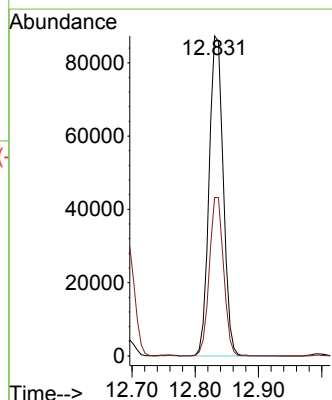
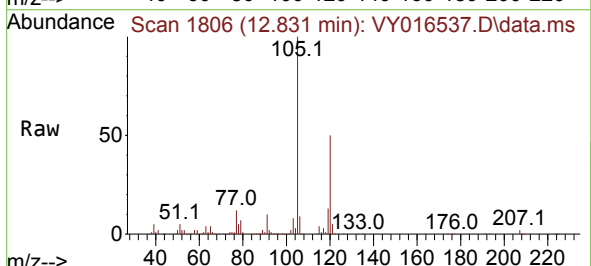
Acq: 29 Nov 2023 15:23

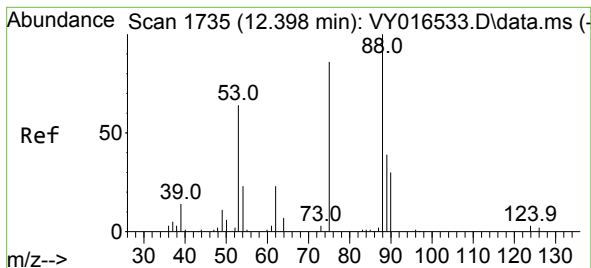
Tgt Ion:105 Resp: 136018

Ion Ratio Lower Upper

105 100

120 49.9 23.9 71.7

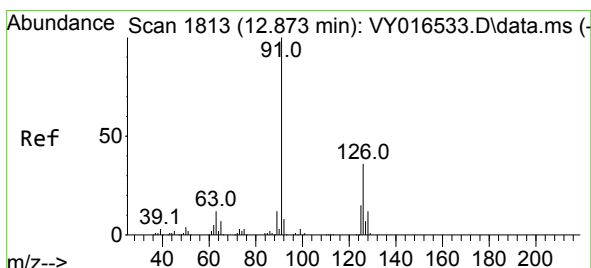
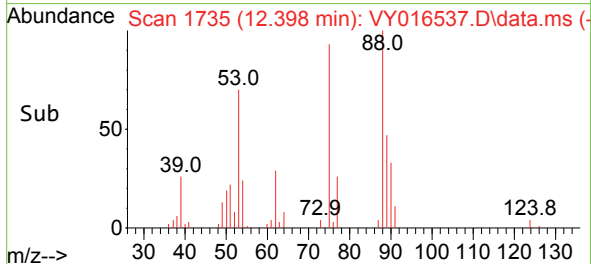
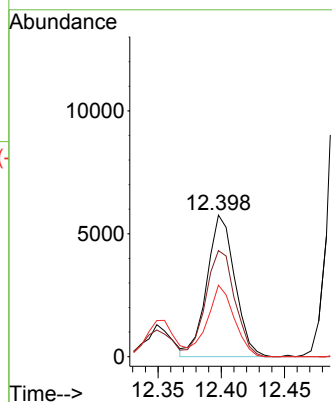
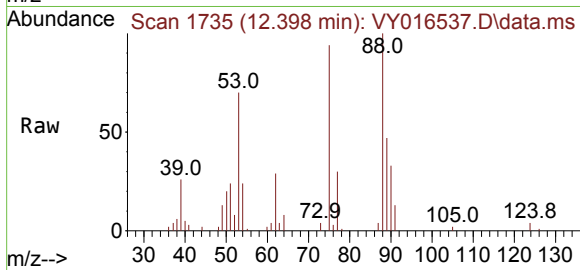




#81
trans-1,4-Dichloro-2-butene
Concen: 20.569 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

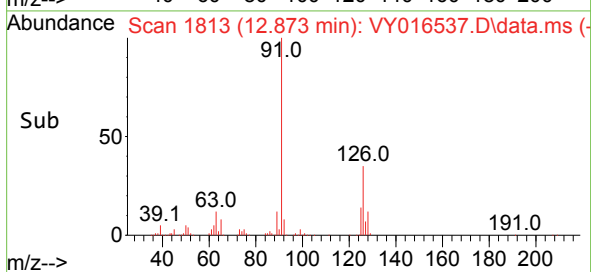
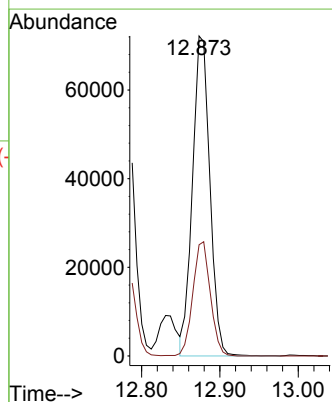
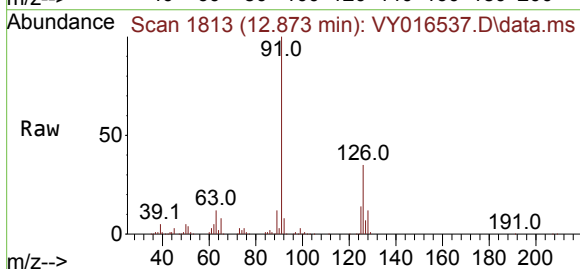
Instrument :
MSVOA_Y
ClientSampleId :

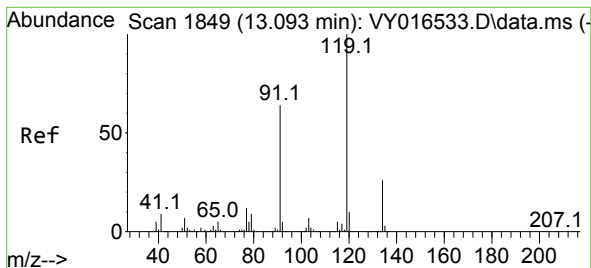
Tgt Ion: 75 Resp: 8859
Ion Ratio Lower Upper
75 100
53 78.5 77.8 116.8
89 48.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.154 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 91 Resp: 111712
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6

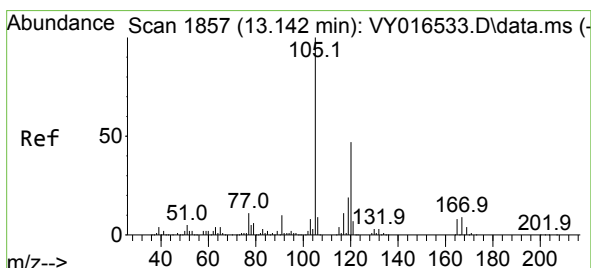
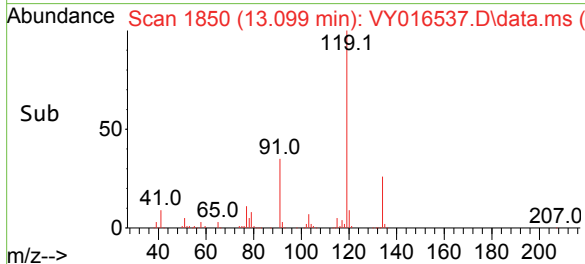
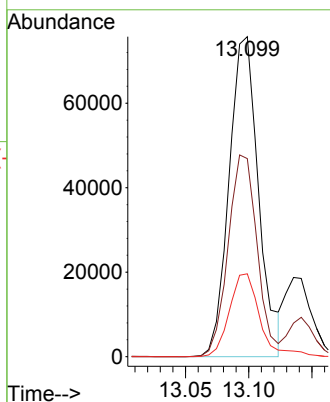
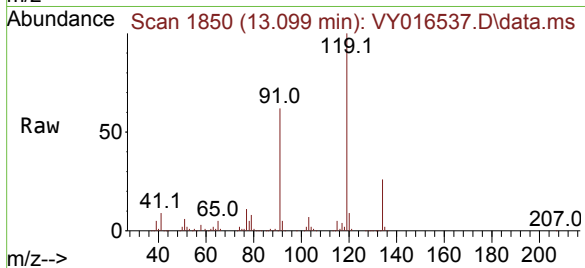




#83
tert-Butylbenzene
Concen: 19.976 ug/l
RT: 13.099 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

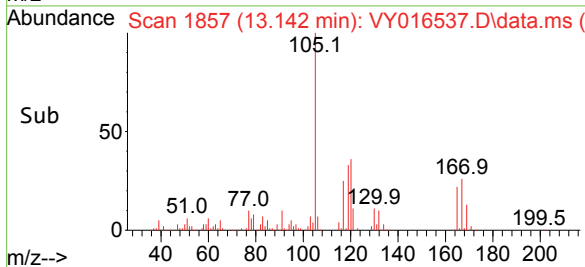
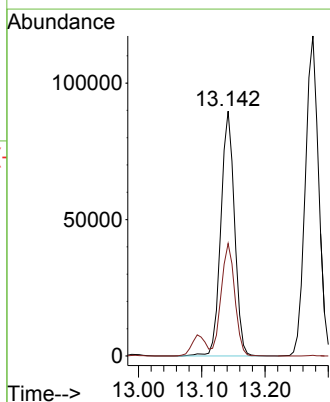
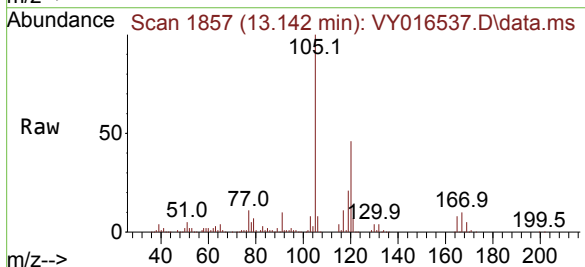
Instrument :
MSVOA_Y
ClientSampleId :

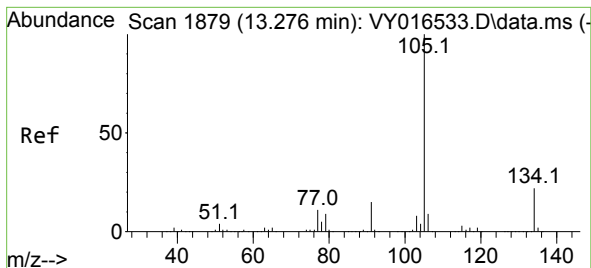
Tgt Ion:119 Resp: 122951
Ion Ratio Lower Upper
119 100
91 62.1 32.9 98.6
134 26.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.173 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion:105 Resp: 133947
Ion Ratio Lower Upper
105 100
120 46.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.081 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

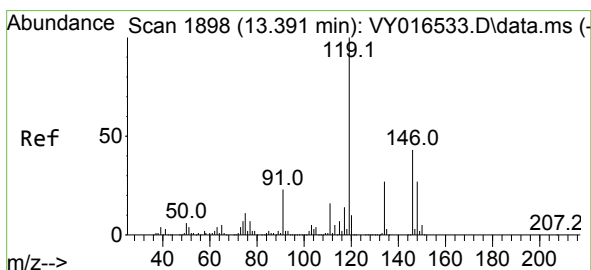
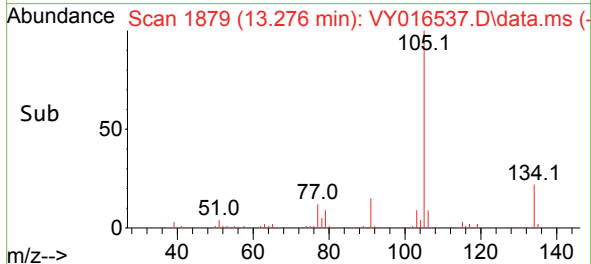
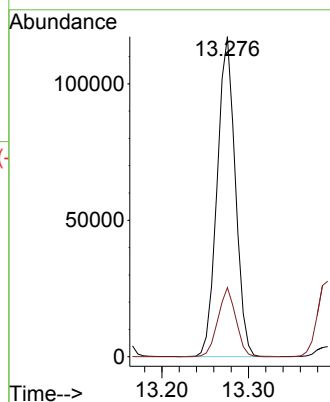
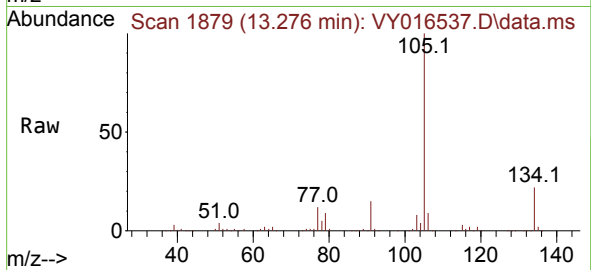
ClientSampleId :

Tgt Ion:105 Resp: 170940

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.213 ug/l

RT: 13.391 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

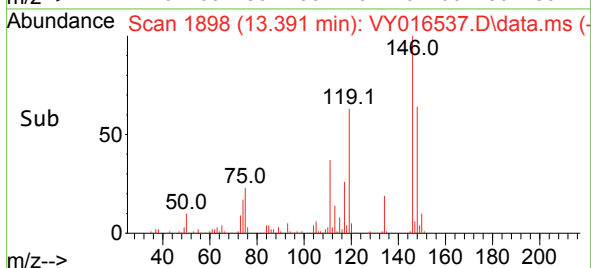
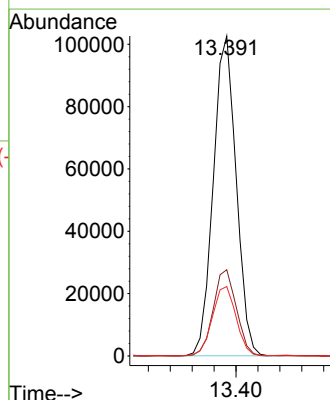
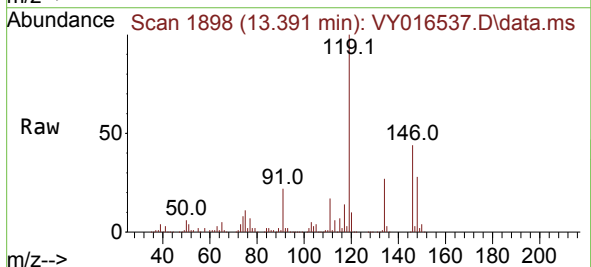
Tgt Ion:119 Resp: 148664

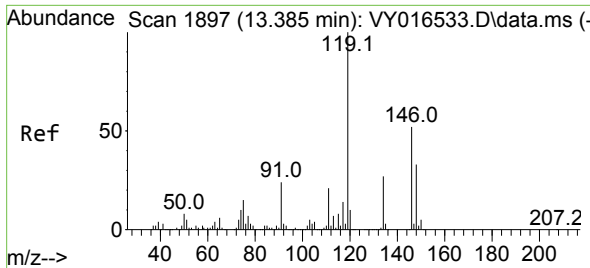
Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.8

91 22.5 12.4 37.4

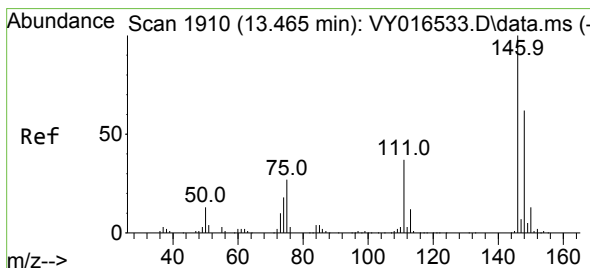
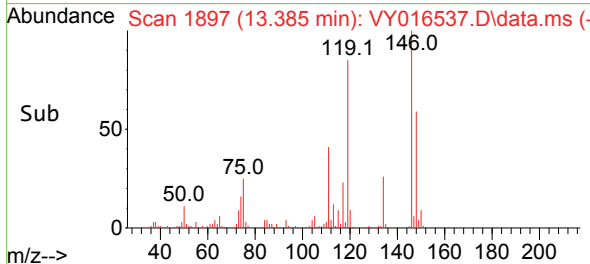
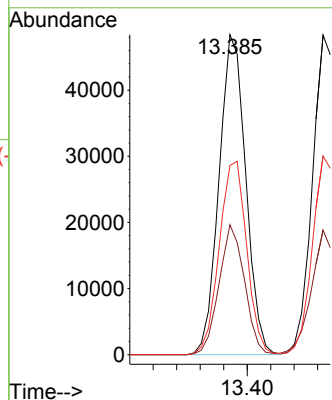
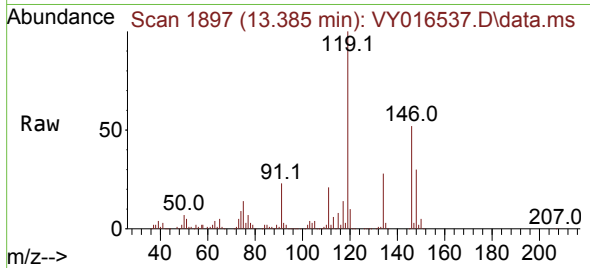




#87
 1,3-Dichlorobenzene
 Concen: 20.516 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY016537.D
 Acq: 29 Nov 2023 15:23

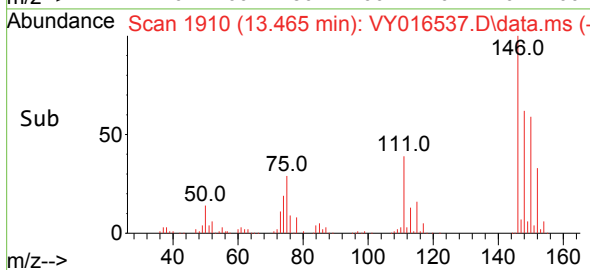
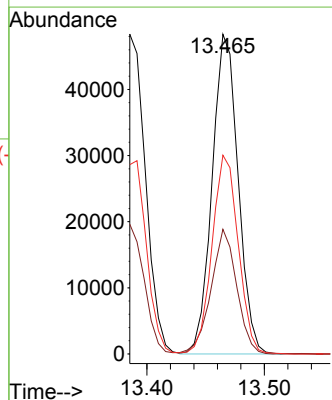
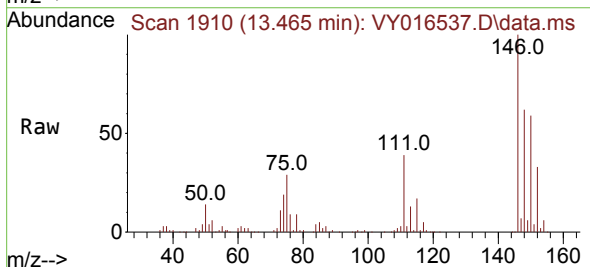
Instrument :
 MSVOA_Y
 ClientSampleId :

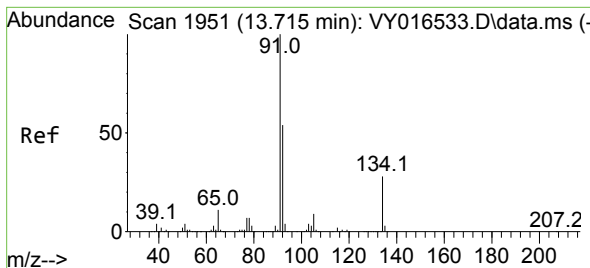
Tgt Ion:146 Resp: 76530
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.2
 148 62.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.383 ug/l
 RT: 13.465 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY016537.D
 Acq: 29 Nov 2023 15:23

Tgt Ion:146 Resp: 74418
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.7
 148 62.6 32.1 96.5





#89

n-Butylbenzene

Concen: 20.346 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

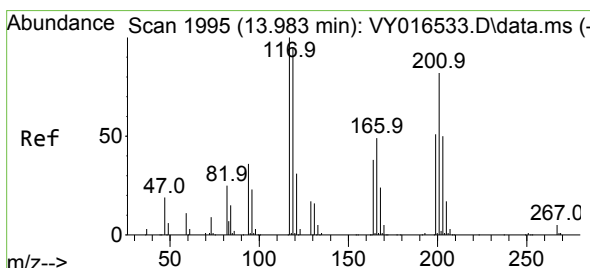
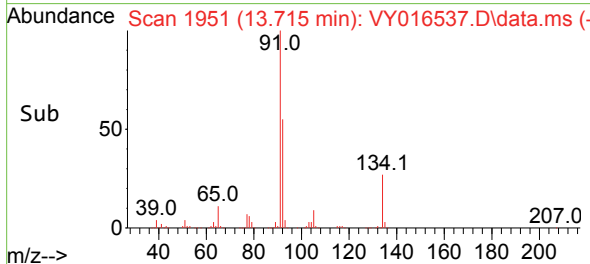
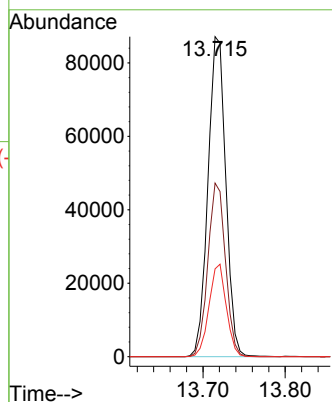
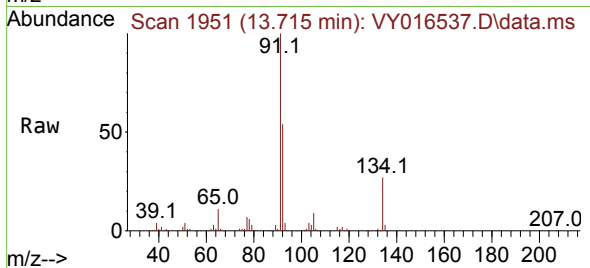
Tgt Ion: 91 Resp: 131165

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 28.0 12.6 37.6



#90

Hexachloroethane

Concen: 19.967 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY016537.D

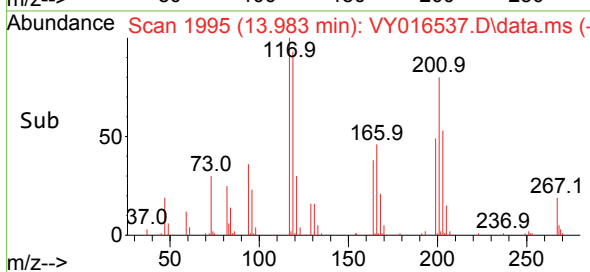
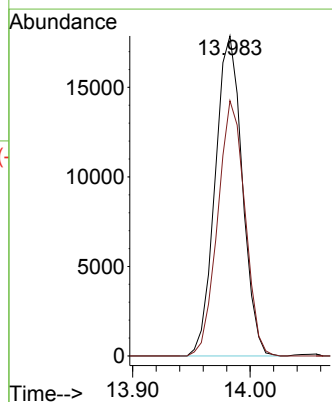
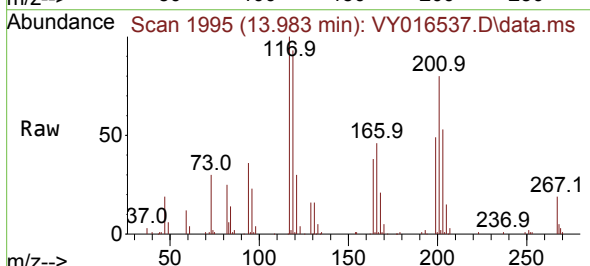
Acq: 29 Nov 2023 15:23

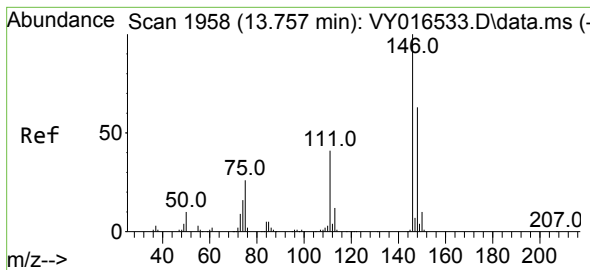
Tgt Ion: 117 Resp: 28653

Ion Ratio Lower Upper

117 100

201 80.1 41.6 124.8

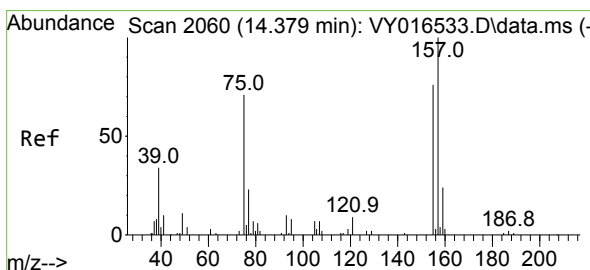
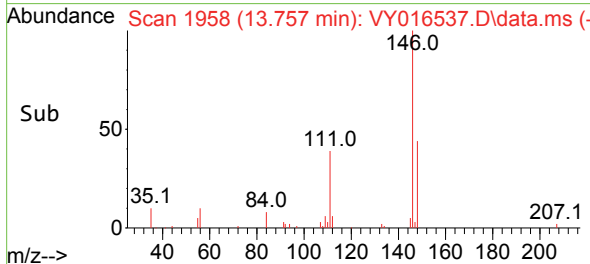
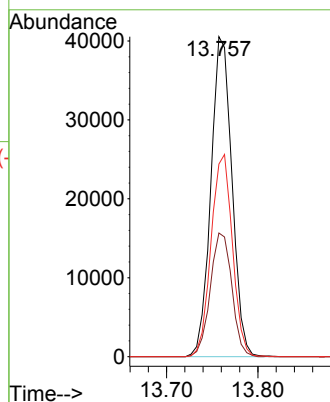
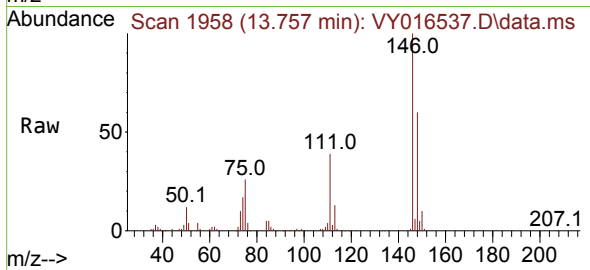




#91
1,2-Dichlorobenzene
Concen: 20.498 ug/l
RT: 13.757 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

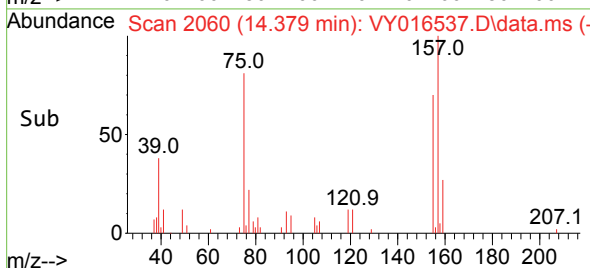
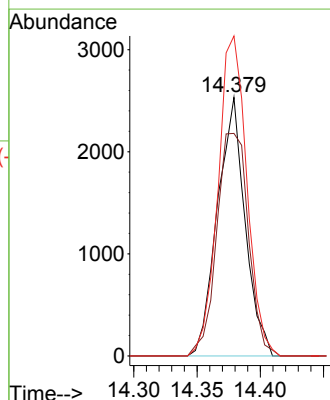
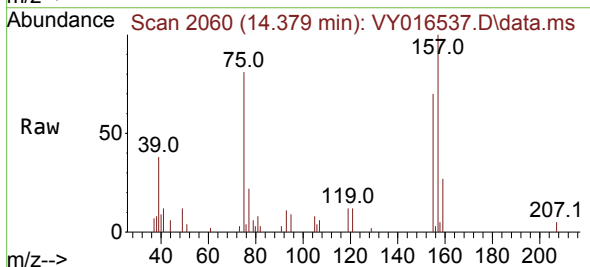
Instrument :
MSVOA_Y
ClientSampleId :

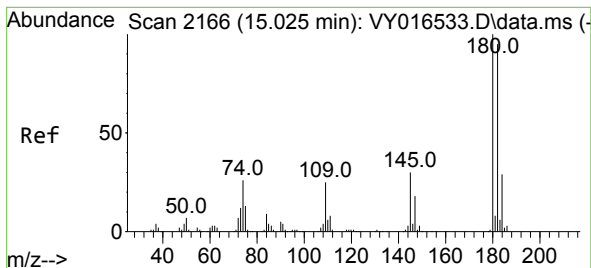
Tgt Ion:146 Resp: 64802
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 64.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.736 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion: 75 Resp: 3851
Ion Ratio Lower Upper
75 100
155 98.6 41.5 124.6
157 128.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.132 ug/l

RT: 15.031 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

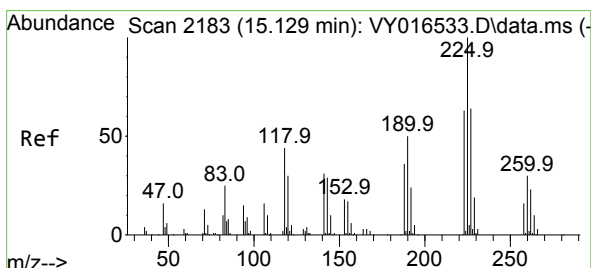
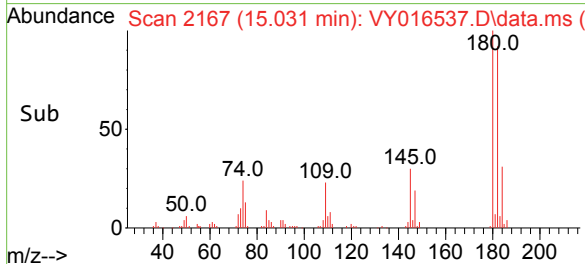
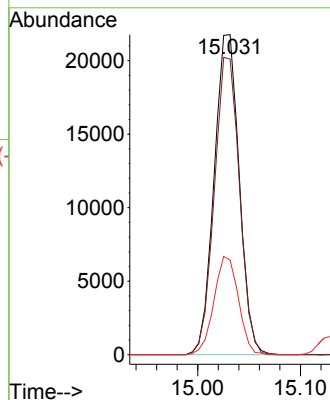
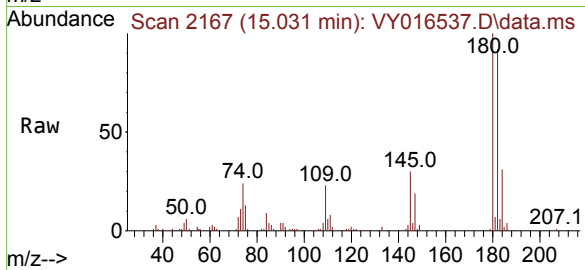
Tgt Ion:180 Resp: 36828

Ion Ratio Lower Upper

180 100

182 93.1 47.0 141.2

145 30.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.751 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY016537.D

Acq: 29 Nov 2023 15:23

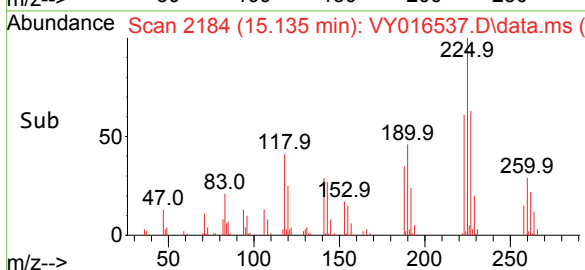
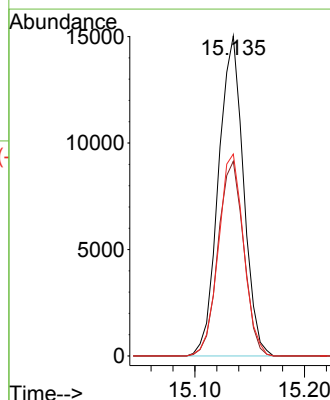
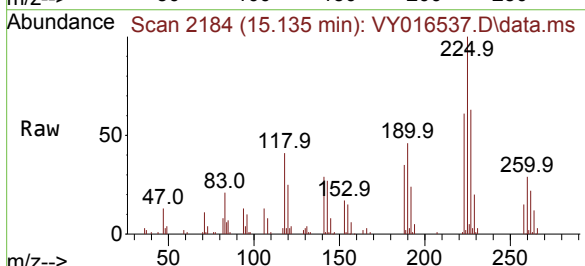
Tgt Ion:225 Resp: 23815

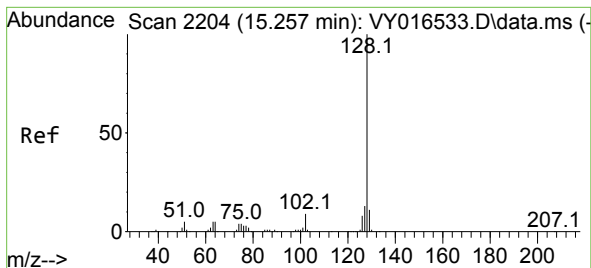
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.9

227 63.6 33.0 98.9

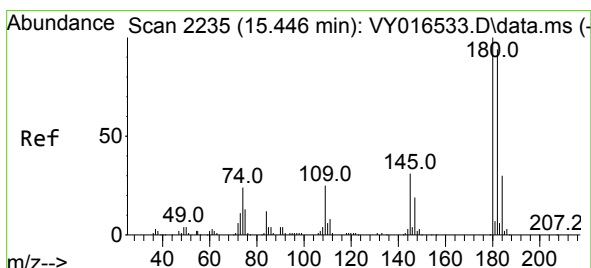
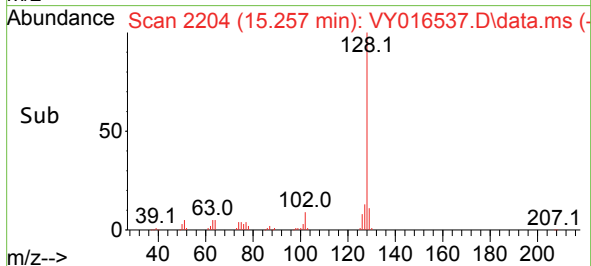
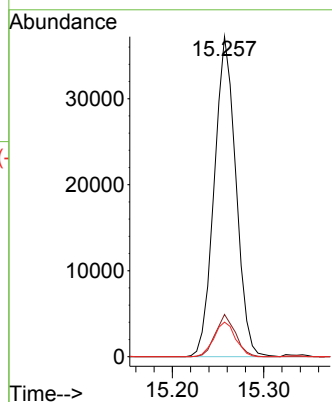
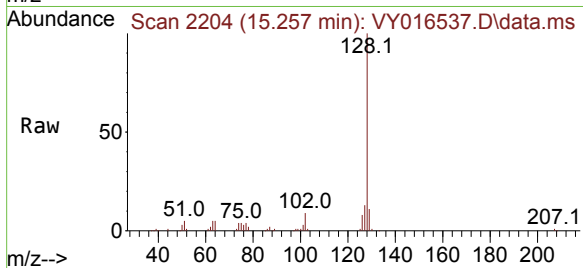




#95
Naphthalene
Concen: 20.929 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 61212
Ion Ratio Lower Upper
128 100
127 12.2 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.286 ug/l
RT: 15.446 min Scan# 2235
Delta R.T. 0.000 min
Lab File: VY016537.D
Acq: 29 Nov 2023 15:23

Tgt Ion:180 Resp: 29563
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 32.1 15.4 46.2

