

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016535.D
 Acq On : 29 Nov 2023 14:28
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 30 03:31:12 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	179667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	275498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	238890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	108171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	68852	48.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.020%
35) Dibromofluoromethane	7.746	113	78673	48.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.203	98	302166	48.182	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.502	95	95729	48.659	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	72152	46.102	ug/l	99
3) Chloromethane	2.131	50	74429	47.673	ug/l	96
4) Vinyl Chloride	2.272	62	83415	47.337	ug/l	96
5) Bromomethane	2.674	94	57897	50.756	ug/l	97
6) Chloroethane	2.820	64	55770	49.025	ug/l	100
7) Trichlorofluoromethane	3.156	101	149220	48.915	ug/l	99
8) Diethyl Ether	3.558	74	41808	51.599	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.930	101	85297	49.256	ug/l	98
10) Methyl Iodide	4.125	142	98969	50.515	ug/l	97
11) Tert butyl alcohol	4.985	59	23498	261.186	ug/l #	82
12) 1,1-Dichloroethene	3.905	96	80180	49.542	ug/l	82
13) Acrolein	3.759	56	45596	267.461	ug/l	99
14) Allyl chloride	4.515	41	94766	50.934	ug/l #	88
15) Acrylonitrile	5.198	53	75175	262.191	ug/l	98
16) Acetone	3.973	43	61676	223.245	ug/l #	84
17) Carbon Disulfide	4.229	76	225929	49.480	ug/l	99
18) Methyl Acetate	4.509	43	57527	54.751	ug/l #	81
19) Methyl tert-butyl Ether	5.259	73	187039	53.032	ug/l	97
20) Methylene Chloride	4.753	84	85486	51.587	ug/l #	81
21) trans-1,2-Dichloroethene	5.259	96	90675	50.303	ug/l	88
22) Diisopropyl ether	6.155	45	203991	52.288	ug/l #	83
23) Vinyl Acetate	6.094	43	475324	264.202	ug/l #	87
24) 1,1-Dichloroethane	6.058	63	140162	50.908	ug/l	95
25) 2-Butanone	7.015	43	88556	231.234	ug/l #	80
26) 2,2-Dichloropropane	7.015	77	134296	49.352	ug/l	95
27) cis-1,2-Dichloroethene	7.021	96	99900	51.586	ug/l	85
28) Bromochloromethane	7.368	49	50671	50.923	ug/l #	65
29) Tetrahydrofuran	7.380	42	57219	278.116	ug/l #	78
30) Chloroform	7.539	83	155165	50.563	ug/l	93
31) Cyclohexane	7.819	56	118097	47.391	ug/l #	85
32) 1,1,1-Trichloroethane	7.734	97	148981	50.099	ug/l	95
36) 1,1-Dichloropropene	7.947	75	118130	49.474	ug/l	96
37) Ethyl Acetate	7.106	43	38871	51.941	ug/l #	88
38) Carbon Tetrachloride	7.929	117	138697	49.491	ug/l	99
39) Methylcyclohexane	9.209	83	149501	50.198	ug/l	88
40) Benzene	8.191	78	340691	50.324	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	23577	59.807	ug/l #	82
42) 1,2-Dichloroethane	8.264	62	86705	51.682	ug/l	91
43) Isopropyl Acetate	8.295	43	77966	52.981	ug/l #	83
44) Trichloroethene	8.966	130	106116	50.889	ug/l	92
45) 1,2-Dichloropropane	9.240	63	76839	50.300	ug/l	97
46) Dibromomethane	9.331	93	45278	52.711	ug/l	99
47) Bromodichloromethane	9.520	83	116655	51.437	ug/l	99
48) Methyl methacrylate	9.313	41	44415	53.760	ug/l #	77
49) 1,4-Dioxane	9.319	88	8995	1129.757	ug/l #	73
51) 4-Methyl-2-Pentanone	10.093	43	200073	260.614	ug/l #	84
52) Toluene	10.264	92	220311	50.659	ug/l	95
53) t-1,3-Dichloropropene	10.490	75	110475	52.568	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	131822	51.764	ug/l #	83
55) 1,1,2-Trichloroethane	10.666	97	63621	51.328	ug/l	94
56) Ethyl methacrylate	10.532	69	57518	54.834	ug/l #	74
57) 1,3-Dichloropropane	10.813	76	104157	52.169	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.807	63	181488	279.797	ug/l #	87
59) 2-Hexanone	10.855	43	142471	234.944	ug/l	80
60) Dibromochloromethane	11.008	129	85180	52.576	ug/l	99
61) 1,2-Dibromoethane	11.111	107	60892	52.021	ug/l	99
64) Tetrachloroethene	10.746	164	107339	50.488	ug/l	97
65) Chlorobenzene	11.538	112	240893	50.353	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	92467	50.419	ug/l	100
67) Ethyl Benzene	11.618	91	423182	50.391	ug/l	97
68) m/p-Xylenes	11.727	106	328749	101.150	ug/l	92
69) o-Xylene	12.050	106	152021	50.950	ug/l	96
70) Styrene	12.069	104	221674	51.635	ug/l	98
71) Bromoform	12.227	173	50045	52.829	ug/l #	99
73) Isopropylbenzene	12.349	105	419797	51.175	ug/l	98
74) N-amyl acetate	12.166	43	63080	54.451	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.605	83	62568	51.383	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	82252	90.563	ug/l #	100
77) Bromobenzene	12.630	156	97409	50.998	ug/l	87
78) n-propylbenzene	12.690	91	479605	51.104	ug/l	96
79) 2-Chlorotoluene	12.776	91	267621	51.270	ug/l	97
80) 1,3,5-Trimethylbenzene	12.837	105	339209	51.440	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.398	75	21641	51.967	ug/l #	85
82) 4-Chlorotoluene	12.873	91	270113	50.400	ug/l	96
83) tert-Butylbenzene	13.099	119	307589	51.687	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	331193	51.587	ug/l	97
85) sec-Butylbenzene	13.276	105	420802	51.127	ug/l	98
86) p-Isopropyltoluene	13.392	119	369027	51.893	ug/l	97
87) 1,3-Dichlorobenzene	13.385	146	184721	51.216	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	181625	51.450	ug/l	98
89) n-Butylbenzene	13.715	91	322219	51.694	ug/l	95
90) Hexachloroethane	13.983	117	70167	50.571	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	157665	51.581	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9155	53.443	ug/l	81
93) 1,2,4-Trichlorobenzene	15.025	180	91904	49.147	ug/l	99
94) Hexachlorobutadiene	15.135	225	54273	51.268	ug/l	99
95) Naphthalene	15.257	128	153821	46.604	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	71906	47.332	ug/l	98

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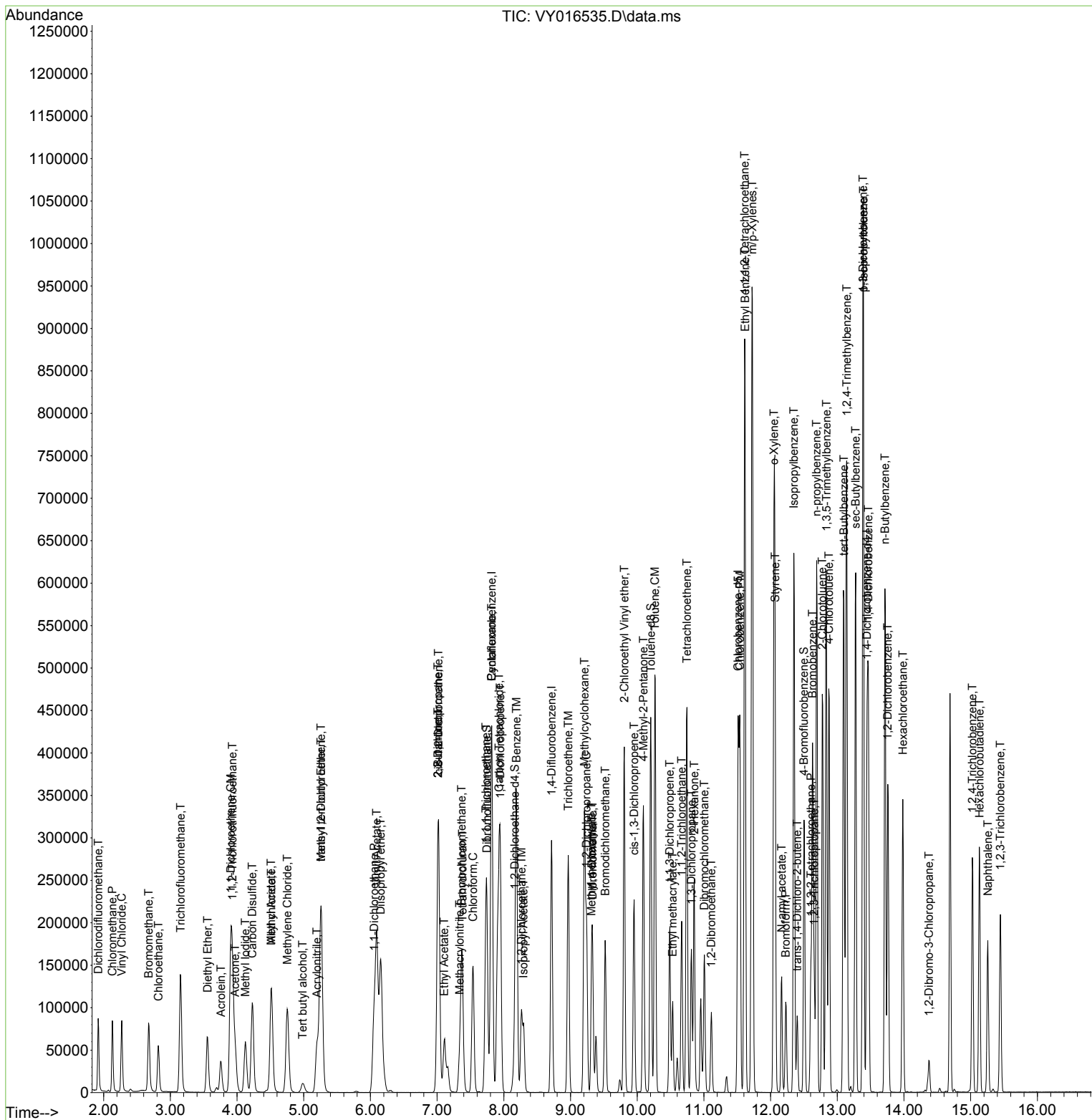
Instrument :
MSVOA_Y
ClientSampleId :

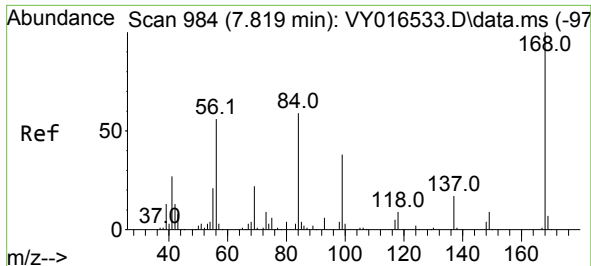
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

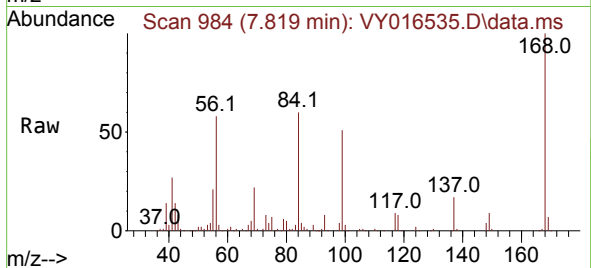
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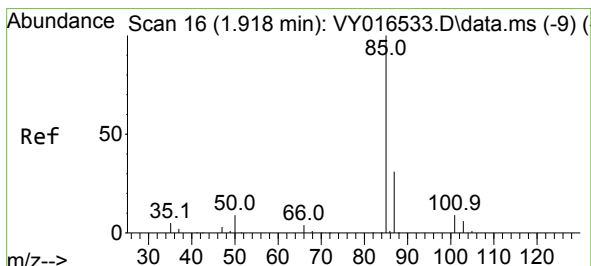
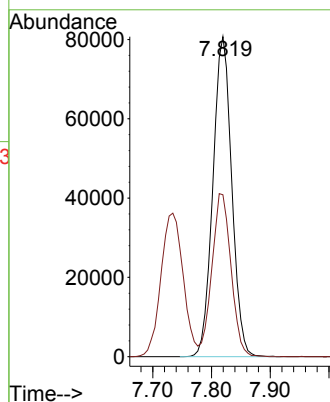
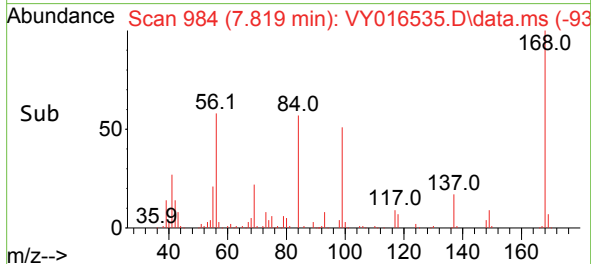


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.000 min
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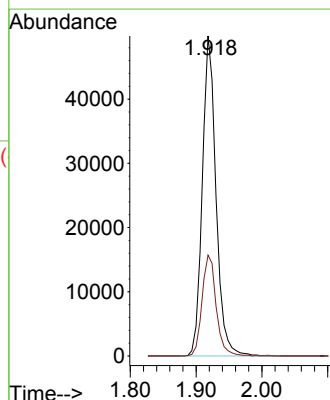
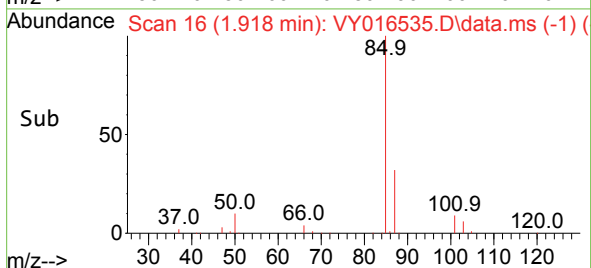
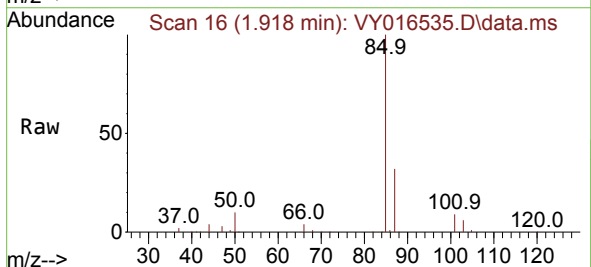


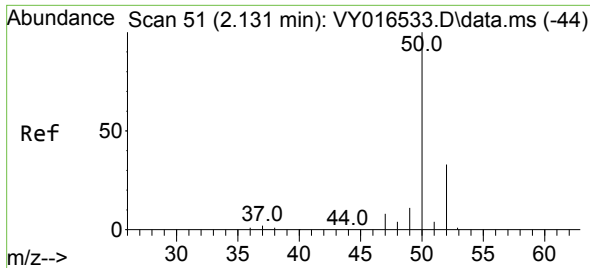
Tgt Ion:168 Resp: 179667
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.102 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 85 Resp: 72152
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8

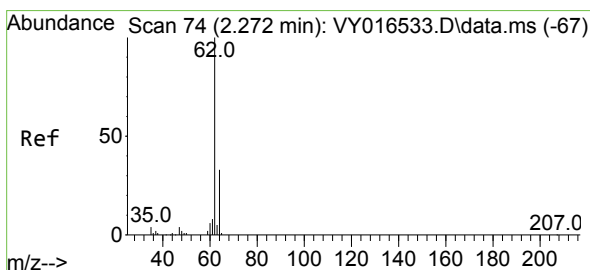
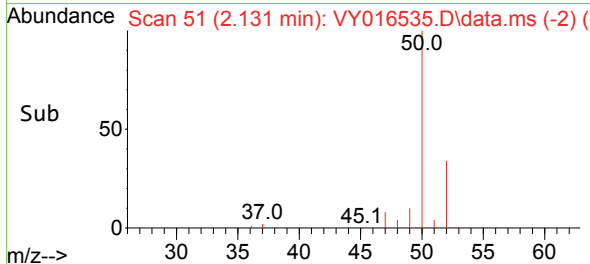
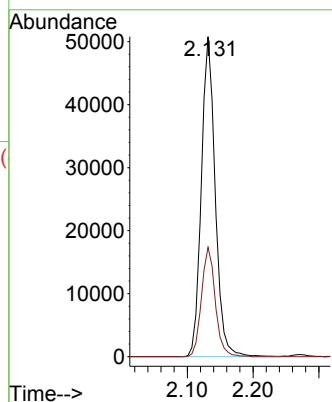
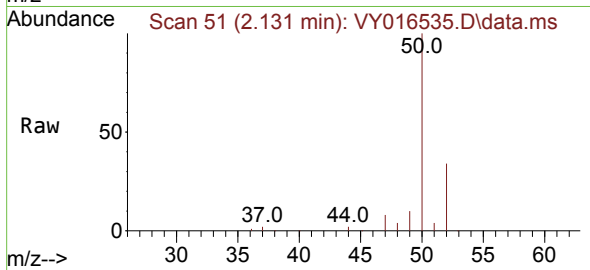




#3
Chloromethane
Concen: 47.673 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

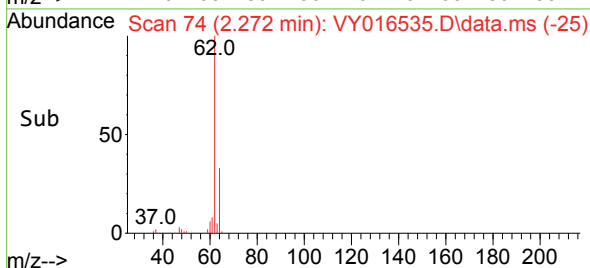
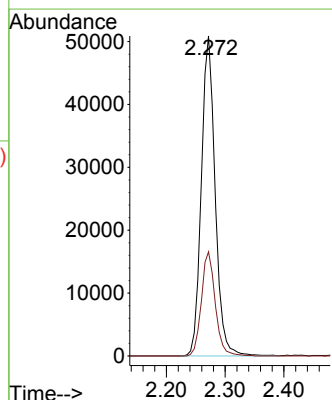
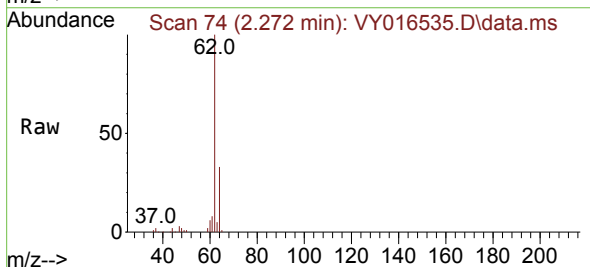
Instrument :
MSVOA_Y
ClientSampleId :

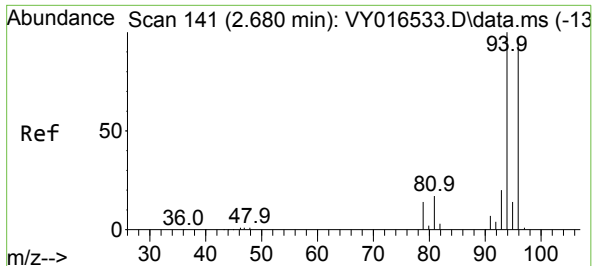
Tgt Ion: 50 Resp: 74429
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2



#4
Vinyl Chloride
Concen: 47.337 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 62 Resp: 83415
Ion Ratio Lower Upper
62 100
64 32.6 24.3 36.5





#5

Bromomethane

Concen: 50.756 ug/l

RT: 2.674 min Scan# 141

Delta R.T. -0.006 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

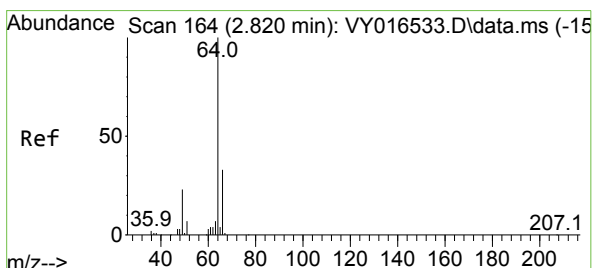
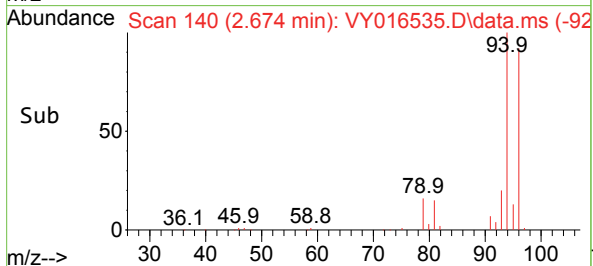
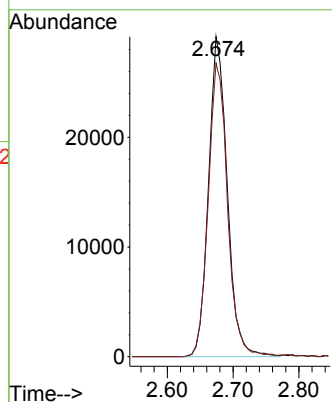
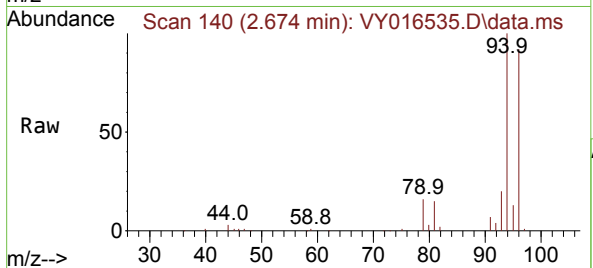
ClientSampleId :

Tgt Ion: 94 Resp: 57897

Ion Ratio Lower Upper

94 100

96 91.7 75.8 113.6



#6

Chloroethane

Concen: 49.025 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.000 min

Lab File: VY016535.D

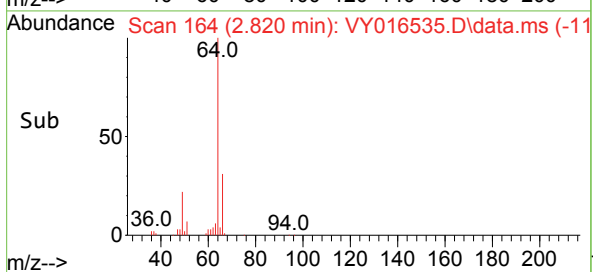
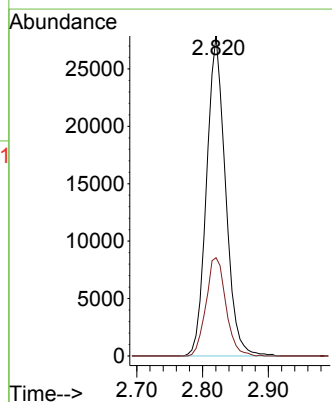
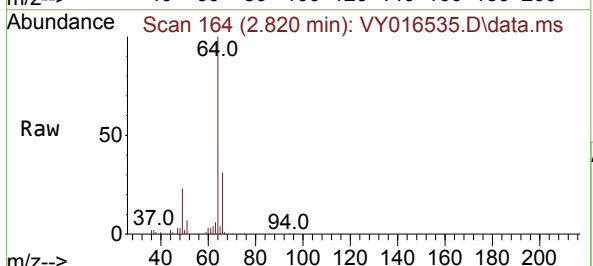
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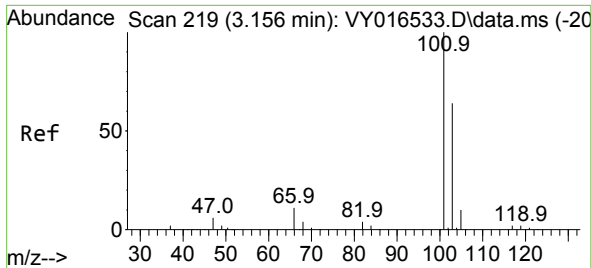
Tgt Ion: 64 Resp: 55770

Ion Ratio Lower Upper

64 100

66 30.7 24.4 36.6

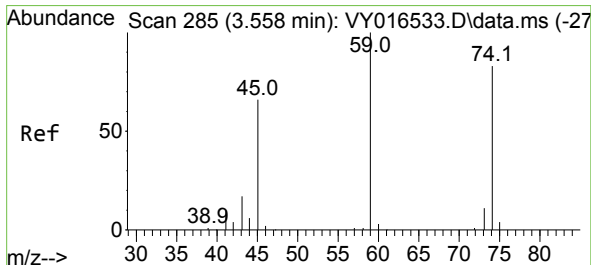
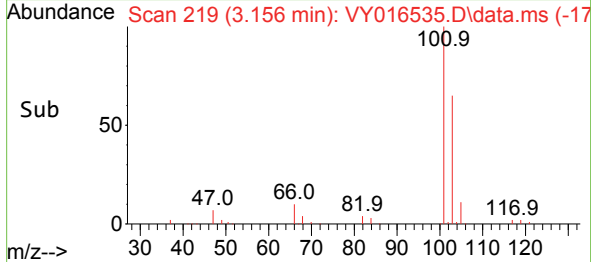
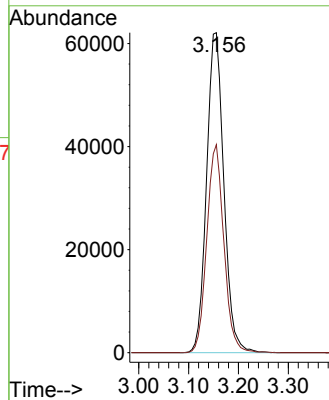
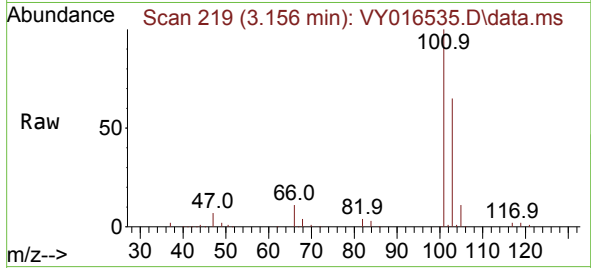




#7
 Trichlorofluoromethane
 Concen: 48.915 ug/l
 RT: 3.156 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY016535.D
 Acq: 29 Nov 2023 14:28

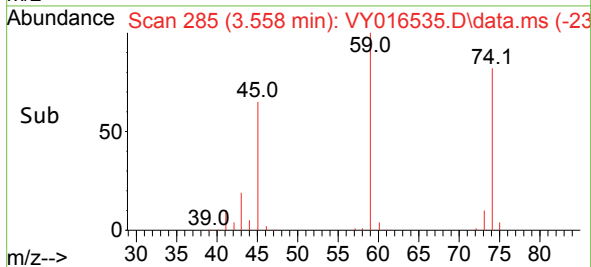
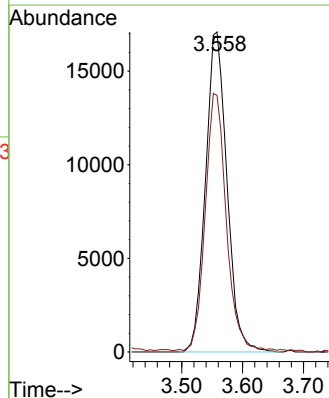
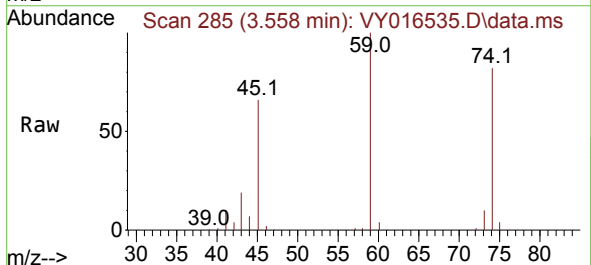
Instrument :
 MSVOA_Y
 ClientSampleId :

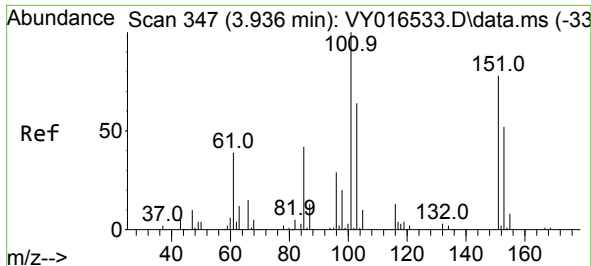
Tgt Ion:101 Resp: 149220
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.599 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY016535.D
 Acq: 29 Nov 2023 14:28

Tgt Ion: 74 Resp: 41808
 Ion Ratio Lower Upper
 74 100
 45 80.9 51.5 154.5

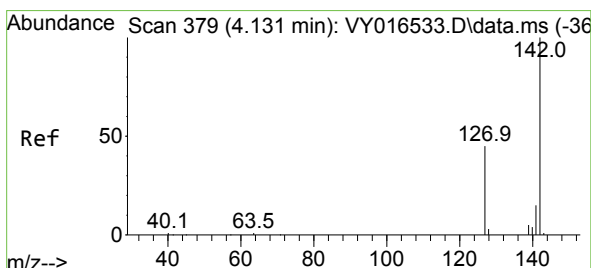
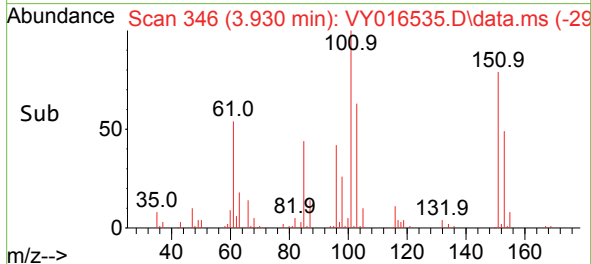
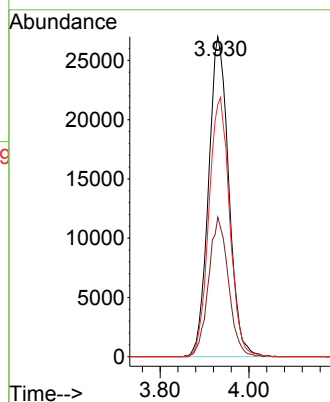
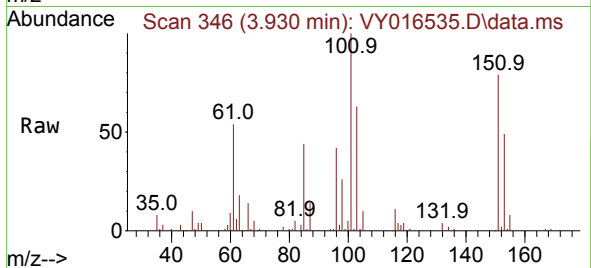




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.256 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

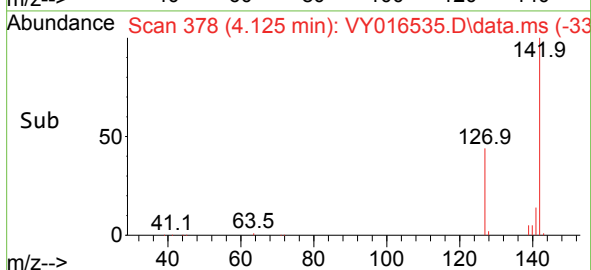
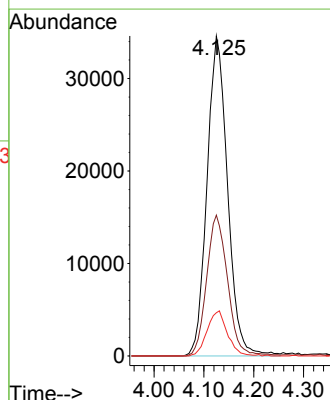
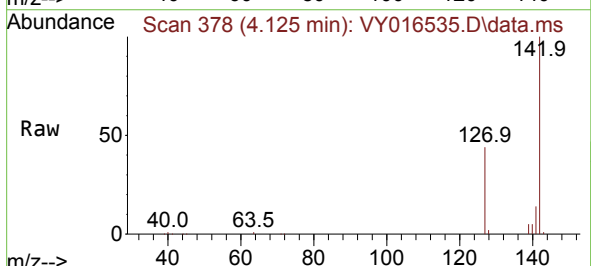
Instrument :
MSVOA_Y
ClientSampleId :

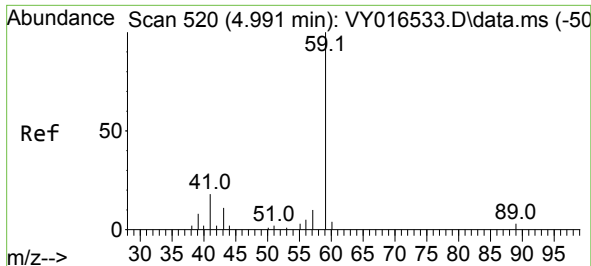
Tgt Ion:101 Resp: 85297
Ion Ratio Lower Upper
101 100
85 42.8 36.6 55.0
151 83.2 67.0 100.6



#10
Methyl Iodide
Concen: 50.515 ug/l
RT: 4.125 min Scan# 378
Delta R.T. -0.006 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

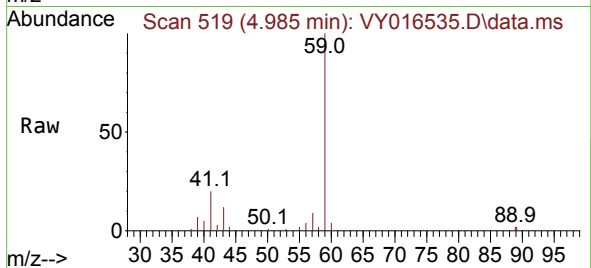
Tgt Ion:142 Resp: 98969
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.0 11.8 17.8



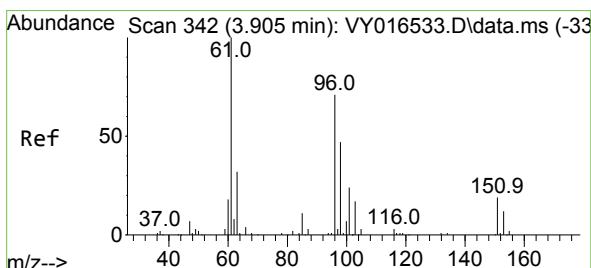
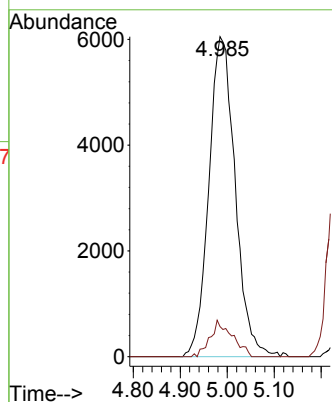
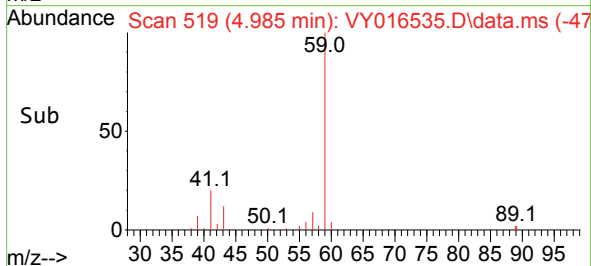


#11
Tert butyl alcohol
Concen: 261.186 ug/l
RT: 4.985 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :

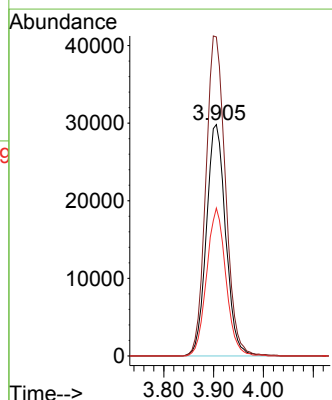
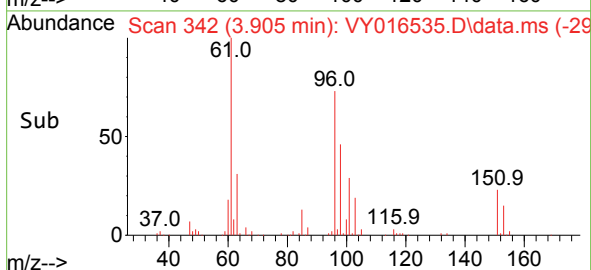
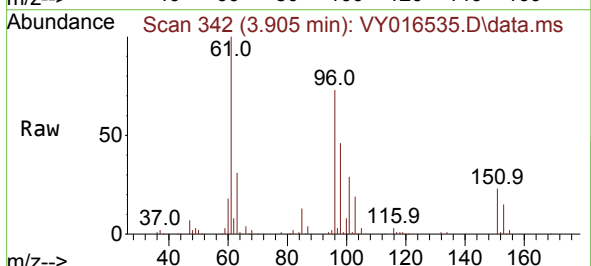


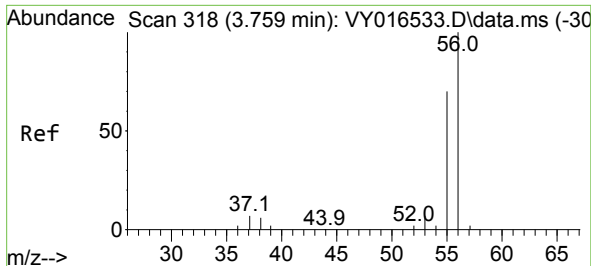
Tgt Ion: 59 Resp: 23498
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.542 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 96 Resp: 80180
Ion Ratio Lower Upper
96 100
61 137.9 136.4 204.6
98 63.9 49.4 74.2





#13

Acrolein

Concen: 267.461 ug/l

RT: 3.759 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

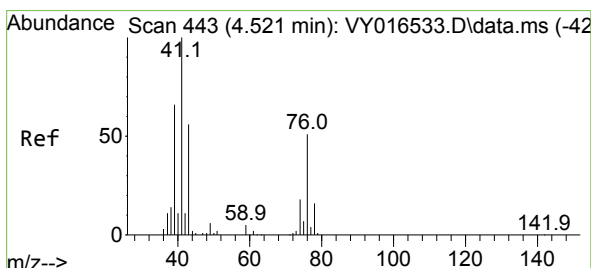
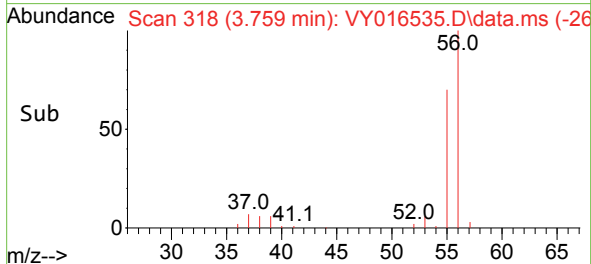
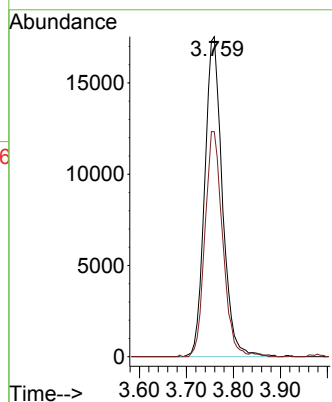
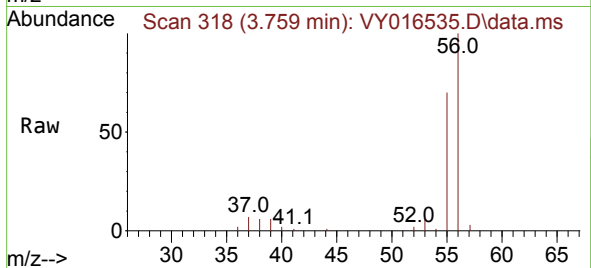
ClientSampleId :

Tgt Ion: 56 Resp: 45596

Ion Ratio Lower Upper

56 100

55 70.2 57.0 85.4



#14

Allyl chloride

Concen: 50.934 ug/l

RT: 4.515 min Scan# 442

Delta R.T. -0.006 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

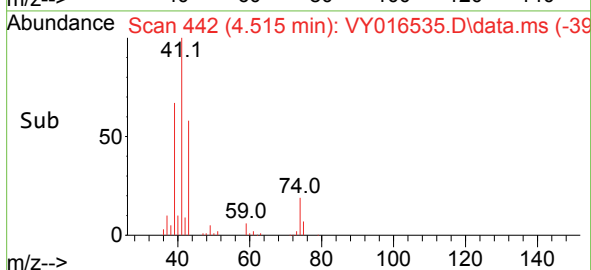
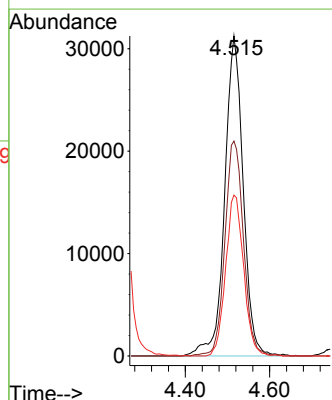
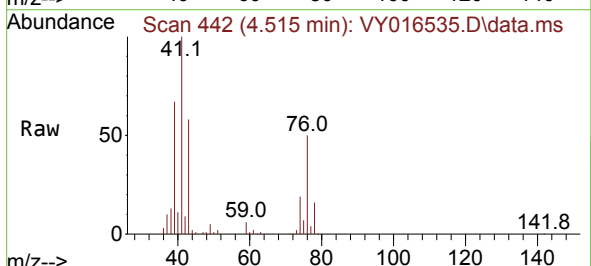
Tgt Ion: 41 Resp: 94766

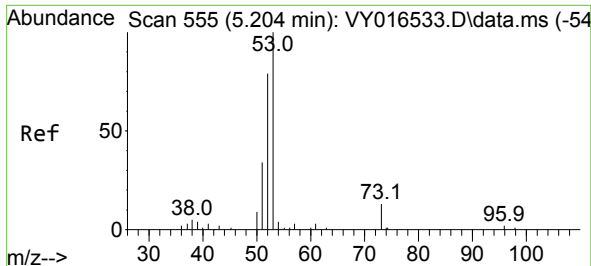
Ion Ratio Lower Upper

41 100

39 67.6 58.0 87.0

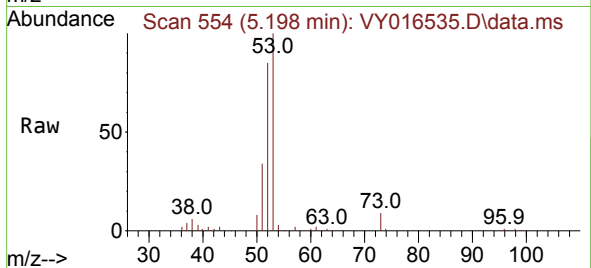
76 49.1 27.4 41.2#



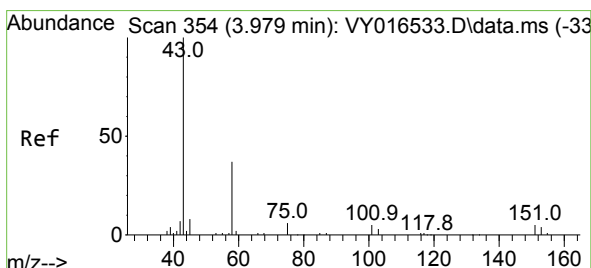
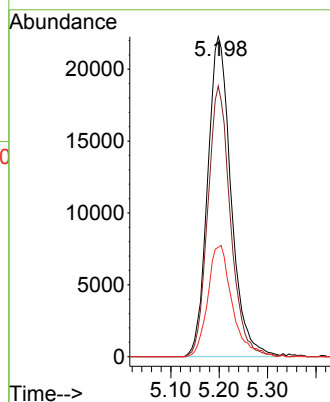
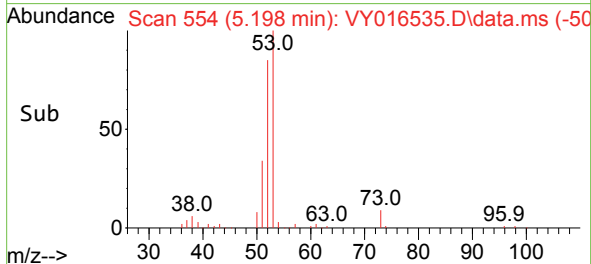


#15
Acrylonitrile
Concen: 262.191 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :

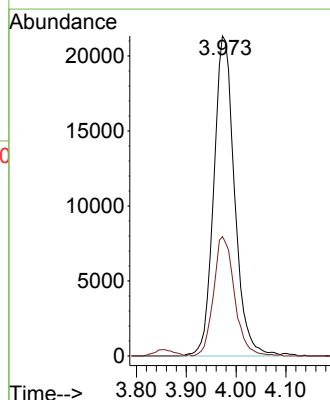
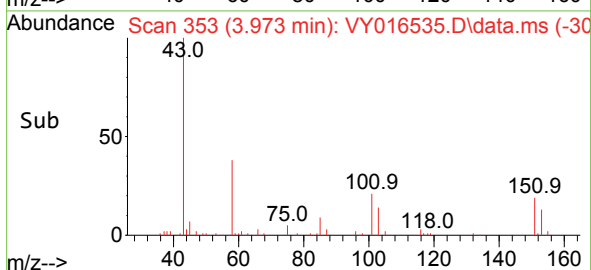
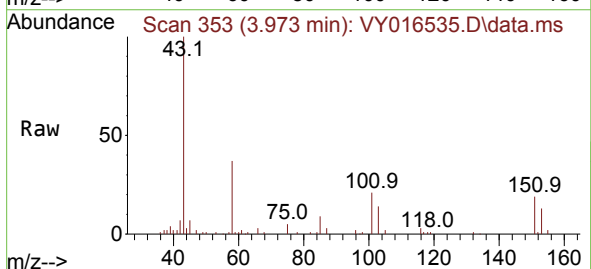


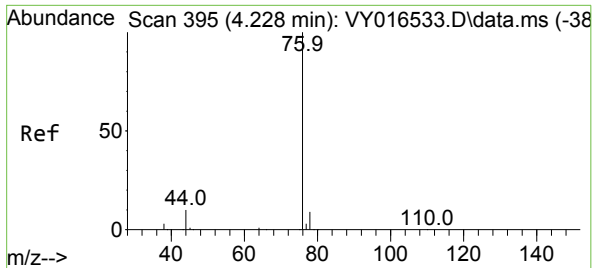
Tgt Ion: 53 Resp: 75175
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 223.245 ug/l
RT: 3.973 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 43 Resp: 61676
Ion Ratio Lower Upper
43 100
58 37.0 22.7 34.1#

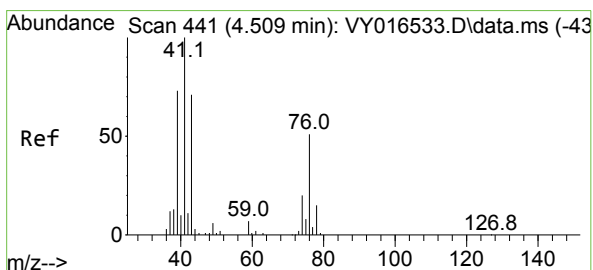
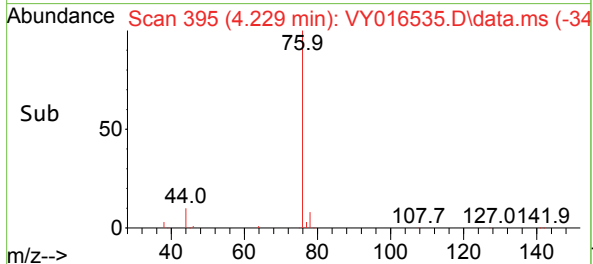
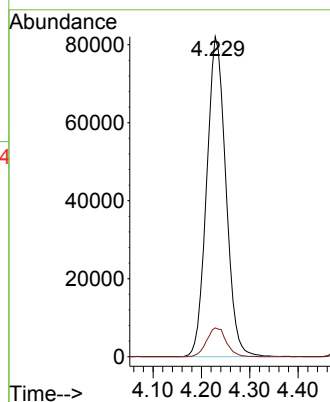
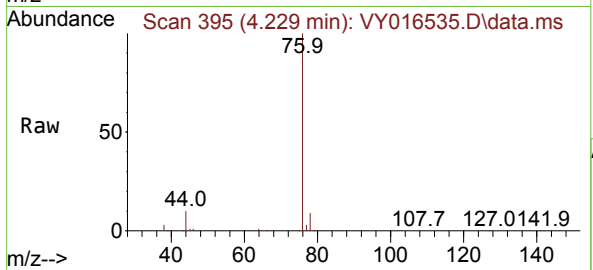




#17
Carbon Disulfide
Concen: 49.480 ug/l
RT: 4.229 min Scan# 395
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

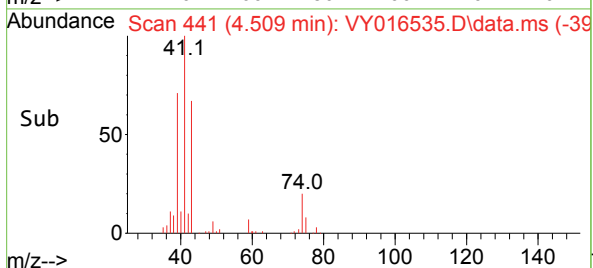
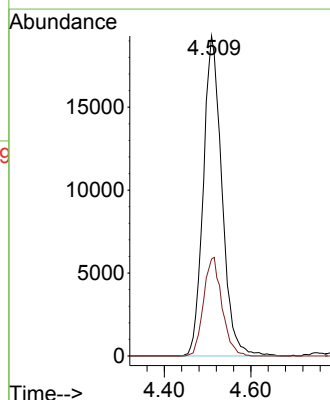
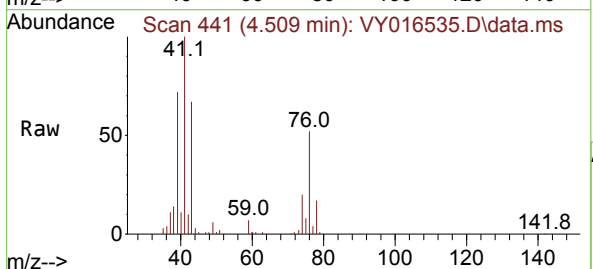
Instrument :
MSVOA_Y
ClientSampleId :

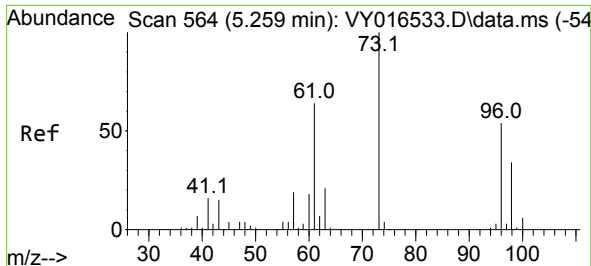
Tgt Ion: 76 Resp: 225929
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 54.751 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 43 Resp: 57527
Ion Ratio Lower Upper
43 100
74 30.5 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 53.032 ug/l

RT: 5.259 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

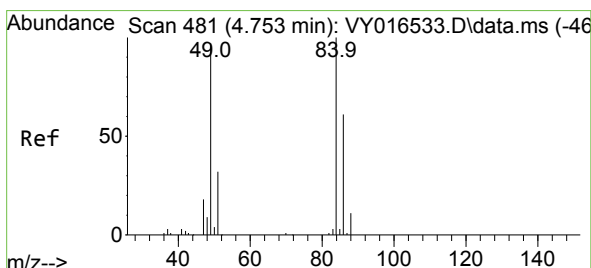
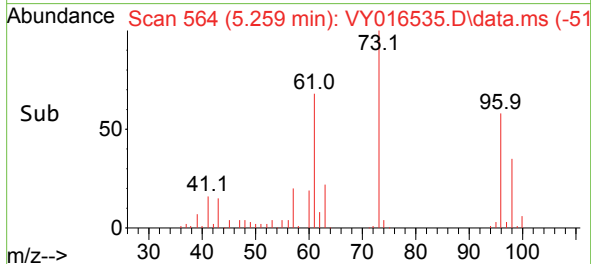
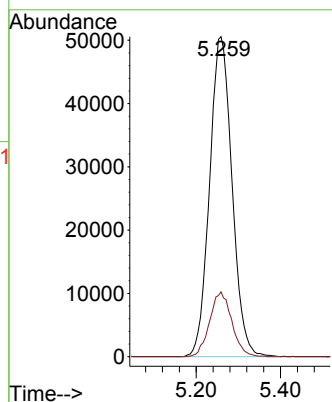
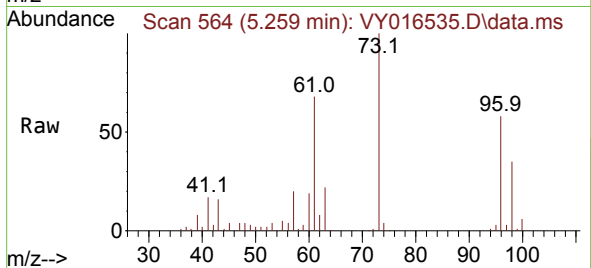
ClientSampleId :

Tgt Ion: 73 Resp: 187039

Ion Ratio Lower Upper

73 100

57 20.2 17.3 25.9



#20

Methylene Chloride

Concen: 51.587 ug/l

RT: 4.753 min Scan# 481

Delta R.T. -0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Tgt Ion: 84 Resp: 85486

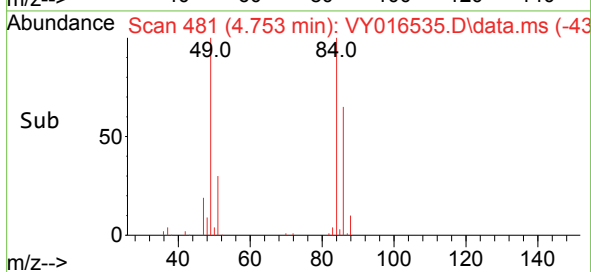
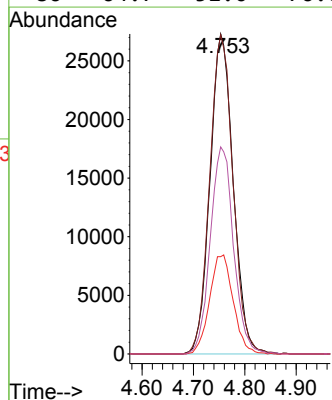
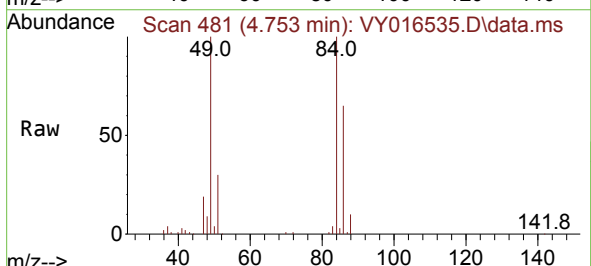
Ion Ratio Lower Upper

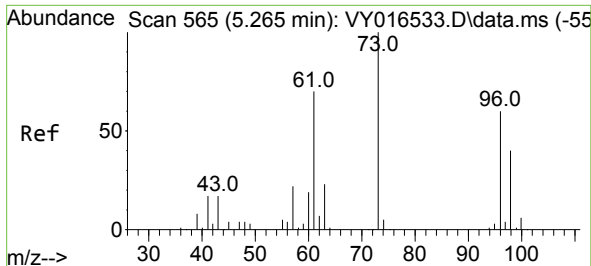
84 100

49 99.8 106.9 160.3#

51 30.4 33.2 49.8#

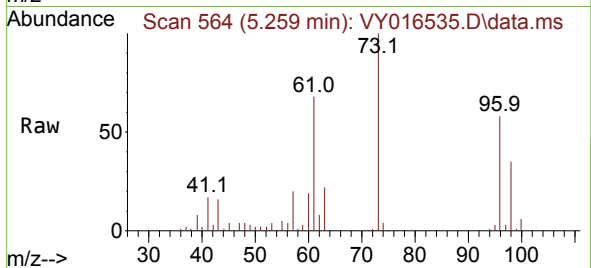
86 64.7 51.0 76.6



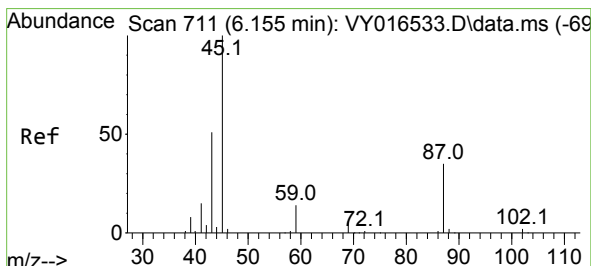
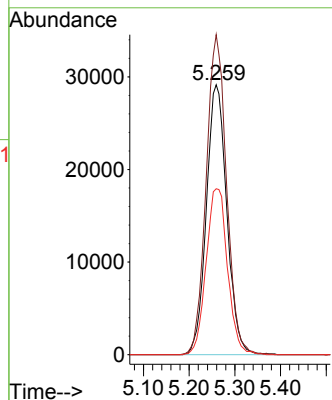
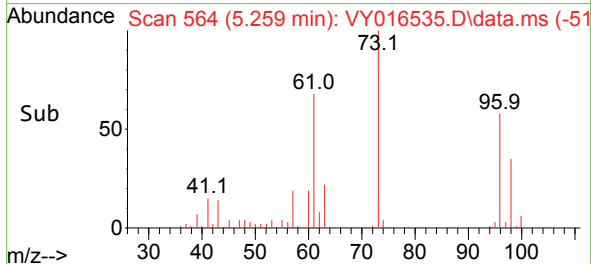


#21
trans-1,2-Dichloroethene
Concen: 50.303 ug/l
RT: 5.259 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :

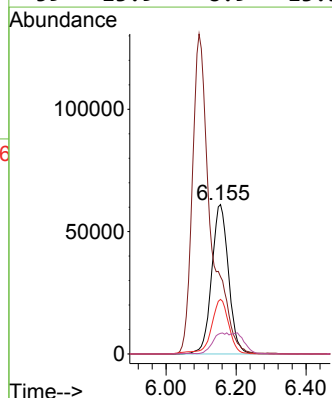
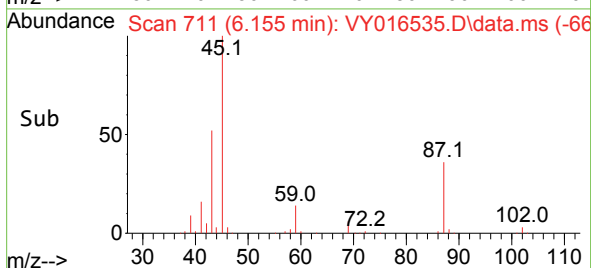
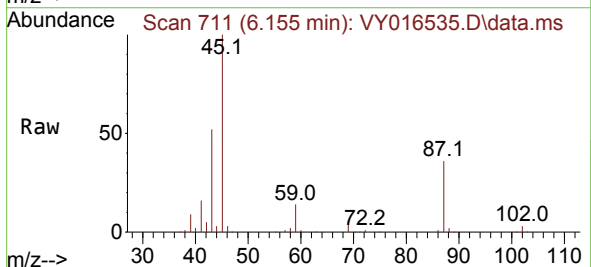


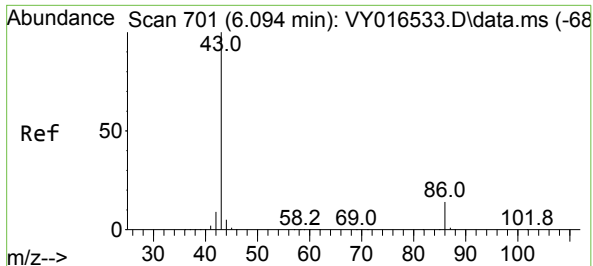
Tgt Ion: 96 Resp: 90675
Ion Ratio Lower Upper
96 100
61 118.5 110.2 165.4
98 61.5 51.8 77.6



#22
Diisopropyl ether
Concen: 52.288 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 45 Resp: 203991
Ion Ratio Lower Upper
45 100
43 51.5 52.2 78.4#
87 36.4 21.0 31.6#
59 13.9 8.9 13.3#

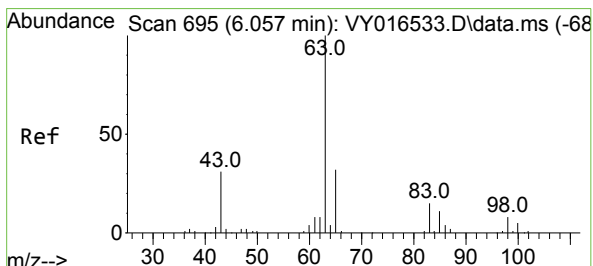
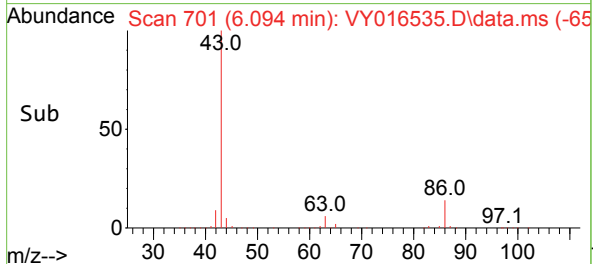
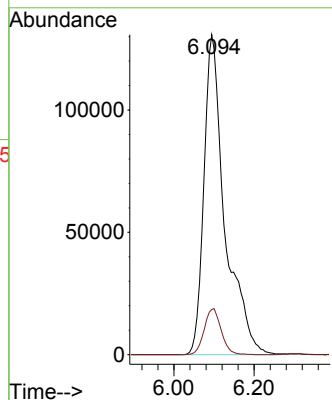
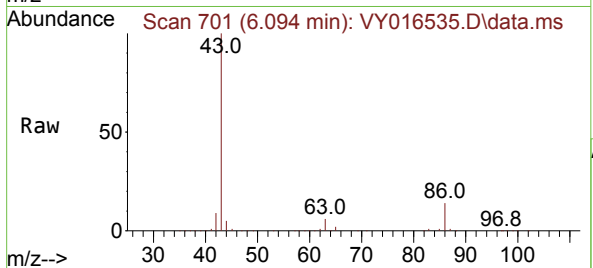




#23
 Vinyl Acetate
 Concen: 264.202 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.000 min
 Lab File: VY016535.D
 Acq: 29 Nov 2023 14:28

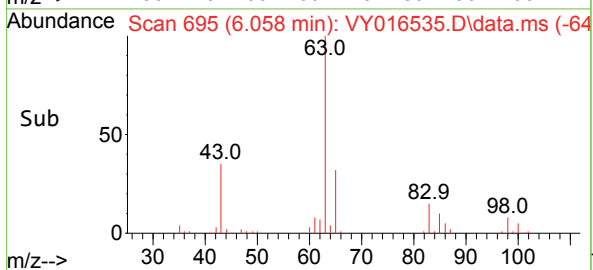
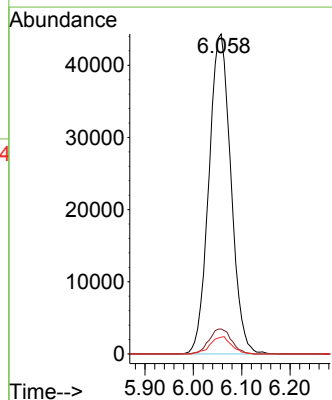
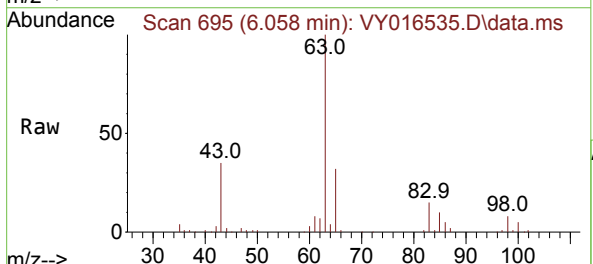
Instrument :
 MSVOA_Y
 ClientSampleId :

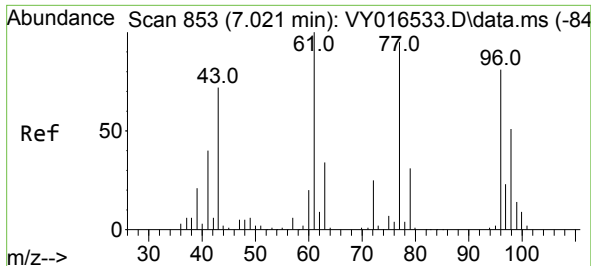
Tgt Ion: 43 Resp: 475324
 Ion Ratio Lower Upper
 43 100
 86 14.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.908 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY016535.D
 Acq: 29 Nov 2023 14:28

Tgt Ion: 63 Resp: 140162
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 231.234 ug/l

RT: 7.015 min Scan# 852

Delta R.T. -0.006 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

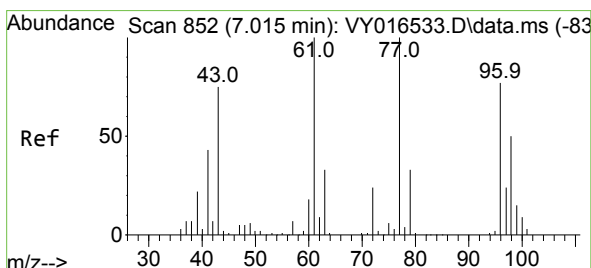
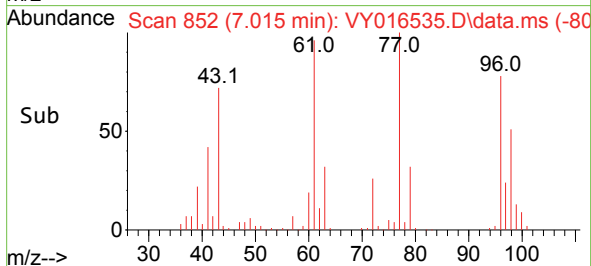
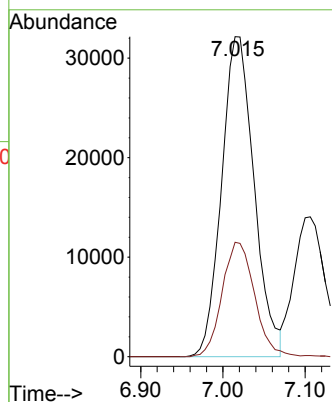
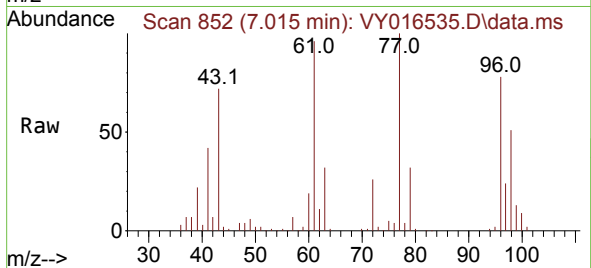
ClientSampleId :

Tgt Ion: 43 Resp: 88556

Ion Ratio Lower Upper

43 100

72 35.8 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 49.352 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.000 min

Lab File: VY016535.D

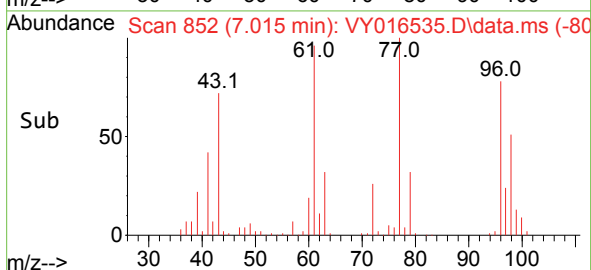
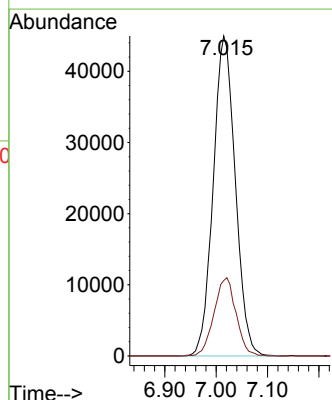
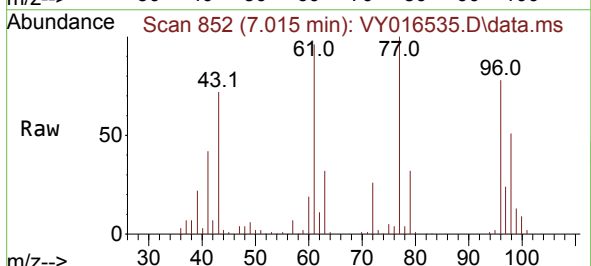
Acq: 29 Nov 2023 14:28

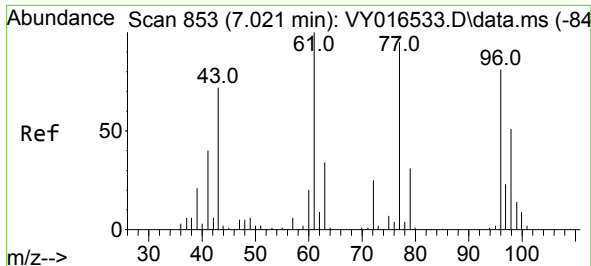
Tgt Ion: 77 Resp: 134296

Ion Ratio Lower Upper

77 100

97 24.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.586 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

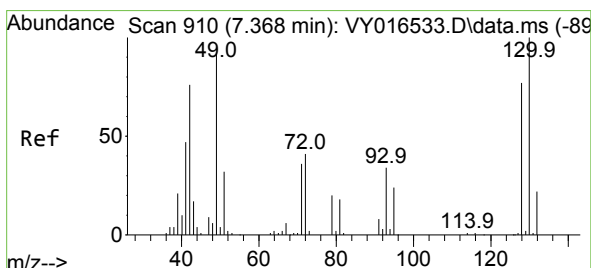
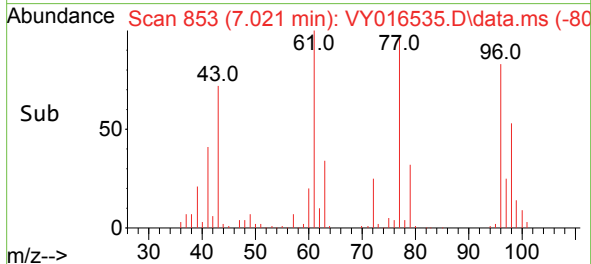
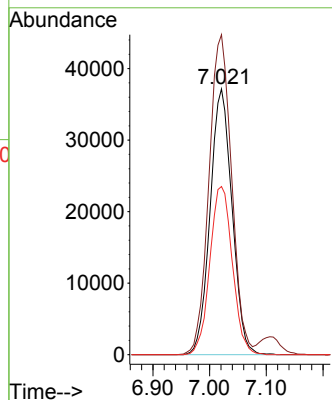
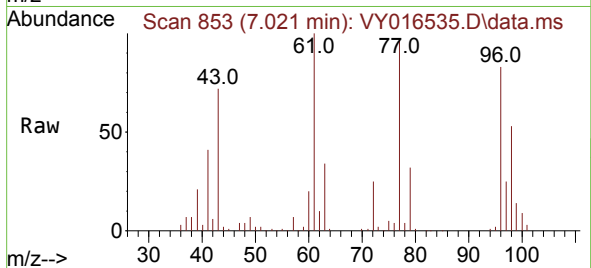
Tgt Ion: 96 Resp: 99900

Ion Ratio Lower Upper

96 100

61 124.4 0.0 301.4

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 50.923 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

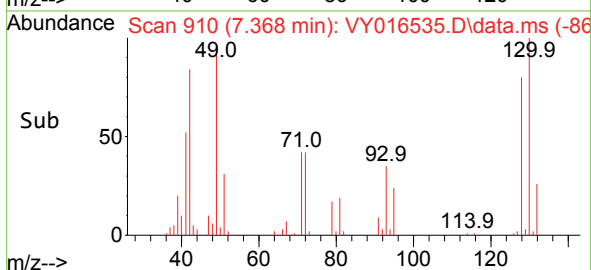
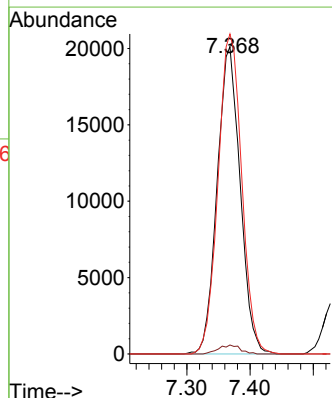
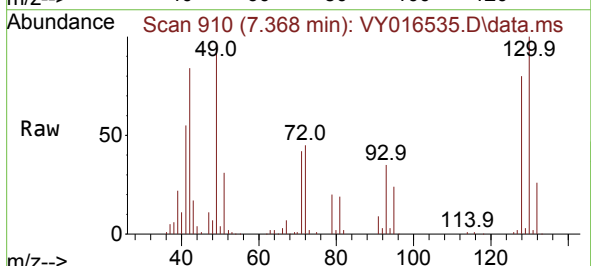
Tgt Ion: 49 Resp: 50671

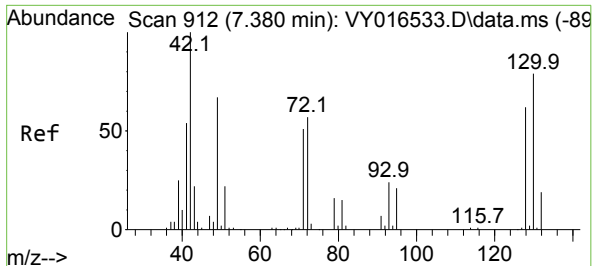
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 107.2 60.7 91.1#





#29

Tetrahydrofuran

Concen: 278.116 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.000 min

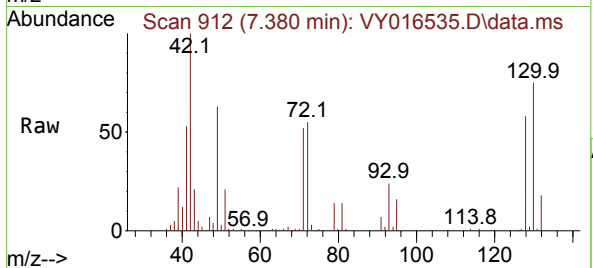
Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :



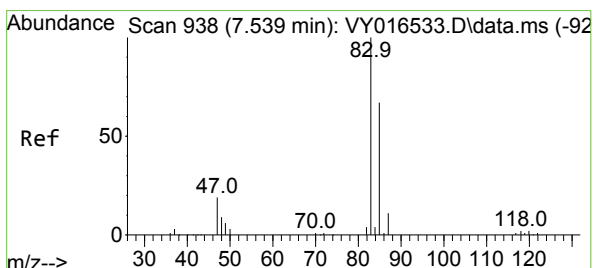
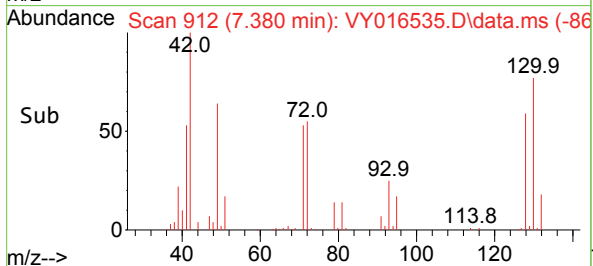
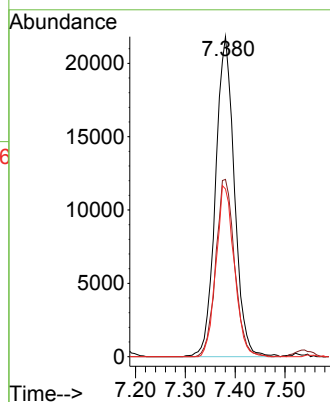
Tgt Ion: 42 Resp: 57219

Ion Ratio Lower Upper

42 100

72 55.5 32.8 49.2#

71 51.8 31.0 46.4#



#30

Chloroform

Concen: 50.563 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.000 min

Lab File: VY016535.D

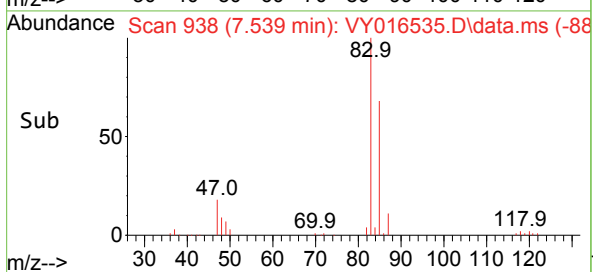
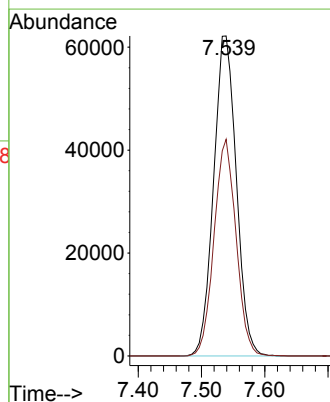
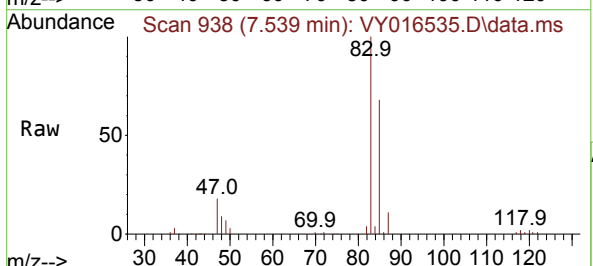
Acq: 29 Nov 2023 14:28

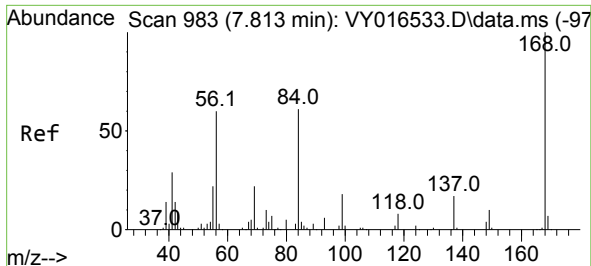
Tgt Ion: 83 Resp: 155165

Ion Ratio Lower Upper

83 100

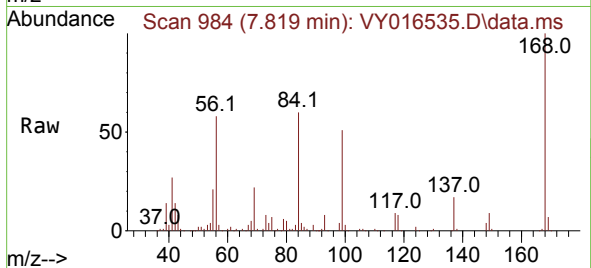
85 67.7 49.7 74.5



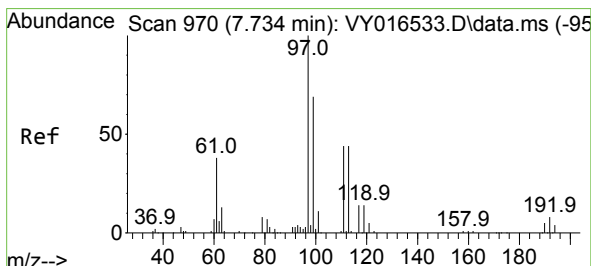
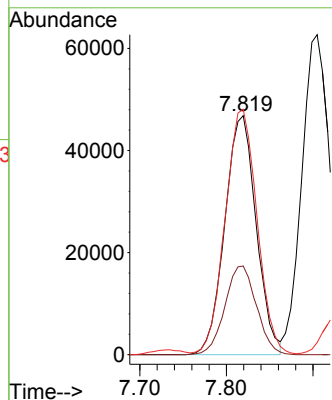
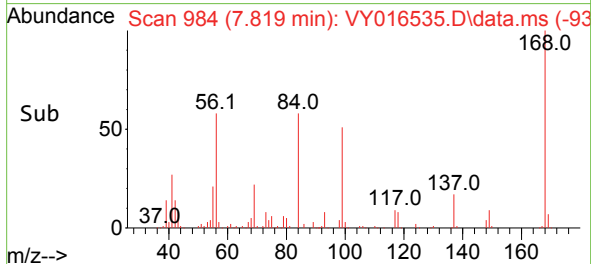


#31
Cyclohexane
Concen: 47.391 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :

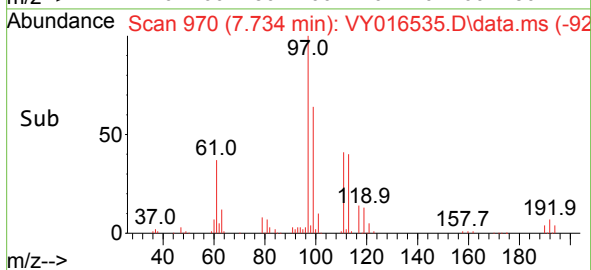
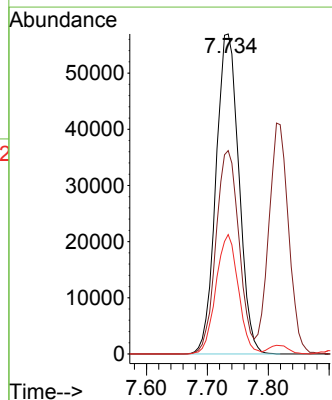
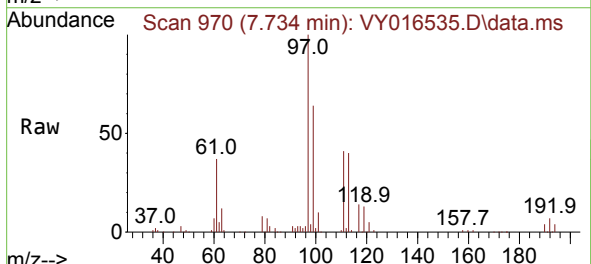


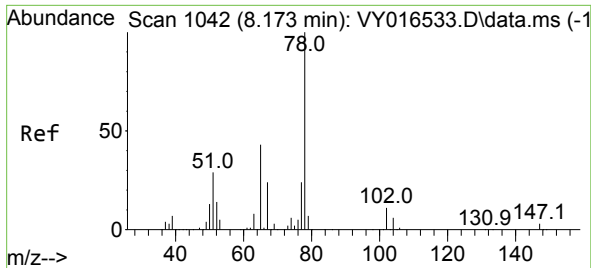
Tgt Ion: 56 Resp: 118097
Ion Ratio Lower Upper
56 100
69 37.1 27.8 41.6
84 101.1 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 50.099 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 97 Resp: 148981
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 36.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.506 ug/l

RT: 8.167 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

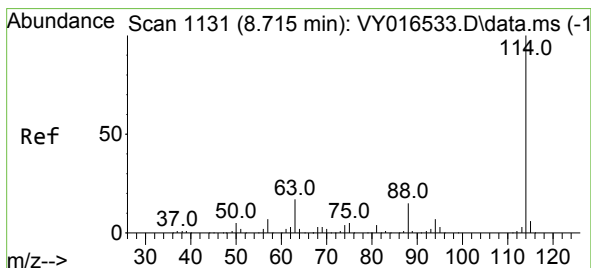
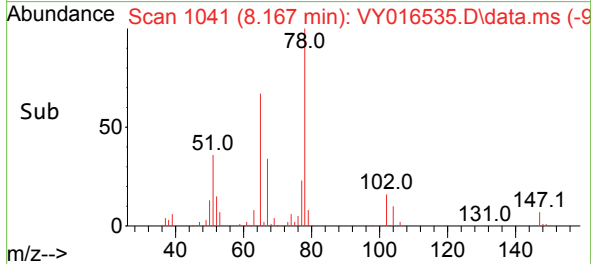
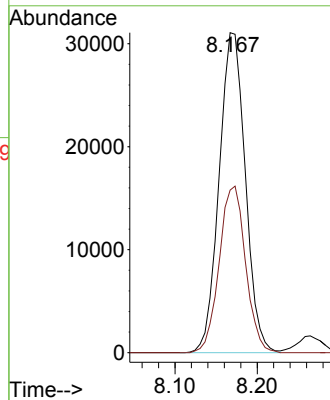
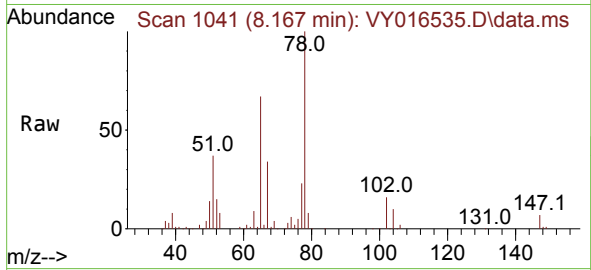
ClientSampleId :

Tgt Ion: 65 Resp: 68852

Ion Ratio Lower Upper

65 100

67 52.4 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: VY016535.D

Acq: 29 Nov 2023 14:28

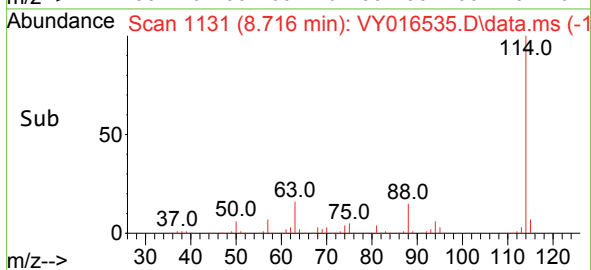
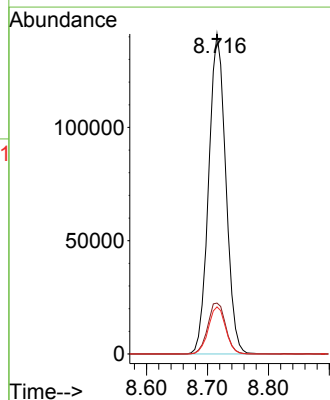
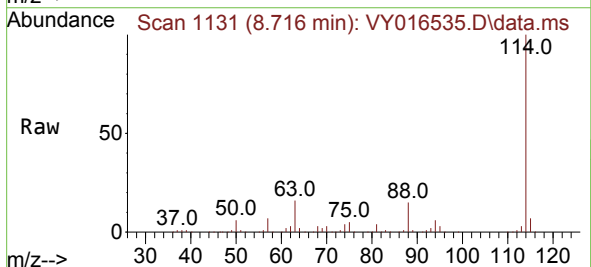
Tgt Ion: 114 Resp: 275498

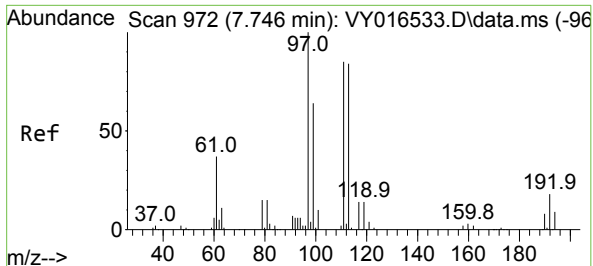
Ion Ratio Lower Upper

114 100

63 15.9 0.0 42.4

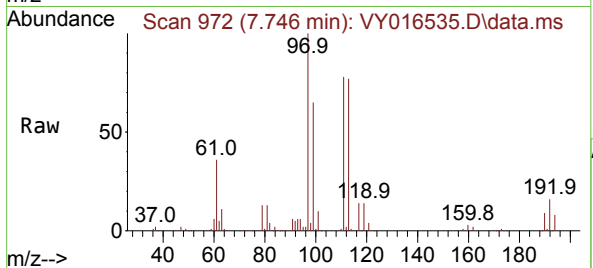
88 14.7 0.0 30.6



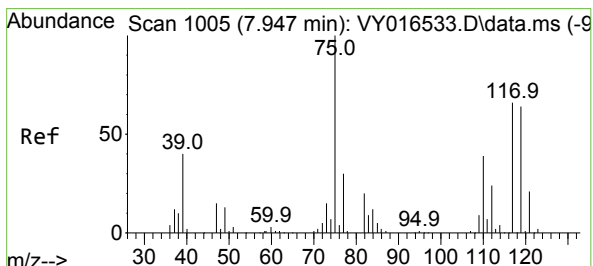
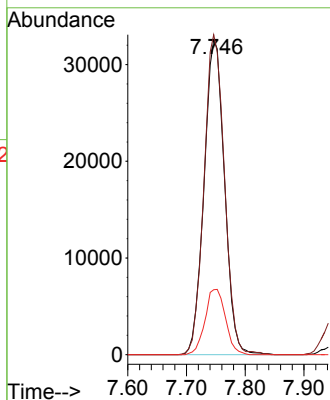
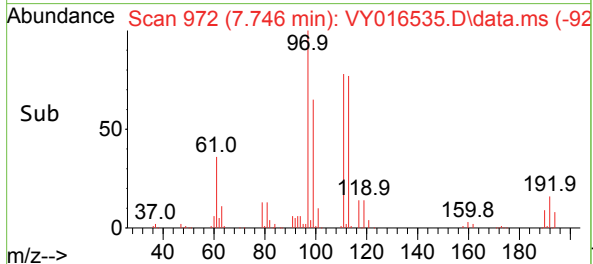


#35
Dibromofluoromethane
Concen: 48.656 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

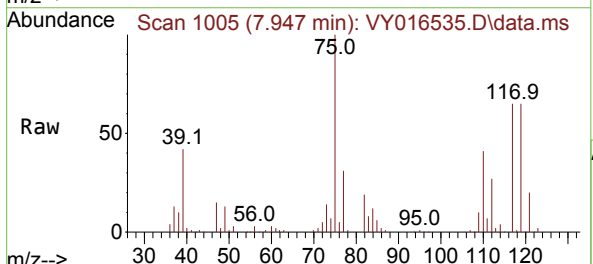
Instrument :
MSVOA_Y
ClientSampleId :



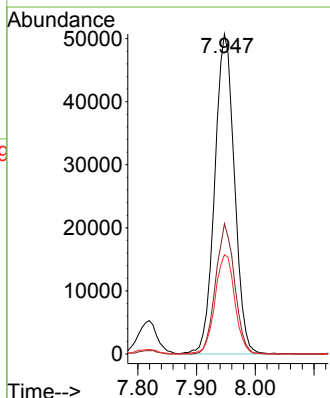
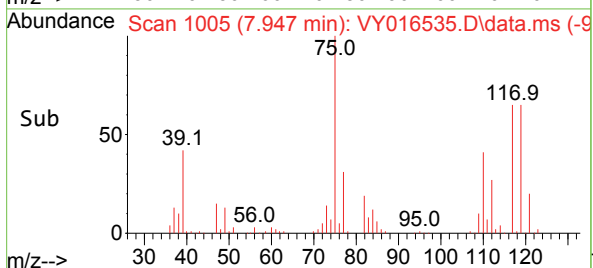
Tgt Ion:113 Resp: 78673
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 20.8 16.9 25.3

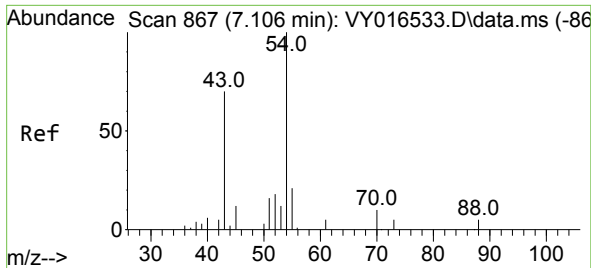


#36
1,1-Dichloropropene
Concen: 49.474 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28



Tgt Ion: 75 Resp: 118130
Ion Ratio Lower Upper
75 100
110 39.1 17.8 53.5
77 31.2 24.4 36.6

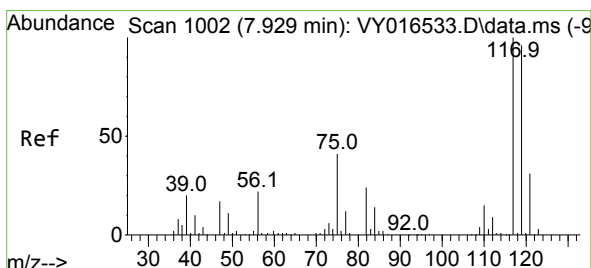
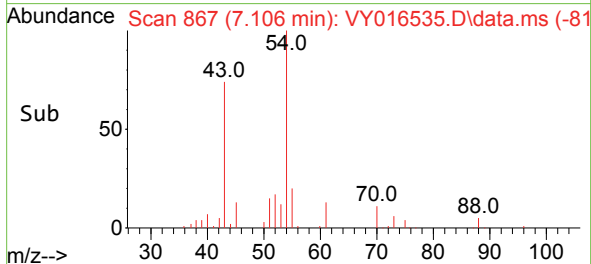
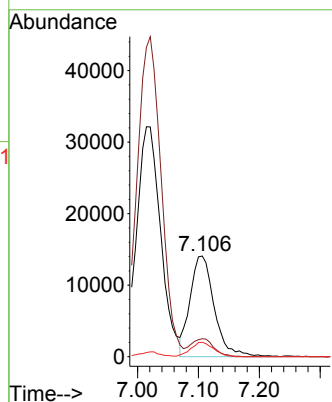
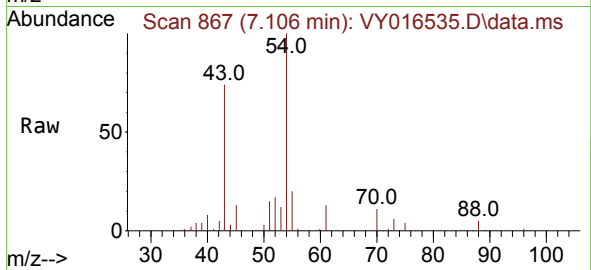




#37
Ethyl Acetate
Concen: 51.941 ug/l
RT: 7.106 min Scan# 867
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

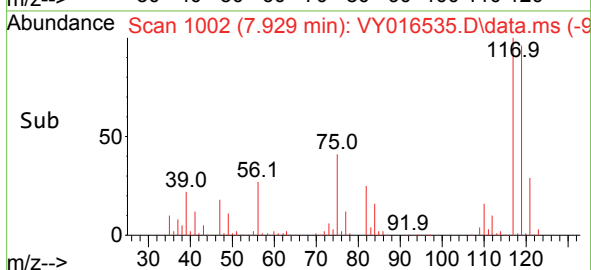
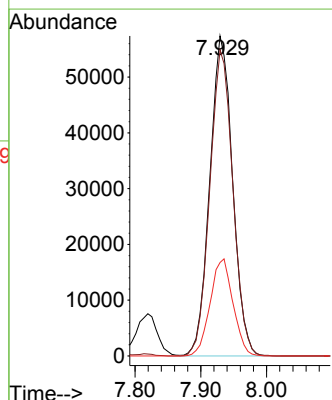
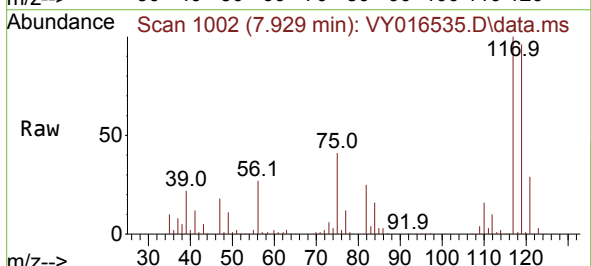
Instrument :
MSVOA_Y
ClientSampleId :

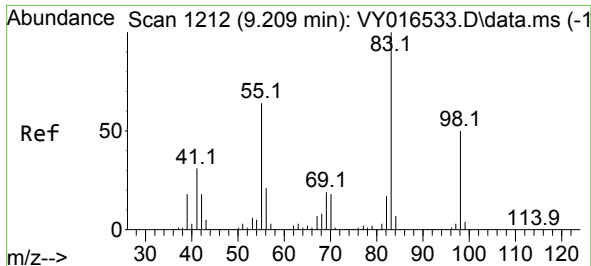
Tgt Ion: 43 Resp: 38871
Ion Ratio Lower Upper
43 100
61 17.0 10.1 15.1#
70 13.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 49.491 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 117 Resp: 138697
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6
121 29.2 25.8 38.6





#39

Methylcyclohexane

Concen: 50.198 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

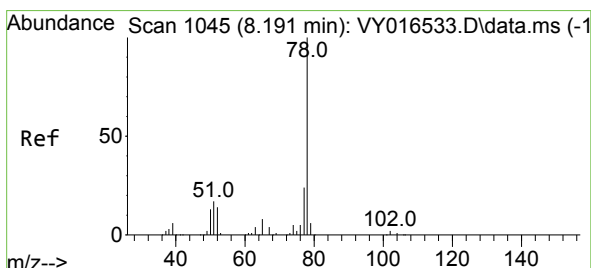
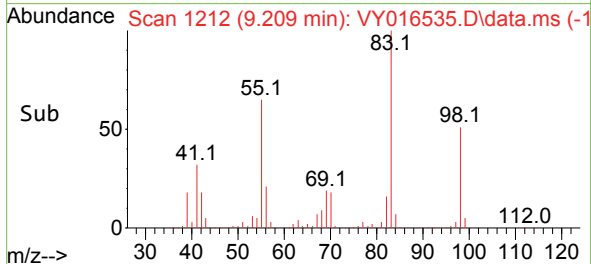
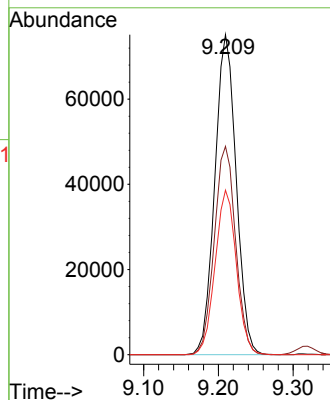
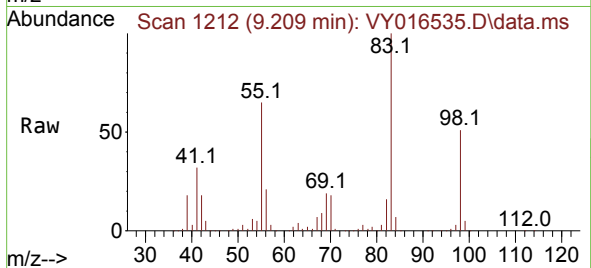
Tgt Ion: 83 Resp: 149501

Ion Ratio Lower Upper

83 100

55 65.1 63.0 94.4

98 51.4 37.4 56.2



#40

Benzene

Concen: 50.324 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY016535.D

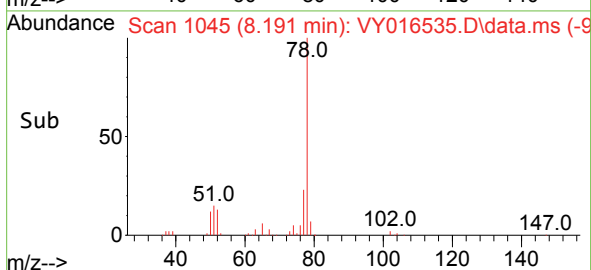
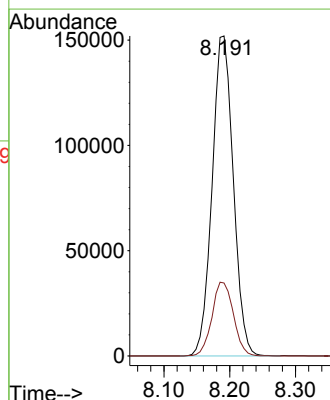
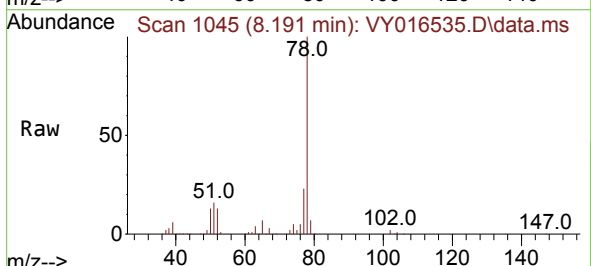
Acq: 29 Nov 2023 14:28

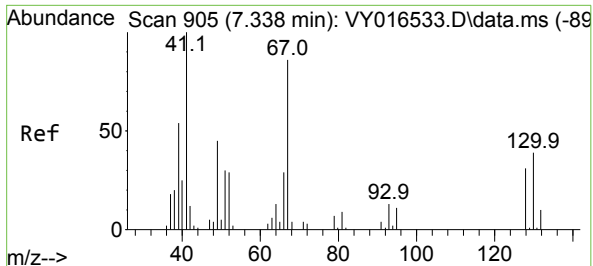
Tgt Ion: 78 Resp: 340691

Ion Ratio Lower Upper

78 100

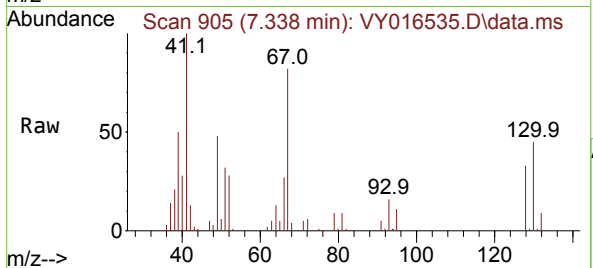
77 22.8 19.0 28.6



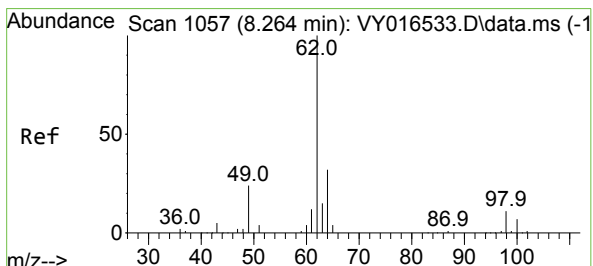
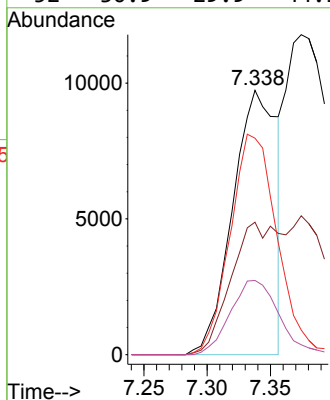
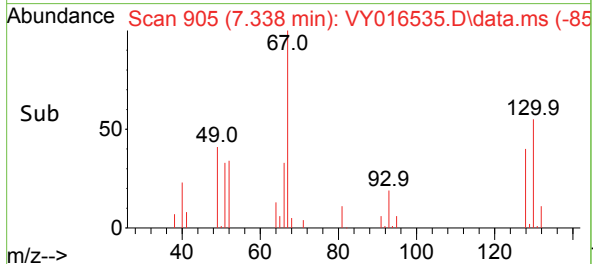


#41
Methacrylonitrile
Concen: 59.807 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :

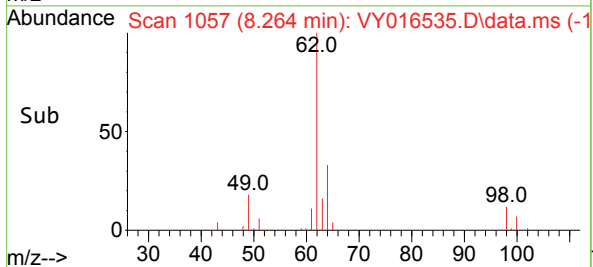
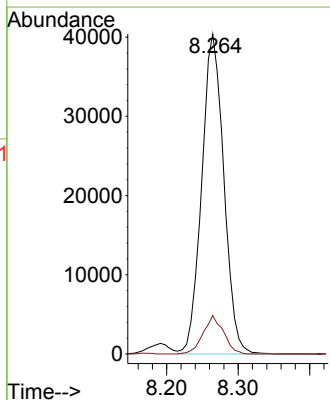
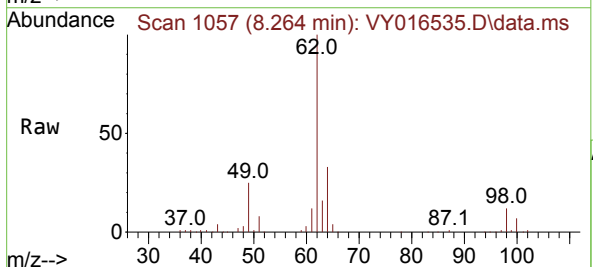


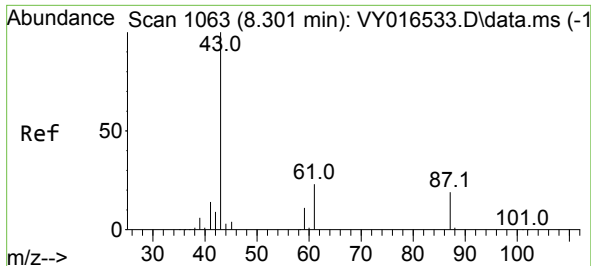
Tgt Ion: 41 Resp: 23577
Ion Ratio Lower Upper
41 100
39 38.0 52.1 78.1#
67 89.5 66.2 99.2
52 30.9 29.9 44.9



#42
1,2-Dichloroethane
Concen: 51.682 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 62 Resp: 86705
Ion Ratio Lower Upper
62 100
98 11.1 0.0 15.8

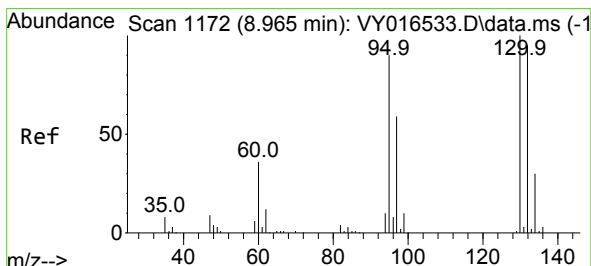
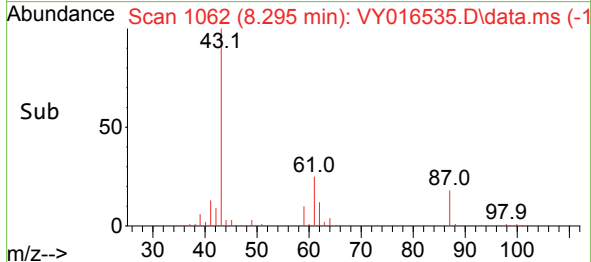
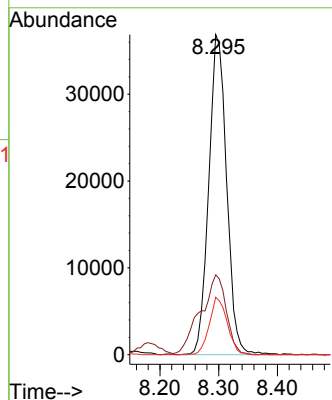
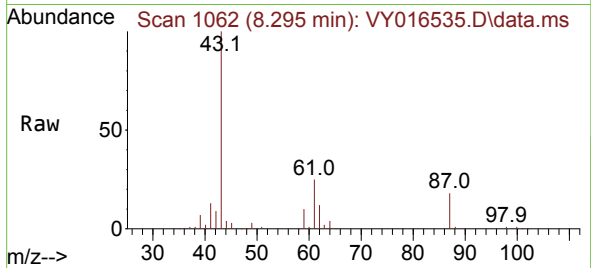




#43
Isopropyl Acetate
Concen: 52.981 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

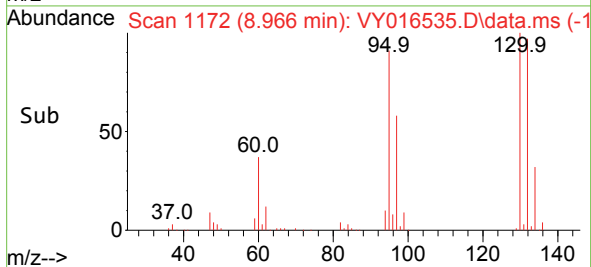
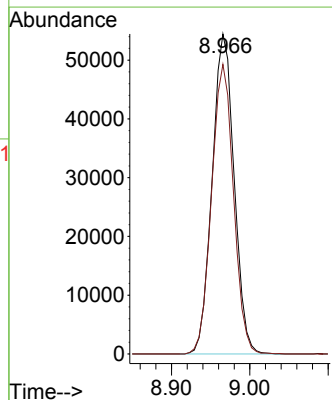
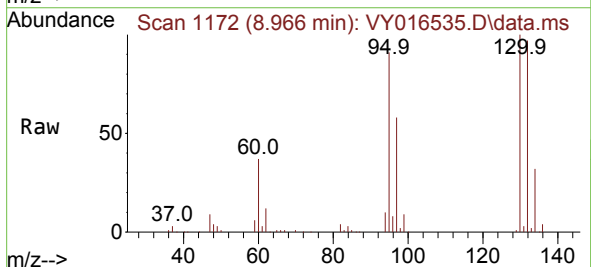
Instrument :
MSVOA_Y
ClientSampleId :

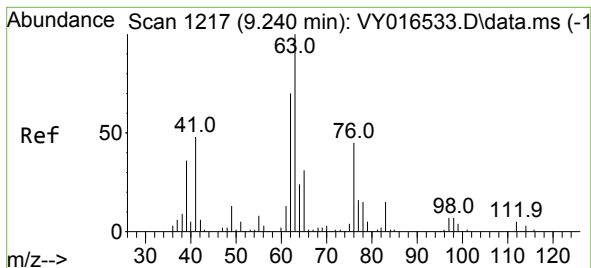
Tgt Ion: 43 Resp: 77966
Ion Ratio Lower Upper
43 100
61 35.9 21.1 31.7#
87 17.9 9.8 14.8#



#44
Trichloroethene
Concen: 50.889 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion:130 Resp: 106116
Ion Ratio Lower Upper
130 100
95 90.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.300 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

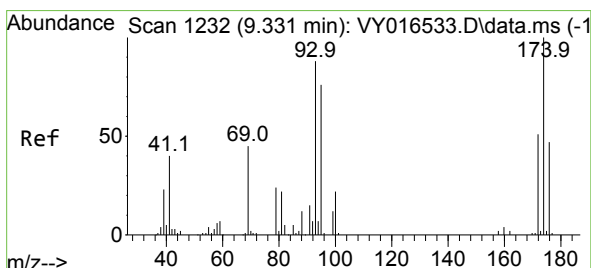
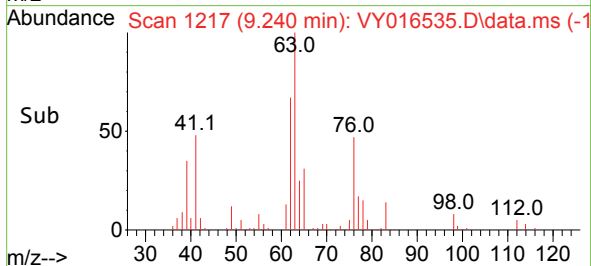
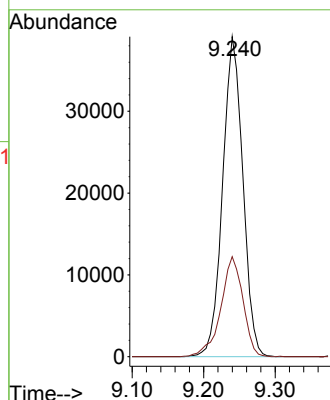
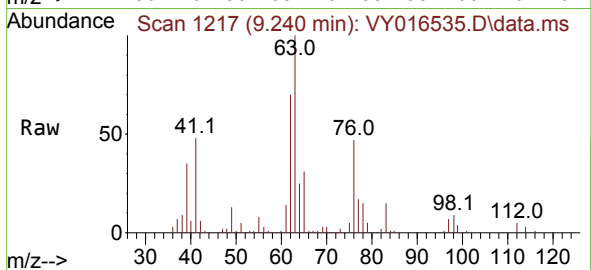
ClientSampleId :

Tgt Ion: 63 Resp: 76839

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 52.711 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

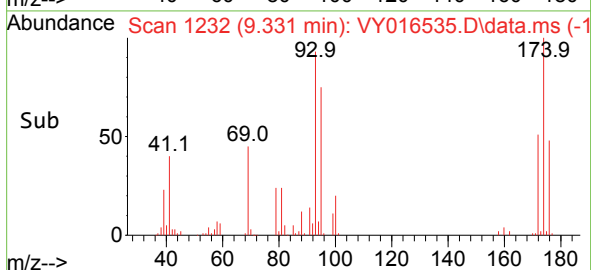
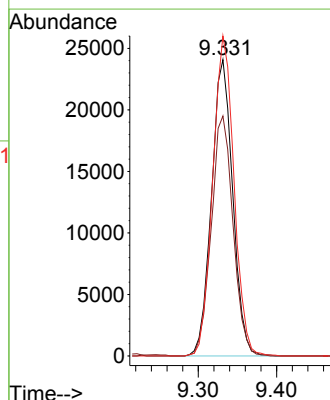
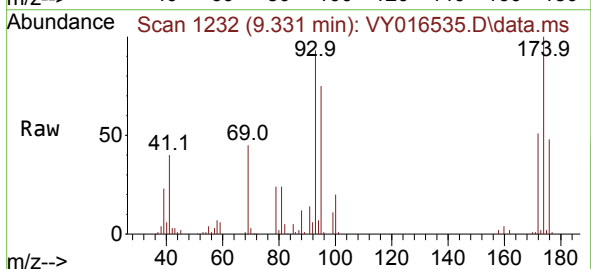
Tgt Ion: 93 Resp: 45278

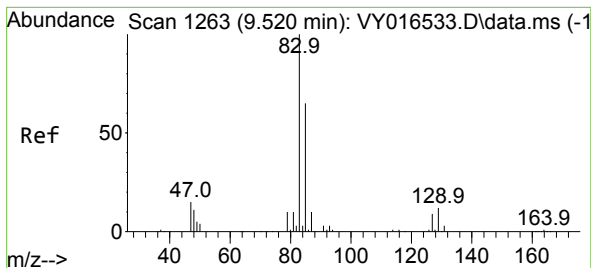
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 108.5 84.8 127.2





#47

Bromodichloromethane

Concen: 51.437 ug/l

RT: 9.520 min Scan# 116655

Delta R.T. 0.000 min

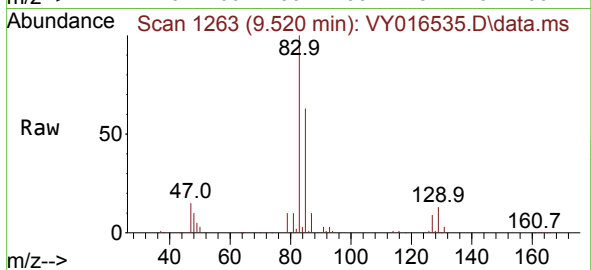
Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :



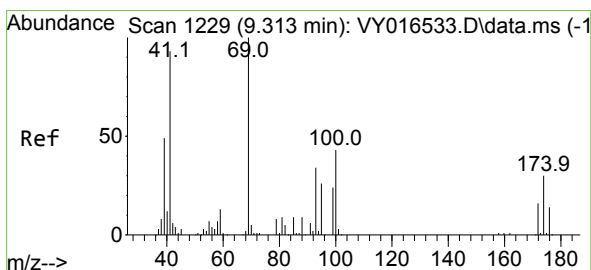
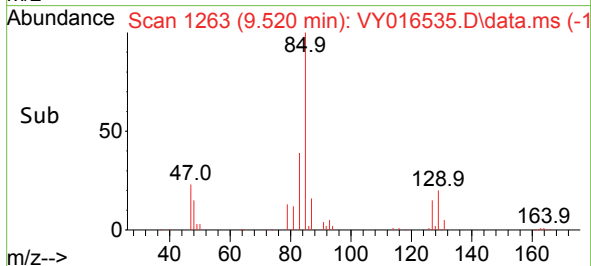
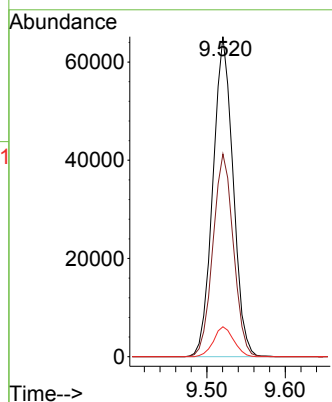
Tgt Ion: 83 Resp: 116655

Ion Ratio Lower Upper

83 100

85 63.4 50.1 75.1

127 9.4 7.1 10.7



#48

Methyl methacrylate

Concen: 53.760 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

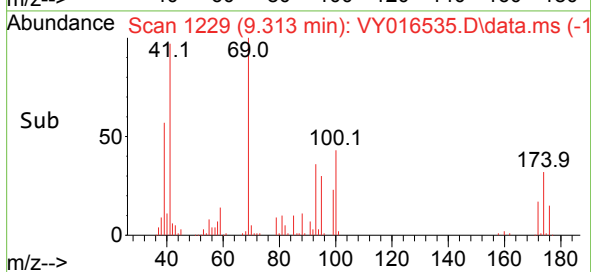
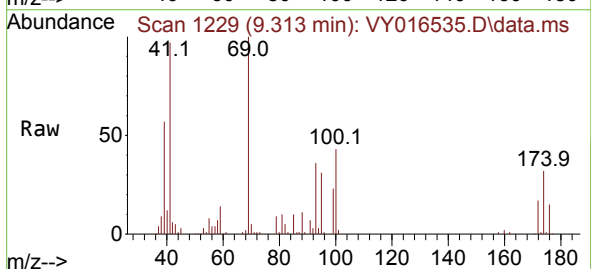
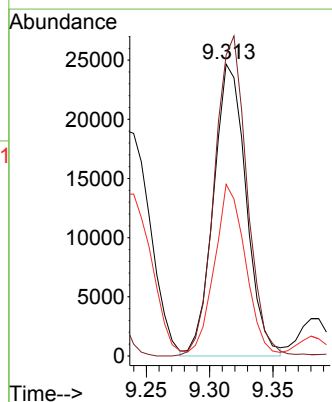
Tgt Ion: 41 Resp: 44415

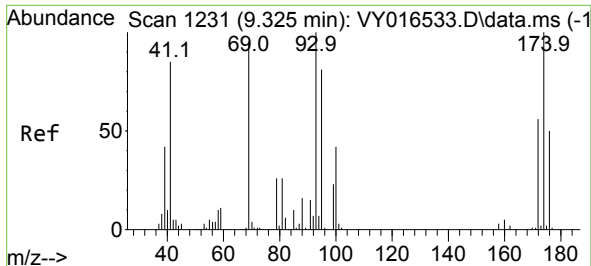
Ion Ratio Lower Upper

41 100

69 108.6 64.5 96.7#

39 53.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1129.757 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

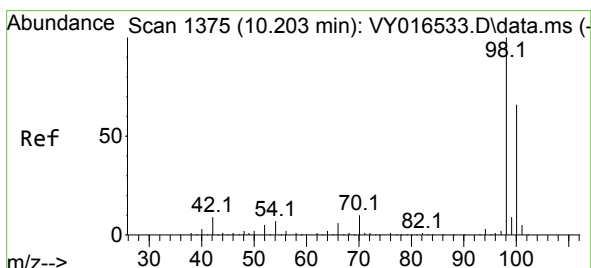
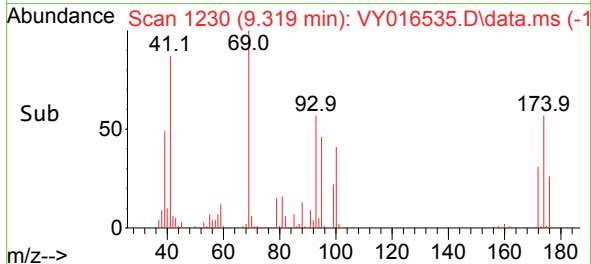
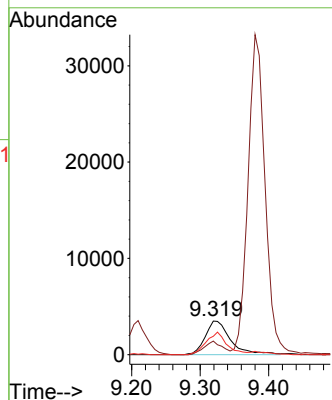
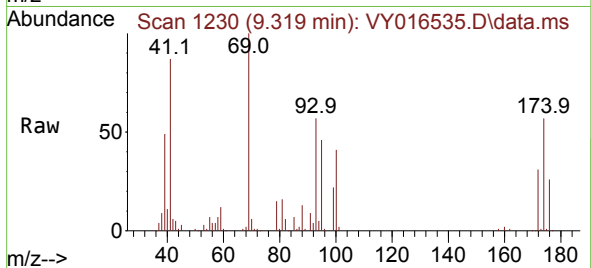
Tgt Ion: 88 Resp: 8995

Ion Ratio Lower Upper

88 100

43 29.0 0.0 0.0#

58 54.7 30.9 46.3#



#50

Toluene-d8

Concen: 48.182 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY016535.D

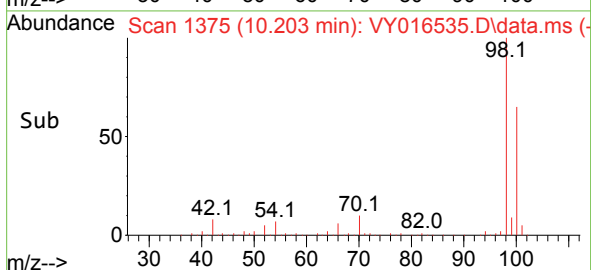
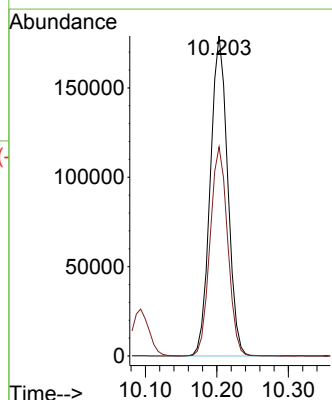
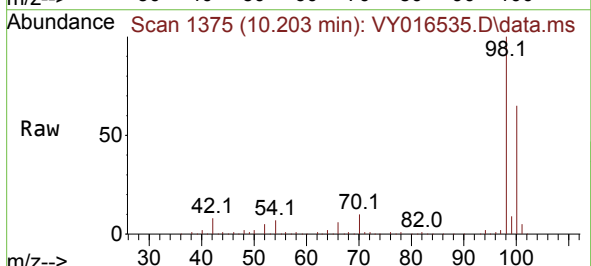
Acq: 29 Nov 2023 14:28

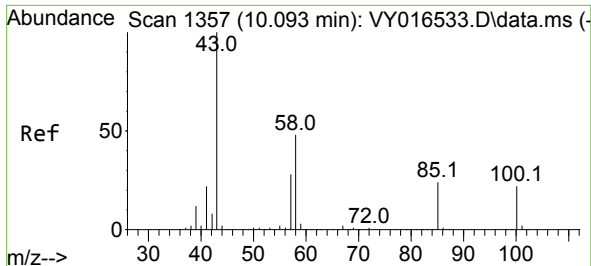
Tgt Ion: 98 Resp: 302166

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1

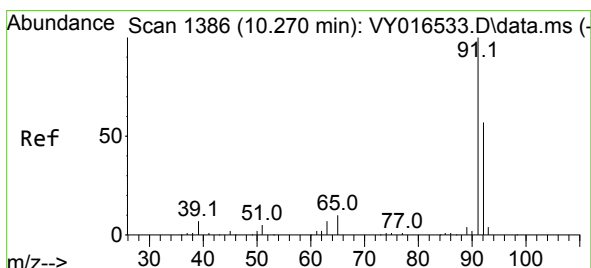
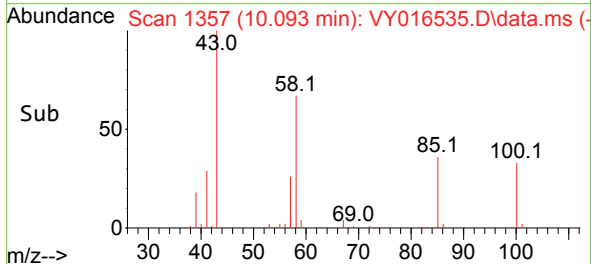
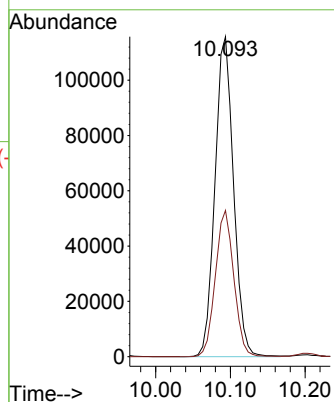
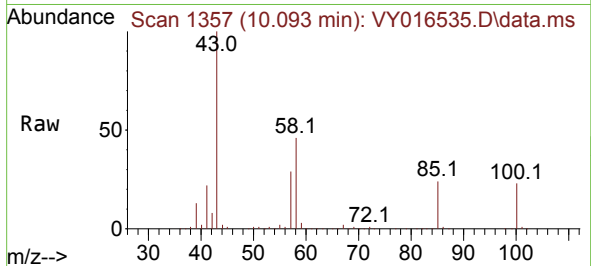




#51
4-Methyl-2-Pentanone
Concen: 260.614 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

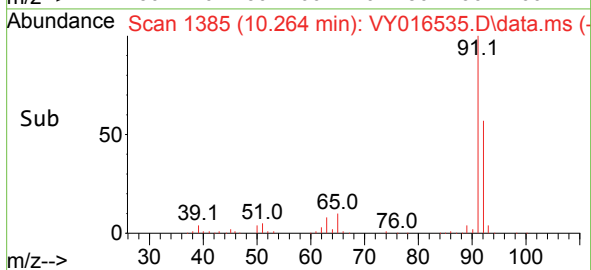
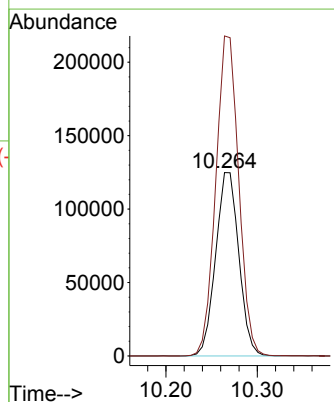
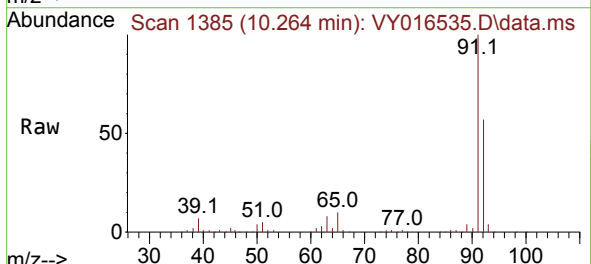
Instrument :
MSVOA_Y
ClientSampleId :

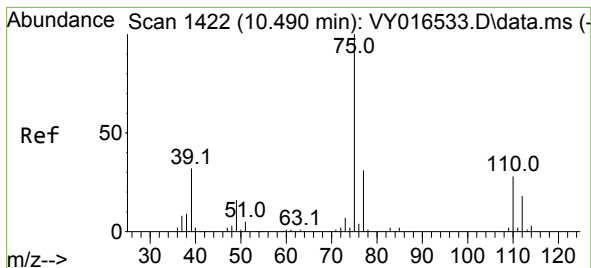
Tgt Ion: 43 Resp: 200073
Ion Ratio Lower Upper
43 100
58 45.6 29.0 43.6#



#52
Toluene
Concen: 50.659 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 92 Resp: 220311
Ion Ratio Lower Upper
92 100
91 172.7 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 52.568 ug/l

RT: 10.490 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

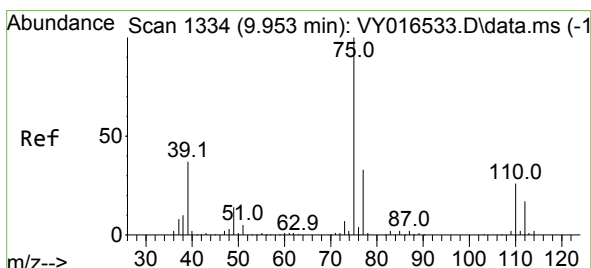
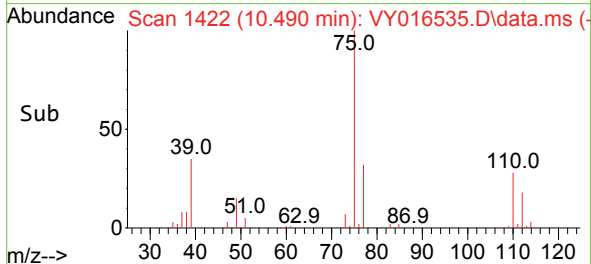
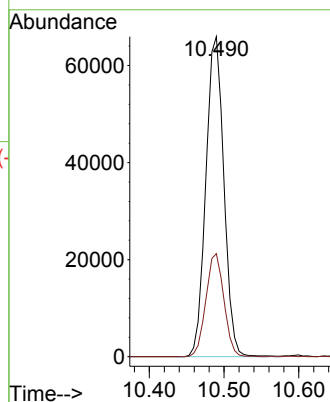
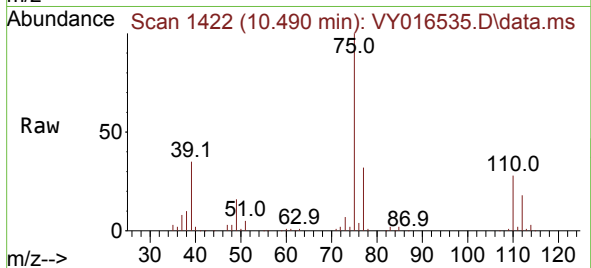
ClientSampleId :

Tgt Ion: 75 Resp: 110475

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 51.764 ug/l

RT: 9.953 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

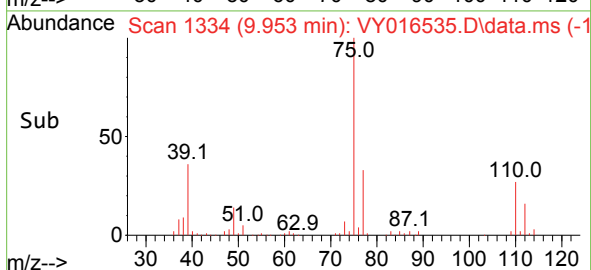
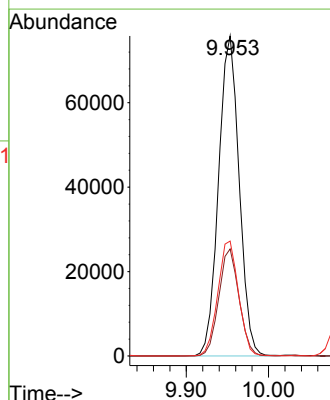
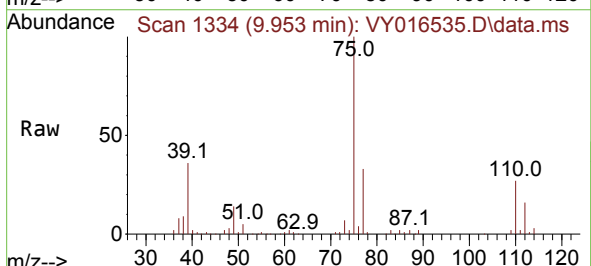
Tgt Ion: 75 Resp: 131822

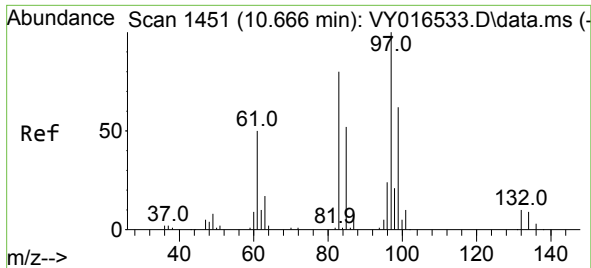
Ion Ratio Lower Upper

75 100

77 33.4 24.2 36.4

39 35.9 42.2 63.4#

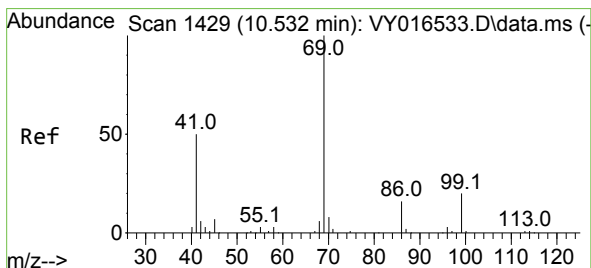
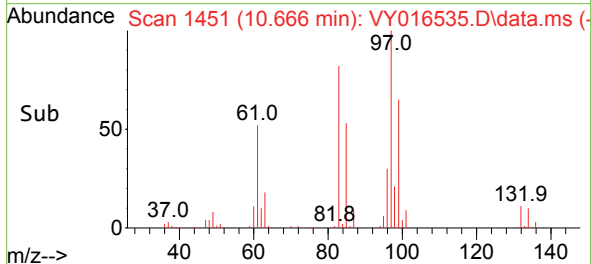
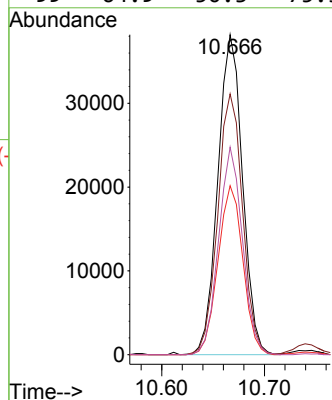
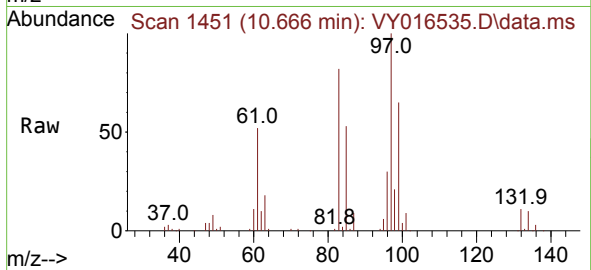




#55
1,1,2-Trichloroethane
Concen: 51.328 ug/l
RT: 10.666 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

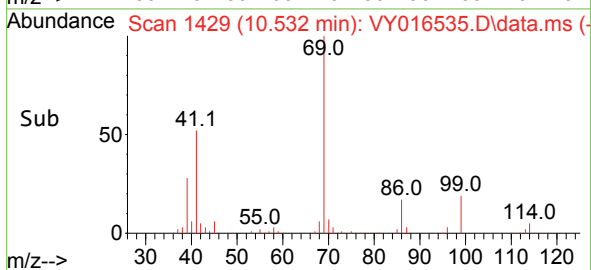
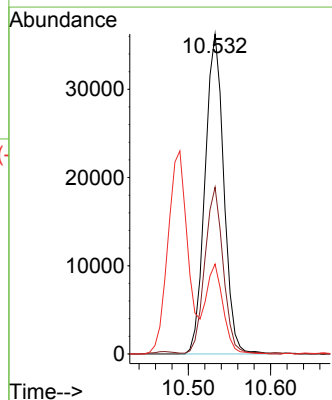
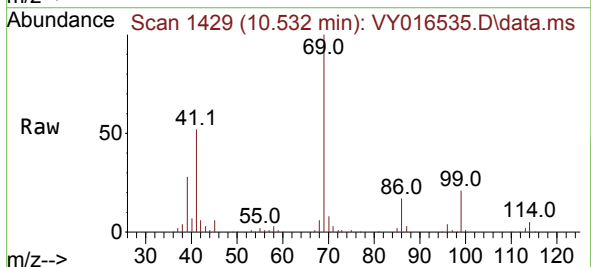
Instrument :
MSVOA_Y
ClientSampleId :

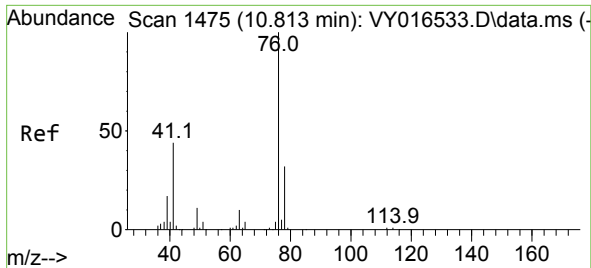
Tgt Ion: 97	Resp: 63621
Ion Ratio	Lower Upper
97 100	
83 81.5	72.0 108.0
85 52.8	45.4 68.0
99 64.9	50.3 75.5



#56
Ethyl methacrylate
Concen: 54.834 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 69	Resp: 57518
Ion Ratio	Lower Upper
69 100	
41 50.5	57.6 86.4#
39 25.3	34.1 51.1#





#57

1,3-Dichloropropane

Concen: 52.169 ug/l

RT: 10.813 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

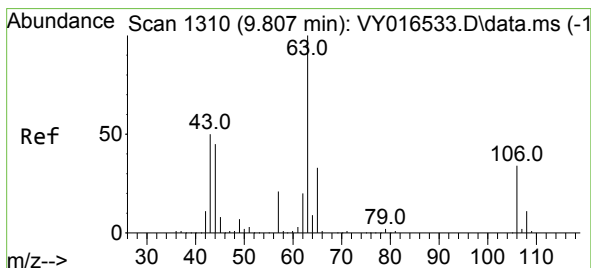
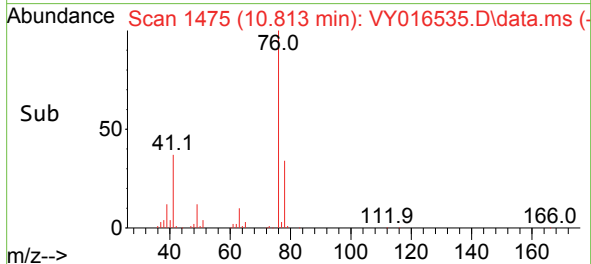
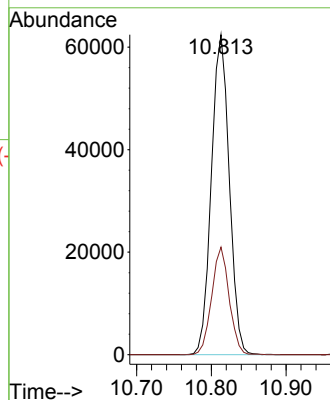
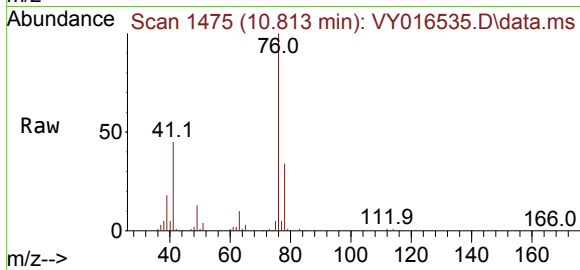
ClientSampleId :

Tgt Ion: 76 Resp: 104157

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 279.797 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY016535.D

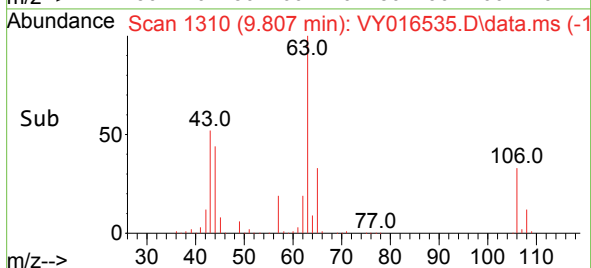
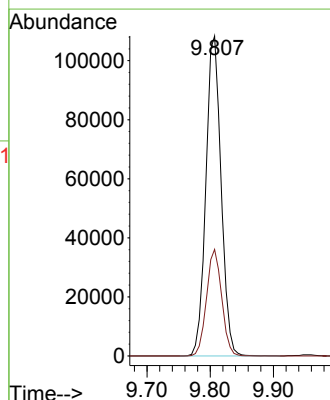
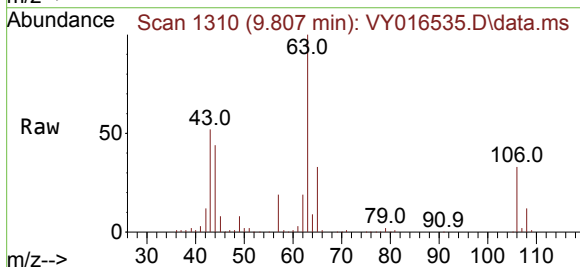
Acq: 29 Nov 2023 14:28

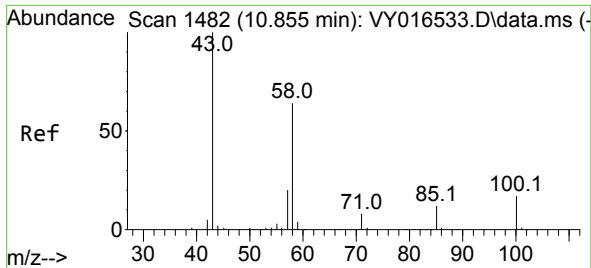
Tgt Ion: 63 Resp: 181488

Ion Ratio Lower Upper

63 100

106 33.1 21.2 31.8#

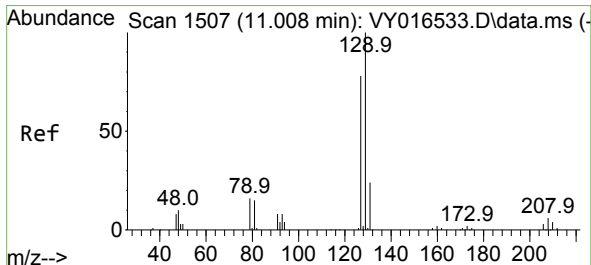
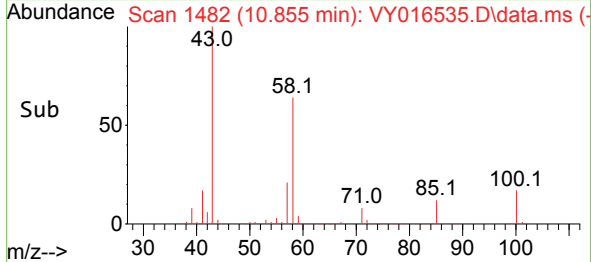
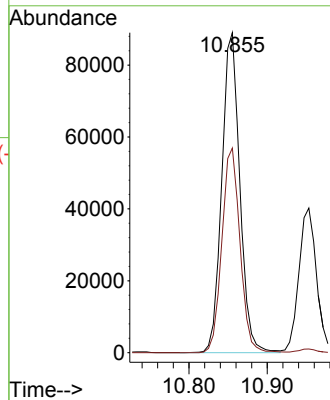
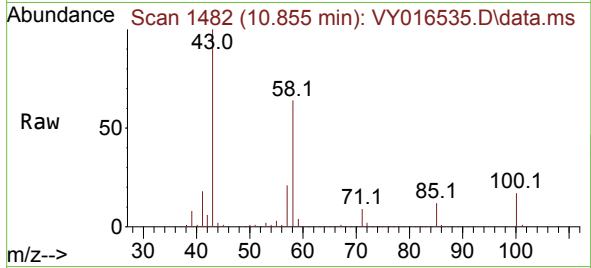




#59
2-Hexanone
Concen: 234.944 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

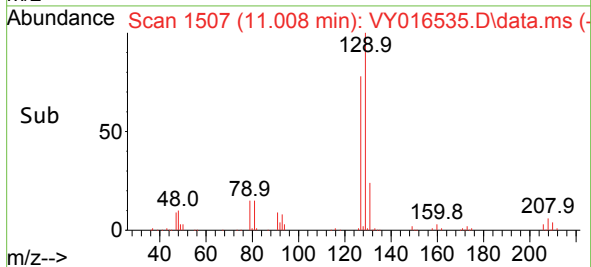
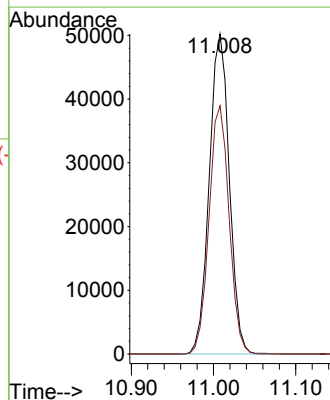
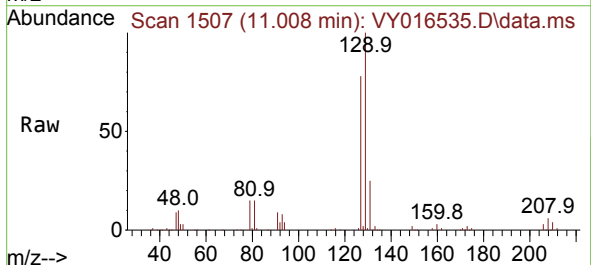
Instrument :
MSVOA_Y
ClientSampleId :

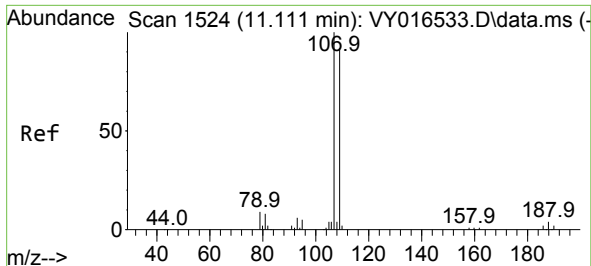
Tgt Ion: 43 Resp: 142471
Ion Ratio Lower Upper
43 100
58 64.3 25.1 75.3



#60
Dibromochloromethane
Concen: 52.576 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion:129 Resp: 85180
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

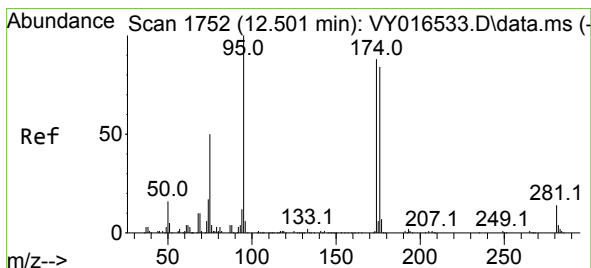
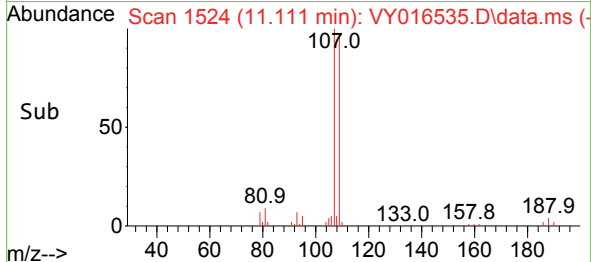
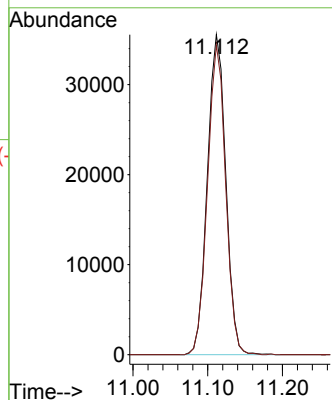
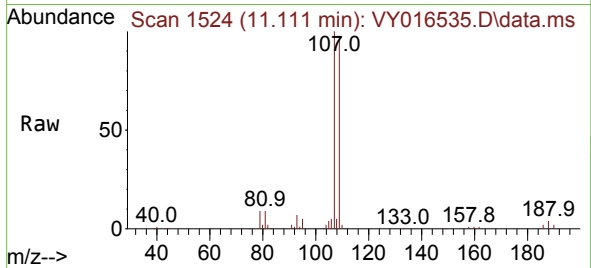




#61
1,2-Dibromoethane
Concen: 52.021 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

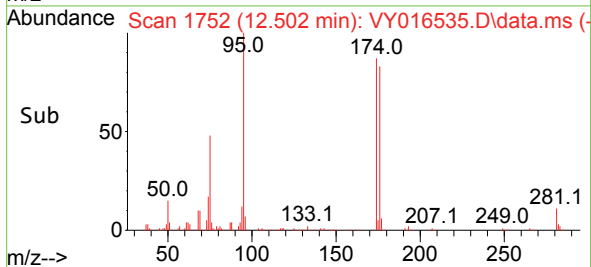
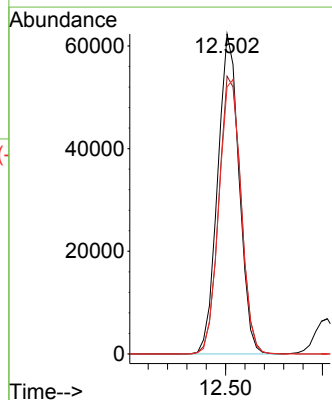
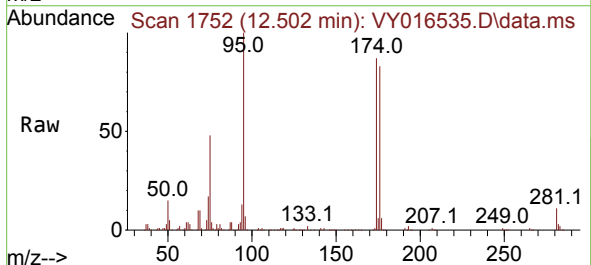
Instrument :
MSVOA_Y
ClientSampleId :

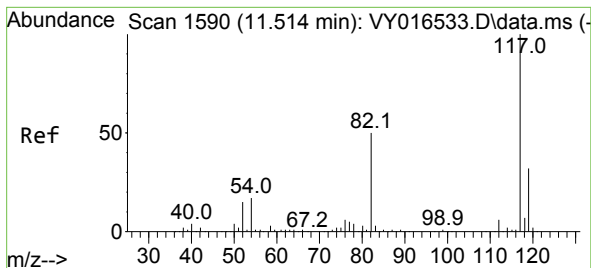
Tgt Ion:107 Resp: 60892
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.659 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 95 Resp: 95729
Ion Ratio Lower Upper
95 100
174 89.9 0.0 178.2
176 88.7 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: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

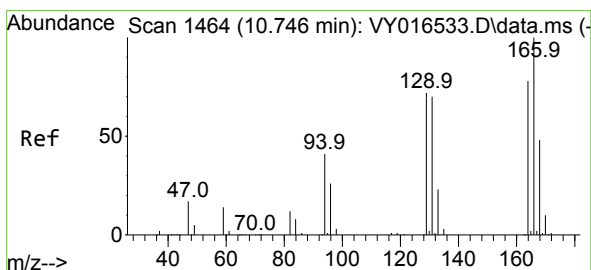
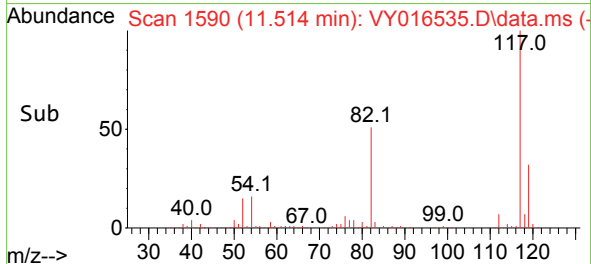
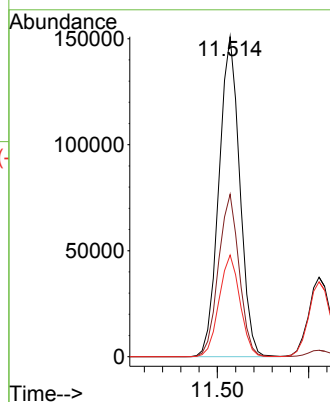
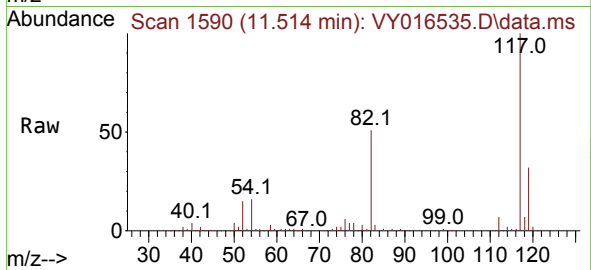
Tgt Ion:117 Resp: 238890

Ion Ratio Lower Upper

117 100

82 50.7 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 50.488 ug/l

RT: 10.746 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Tgt Ion:164 Resp: 107339

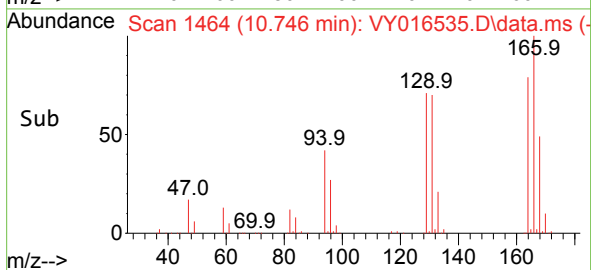
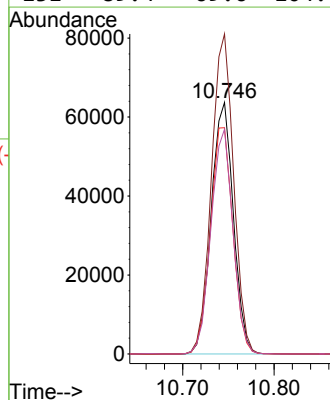
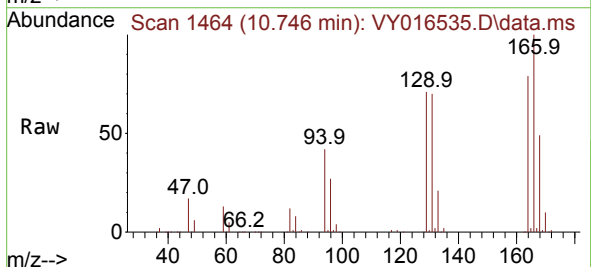
Ion Ratio Lower Upper

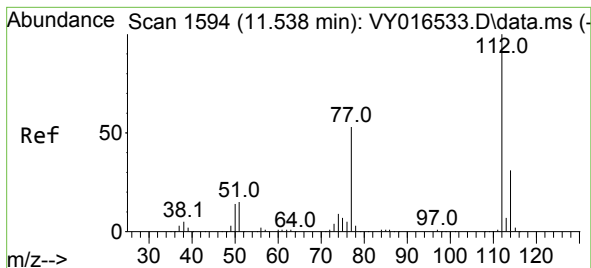
164 100

166 127.2 103.0 154.6

129 90.0 77.2 115.8

131 89.4 69.6 104.4





#65

Chlorobenzene

Concen: 50.353 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

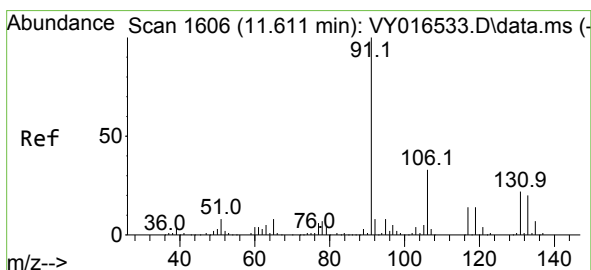
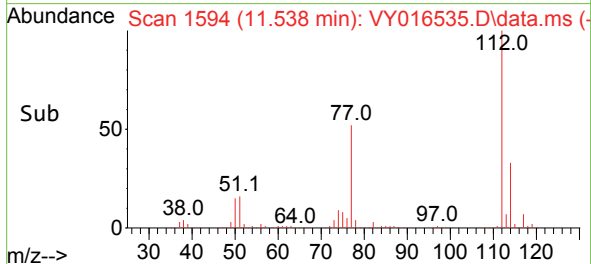
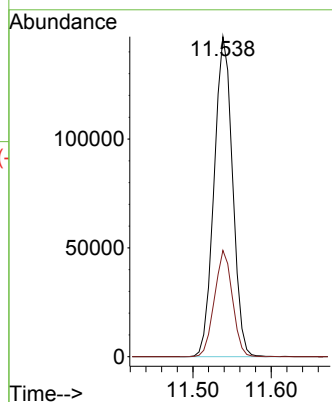
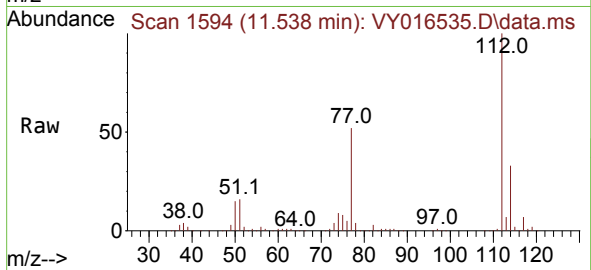
ClientSampleId :

Tgt Ion:112 Resp: 240893

Ion Ratio Lower Upper

112 100

114 33.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.419 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

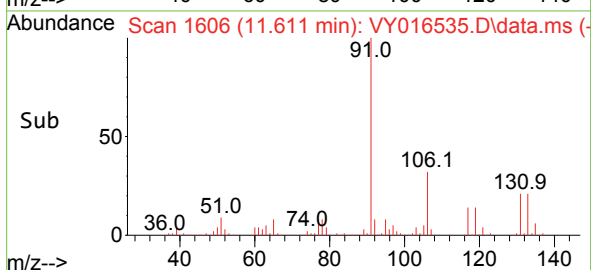
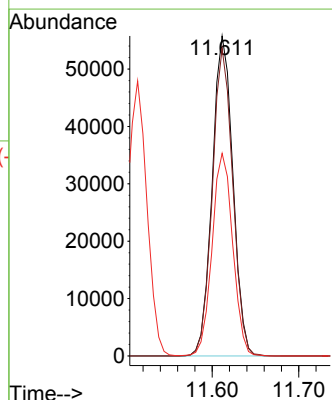
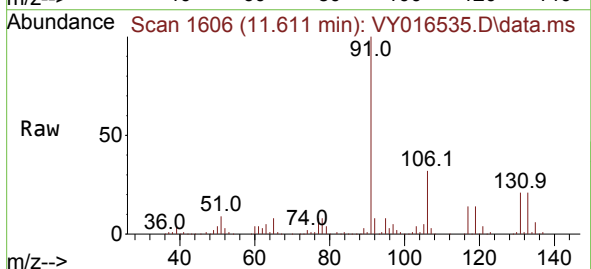
Tgt Ion:131 Resp: 92467

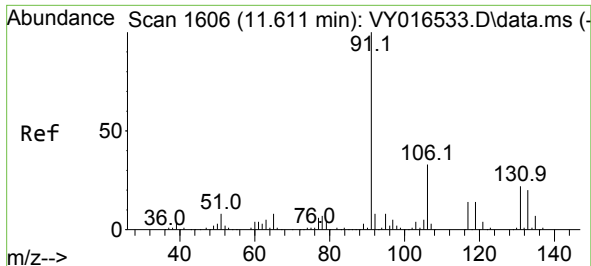
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.6

119 63.3 31.6 94.7





#67

Ethyl Benzene

Concen: 50.391 ug/l

RT: 11.618 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

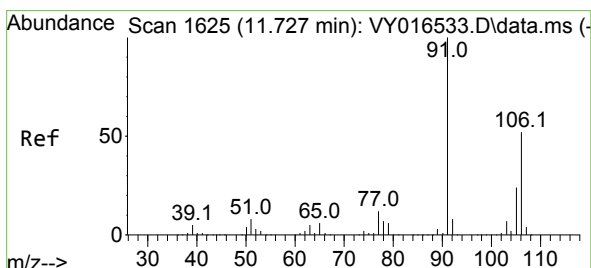
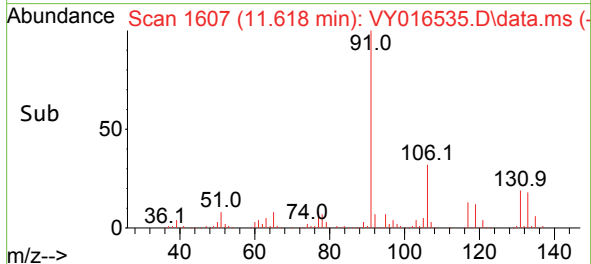
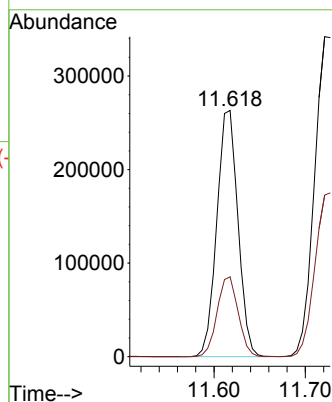
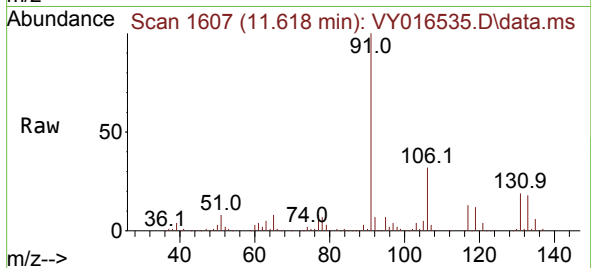
ClientSampleId :

Tgt Ion: 91 Resp: 423182

Ion Ratio Lower Upper

91 100

106 32.5 24.6 36.8



#68

m/p-Xylenes

Concen: 101.150 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY016535.D

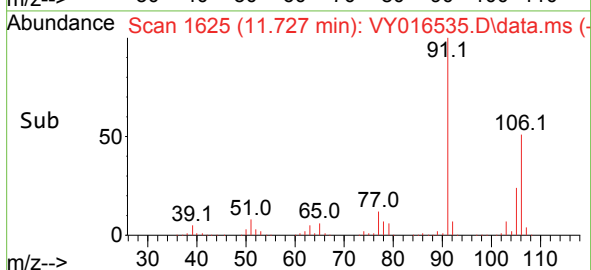
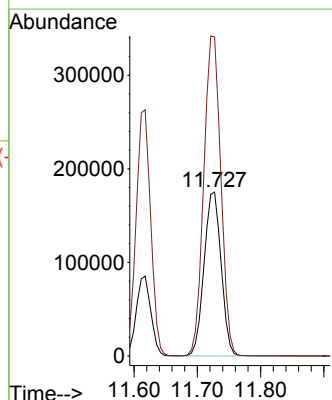
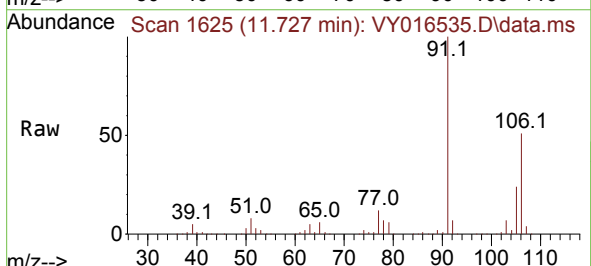
Acq: 29 Nov 2023 14:28

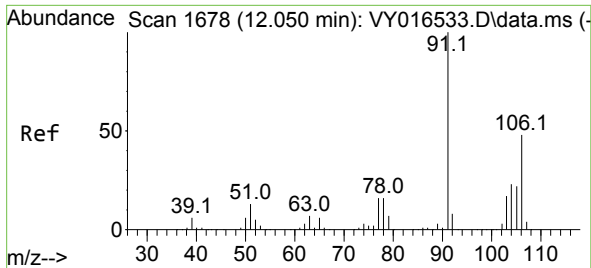
Tgt Ion:106 Resp: 328749

Ion Ratio Lower Upper

106 100

91 195.8 166.1 249.1

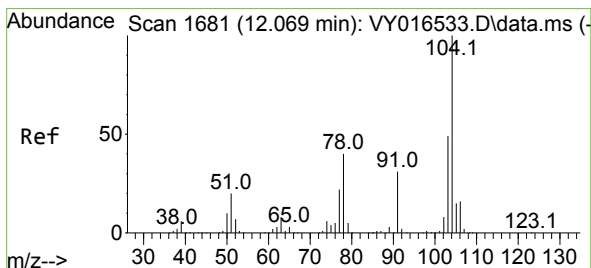
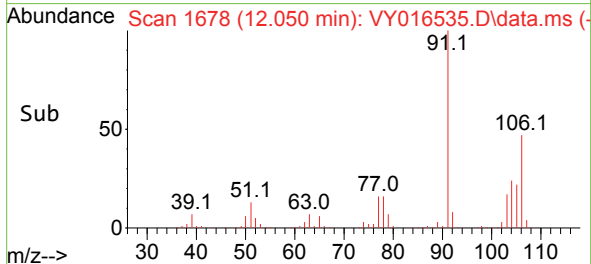
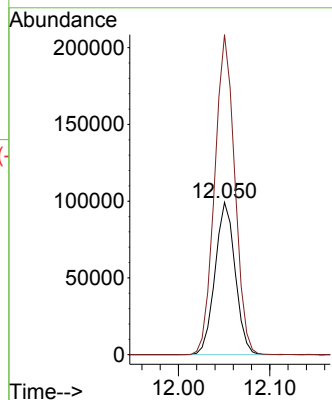
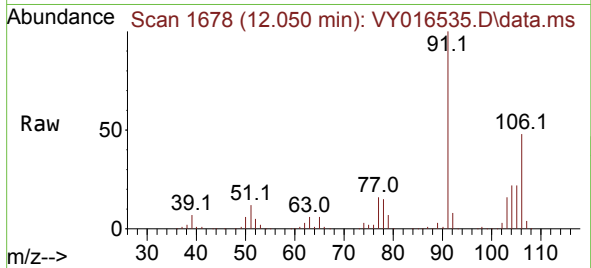




#69
o-Xylene
Concen: 50.950 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

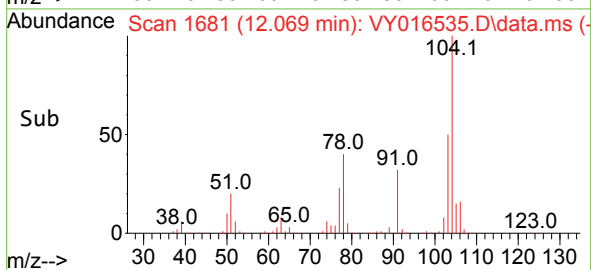
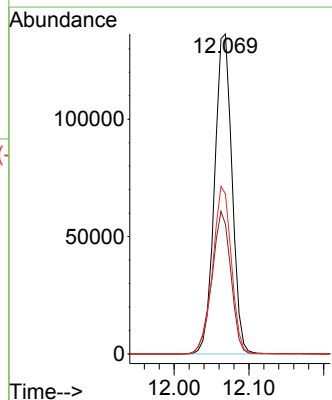
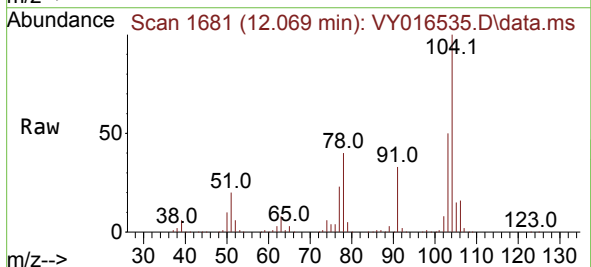
Instrument :
MSVOA_Y
ClientSampleId :

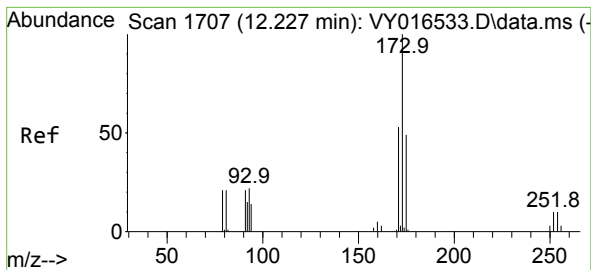
Tgt Ion:106 Resp: 152021
Ion Ratio Lower Upper
106 100
91 209.7 108.1 324.3



#70
Styrene
Concen: 51.635 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion:104 Resp: 221674
Ion Ratio Lower Upper
104 100
78 48.5 41.5 62.3
103 55.9 44.6 67.0





#71

Bromoform

Concen: 52.829 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

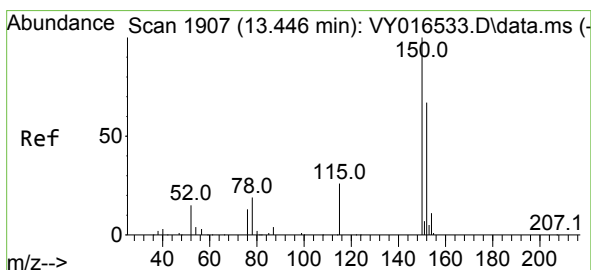
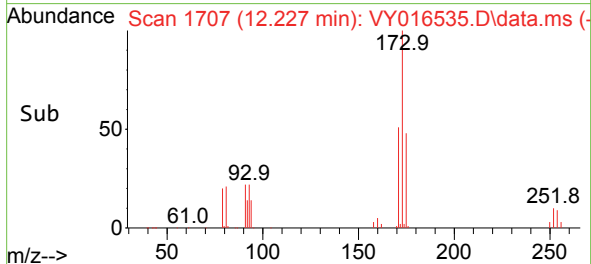
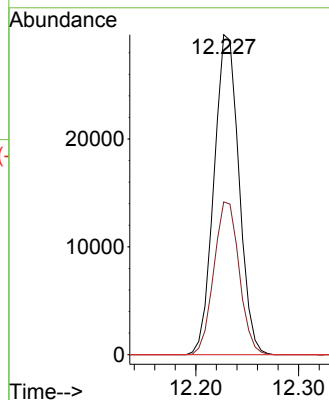
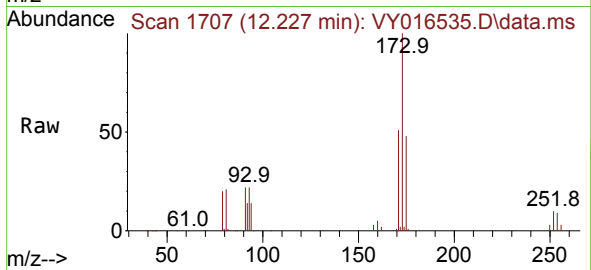
Tgt Ion:173 Resp: 50045

Ion Ratio Lower Upper

173 100

175 48.5 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: VY016535.D

Acq: 29 Nov 2023 14:28

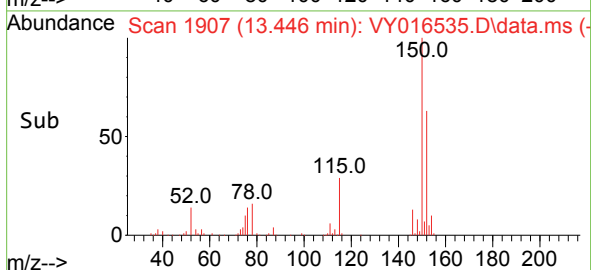
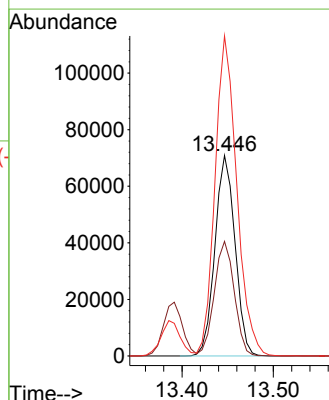
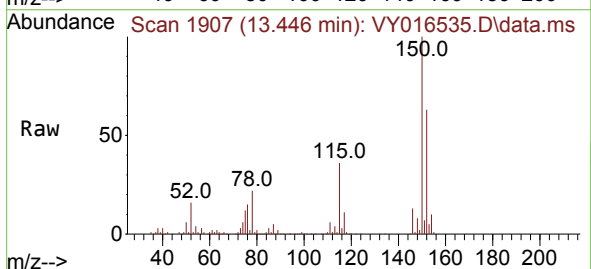
Tgt Ion:152 Resp: 108171

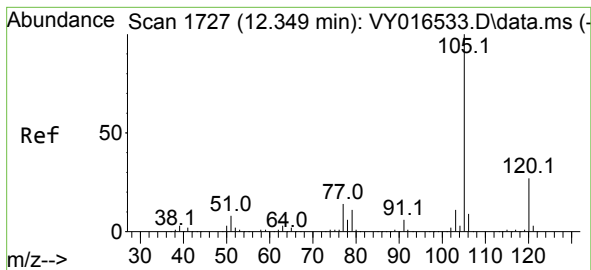
Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 173.0 0.0 348.8





#73

Isopropylbenzene

Concen: 51.175 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

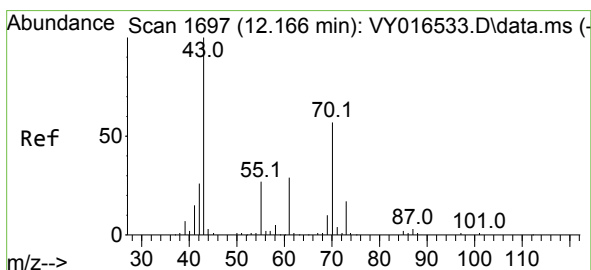
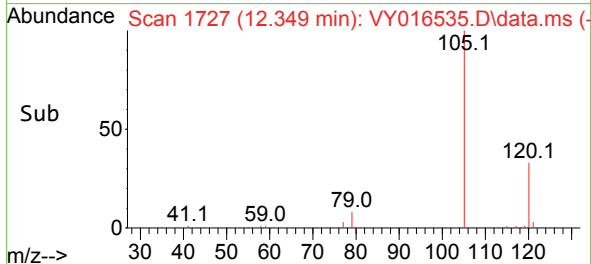
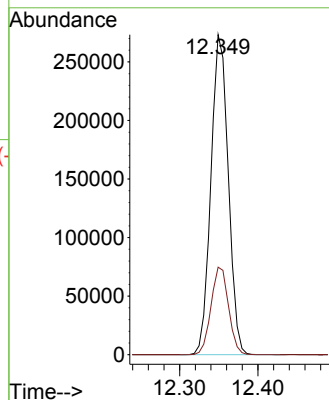
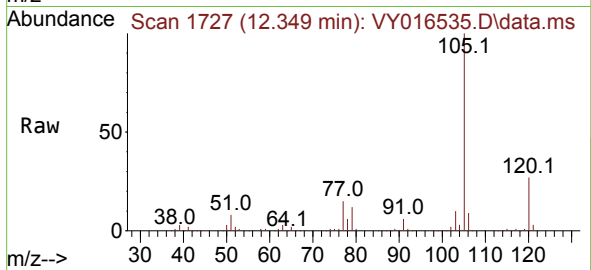
ClientSampleId :

Tgt Ion:105 Resp: 419797

Ion Ratio Lower Upper

105 100

120 27.6 13.3 39.9



#74

N-ethyl acetate

Concen: 54.451 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Tgt Ion: 43 Resp: 63080

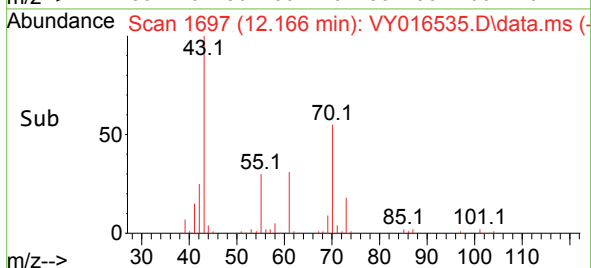
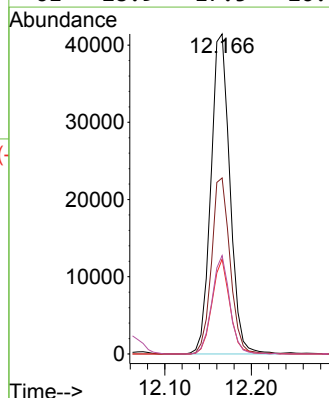
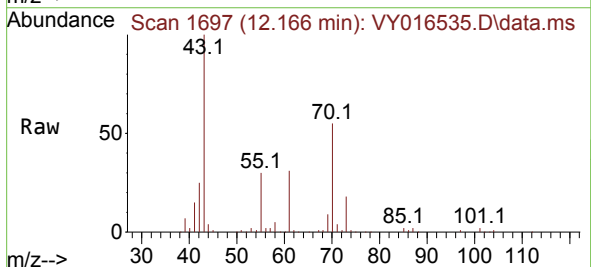
Ion Ratio Lower Upper

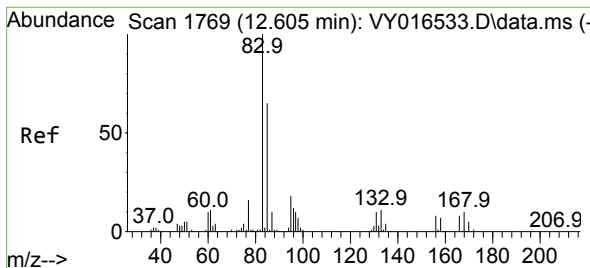
43 100

70 53.9 29.7 44.5#

55 27.8 18.3 27.5#

61 28.9 17.5 26.3#

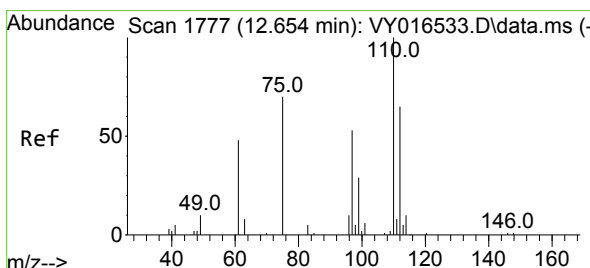
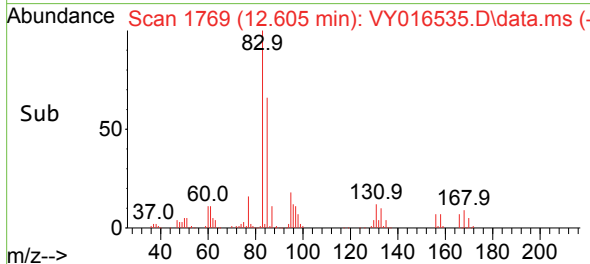
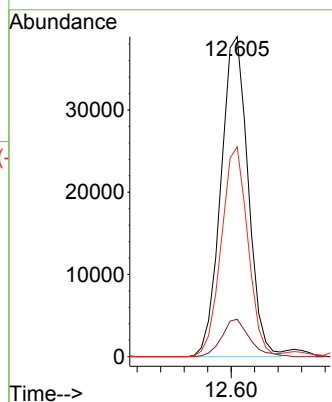
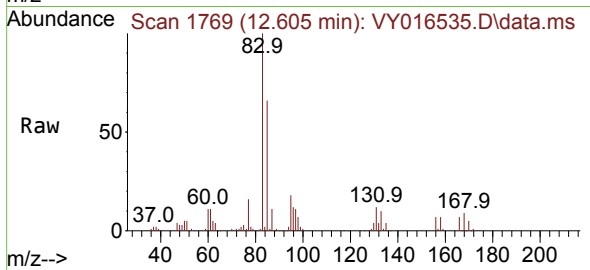




#75
1,1,2,2-Tetrachloroethane
Concen: 51.383 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

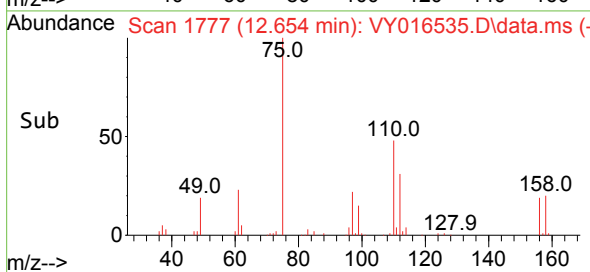
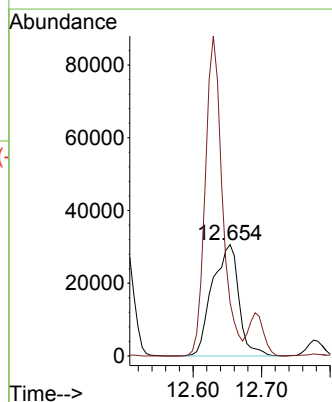
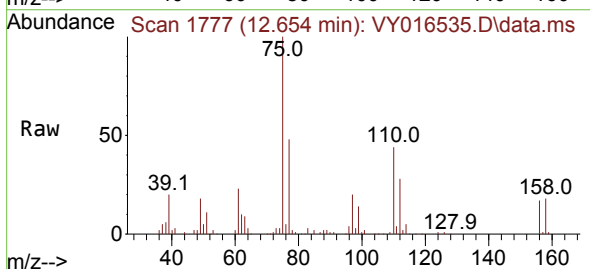
Instrument :
MSVOA_Y
ClientSampleId :

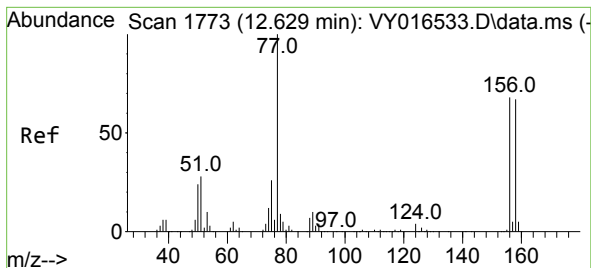
Tgt Ion: 83 Resp: 62568
Ion Ratio Lower Upper
83 100
131 12.0 5.4 16.2
85 64.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 90.563 ug/l
RT: 12.654 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 75 Resp: 82252
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.998 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

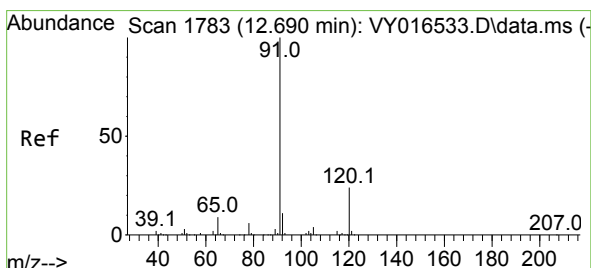
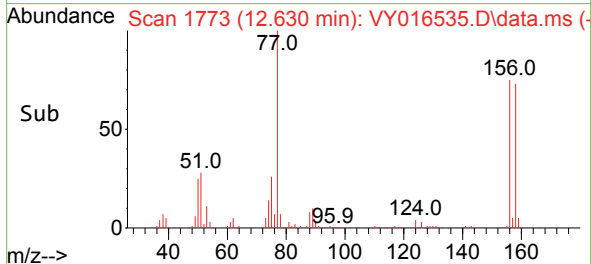
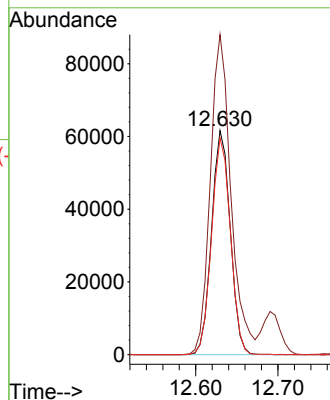
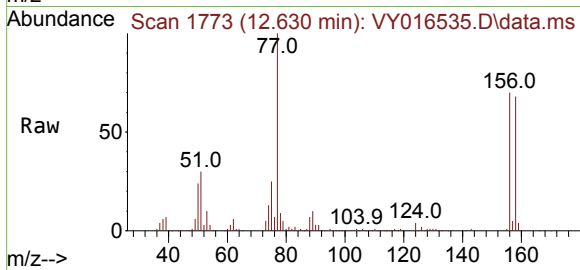
Tgt Ion:156 Resp: 97409

Ion Ratio Lower Upper

156 100

77 158.1 92.8 278.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 51.104 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY016535.D

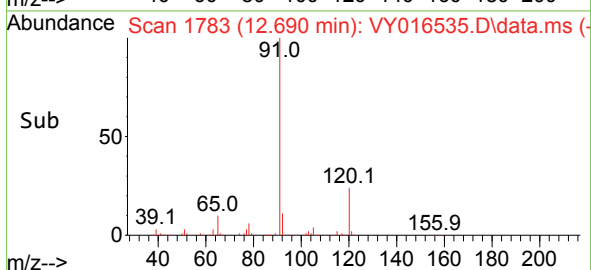
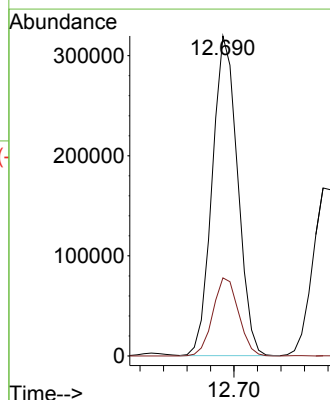
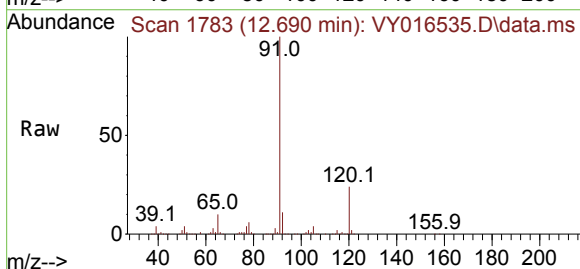
Acq: 29 Nov 2023 14:28

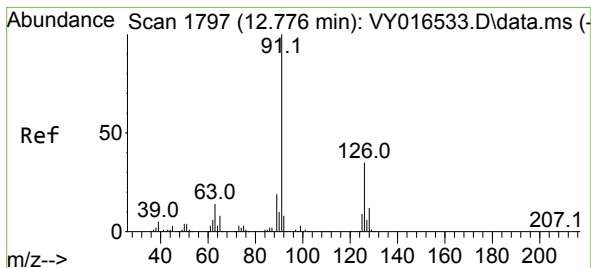
Tgt Ion: 91 Resp: 479605

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4

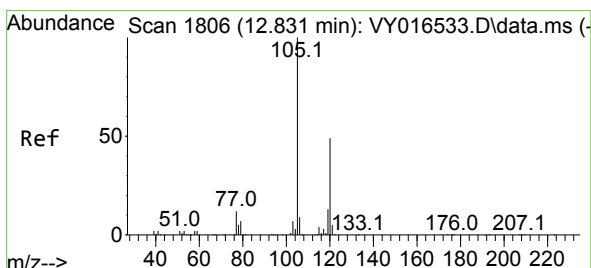
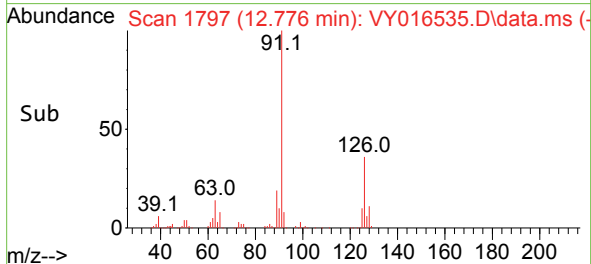
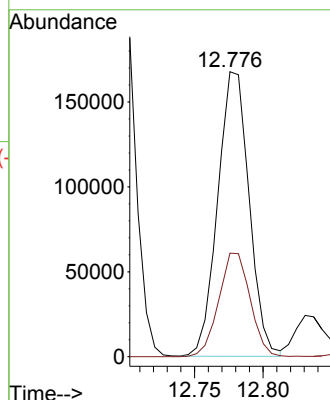
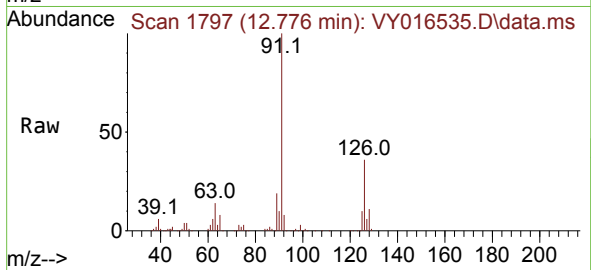




#79
2-Chlorotoluene
Concen: 51.270 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

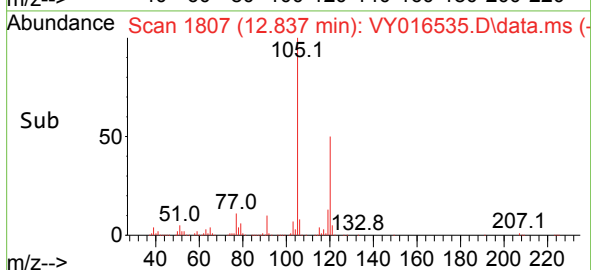
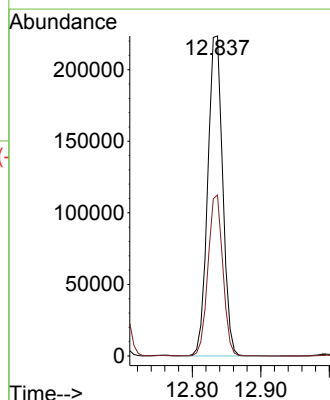
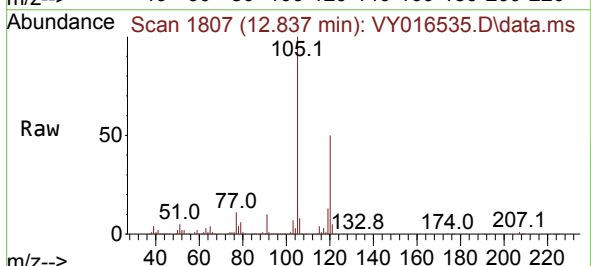
Instrument :
MSVOA_Y
ClientSampleId :

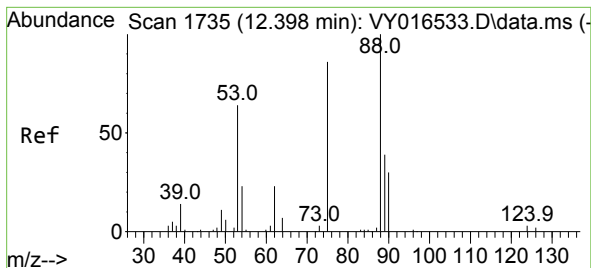
Tgt Ion: 91 Resp: 267621
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.440 ug/l
RT: 12.837 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion:105 Resp: 339209
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7

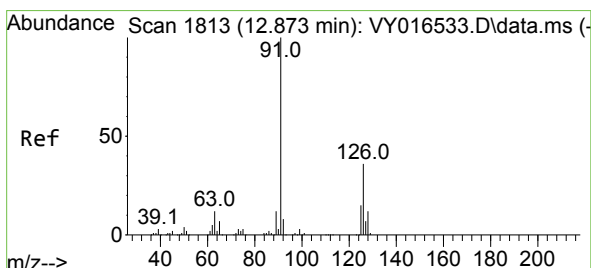
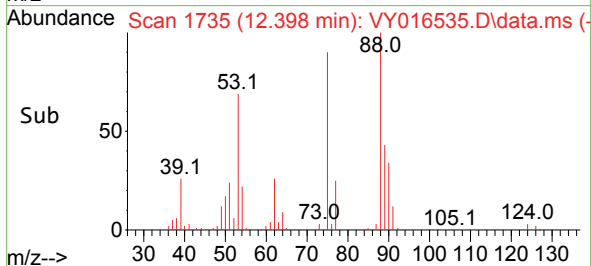
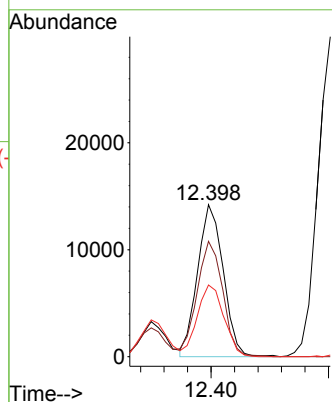
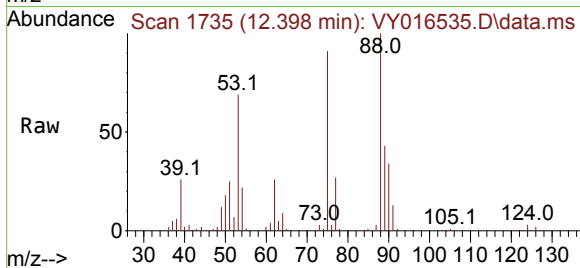




#81
trans-1,4-Dichloro-2-butene
Concen: 51.967 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

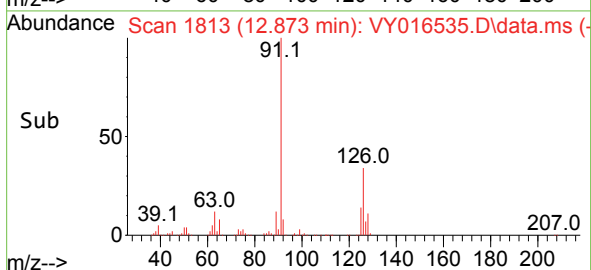
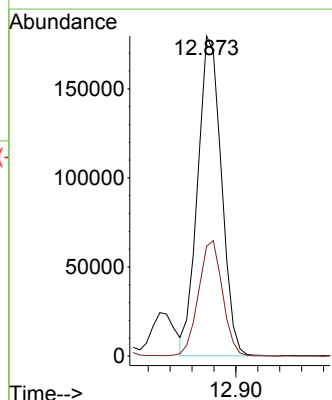
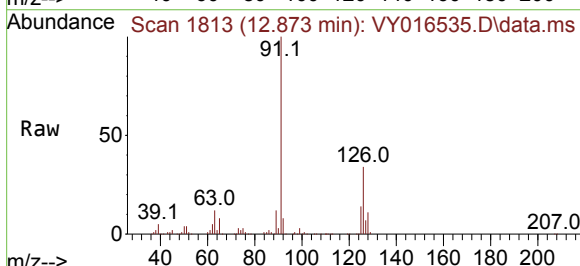
Instrument :
MSVOA_Y
ClientSampleId :

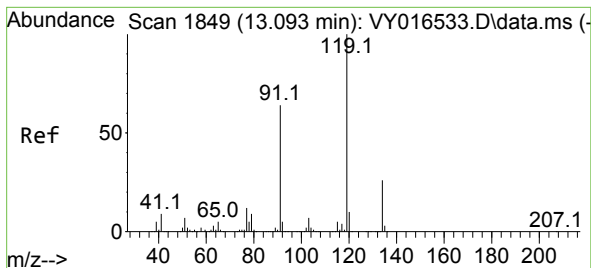
Tgt Ion: 75 Resp: 21641
Ion Ratio Lower Upper
75 100
53 76.9 77.8 116.8#
89 48.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.400 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion: 91 Resp: 270113
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6

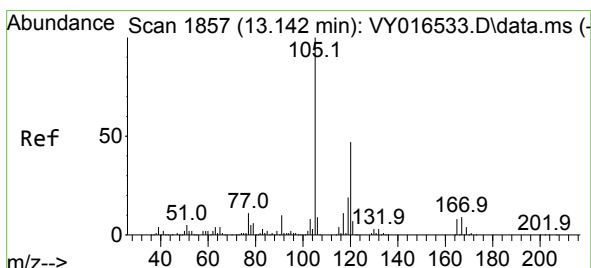
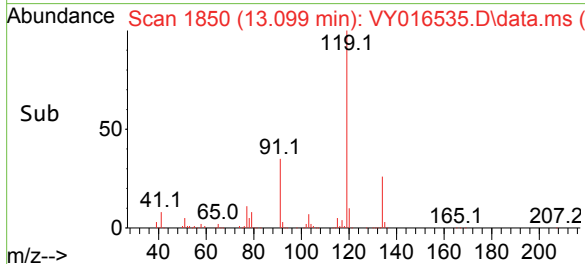
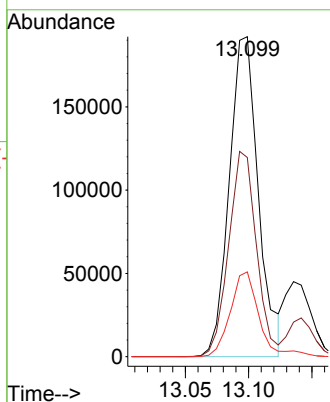
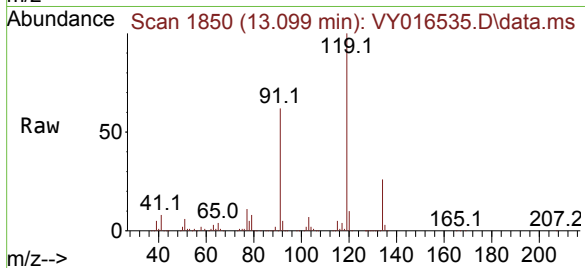




#83
tert-Butylbenzene
Concen: 51.687 ug/l
RT: 13.099 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

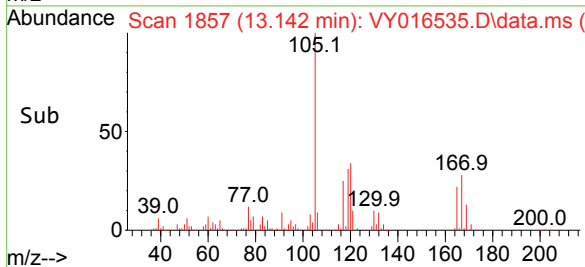
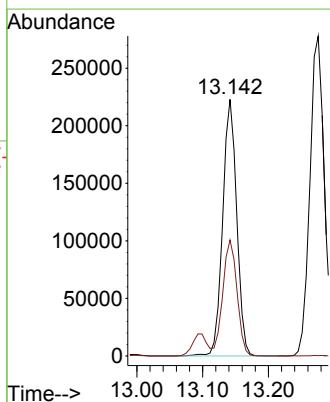
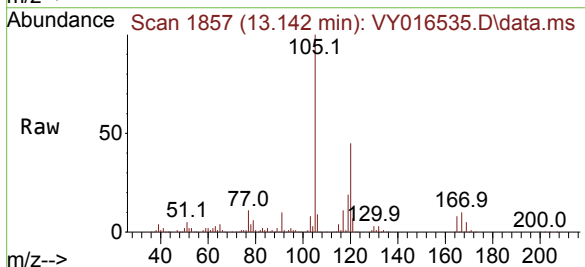
Instrument :
MSVOA_Y
ClientSampleId :

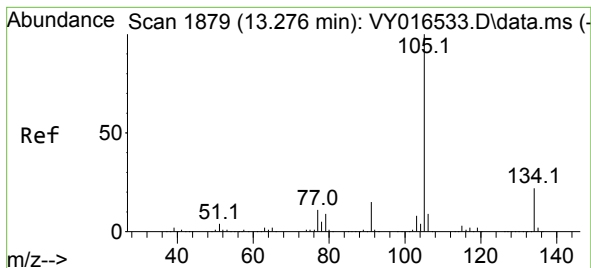
Tgt Ion:119 Resp: 307589
Ion Ratio Lower Upper
119 100
91 61.4 32.9 98.6
134 26.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 51.587 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion:105 Resp: 331193
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.127 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

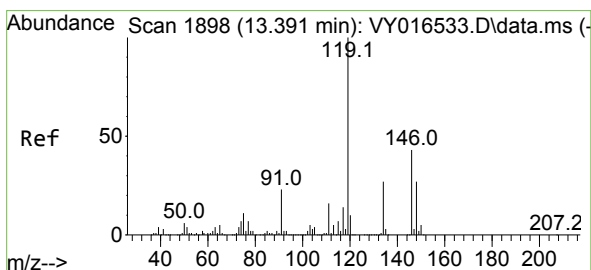
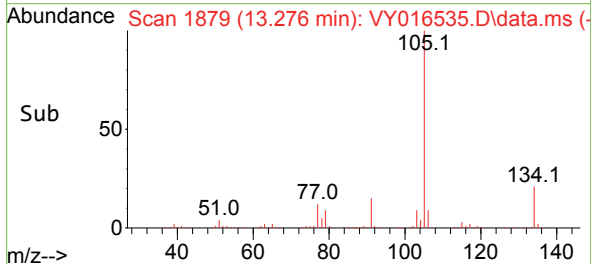
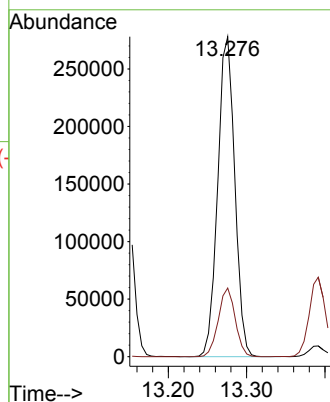
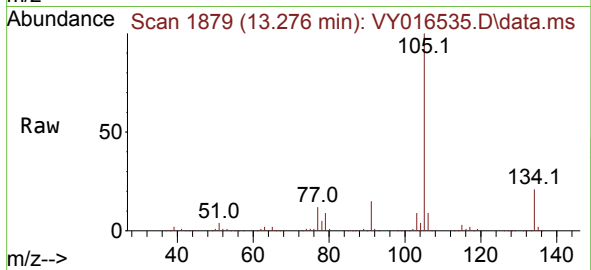
ClientSampleId :

Tgt Ion:105 Resp: 420802

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.893 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

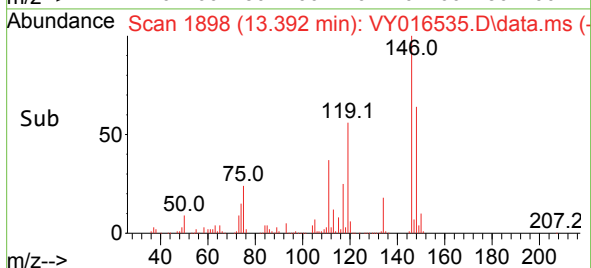
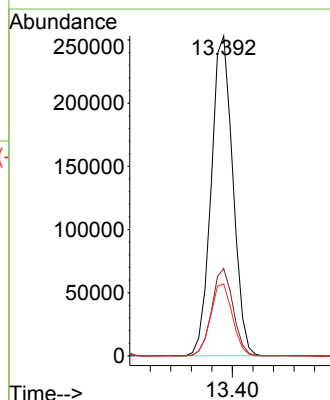
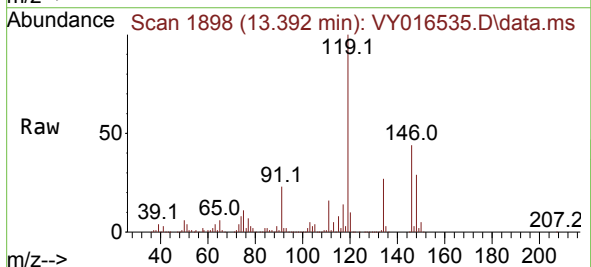
Tgt Ion:119 Resp: 369027

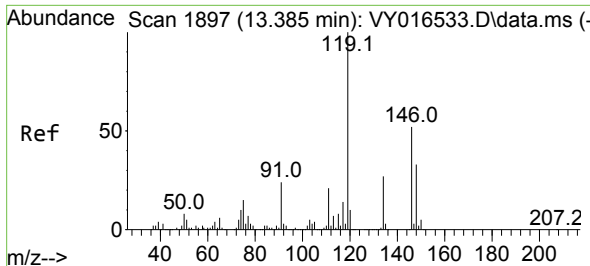
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 22.8 12.4 37.4

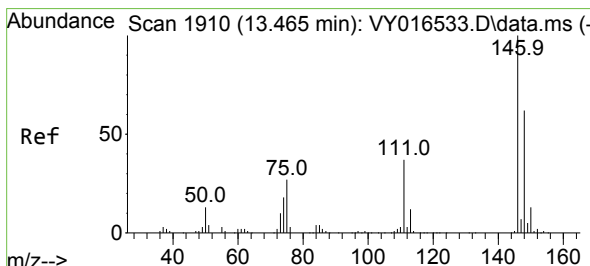
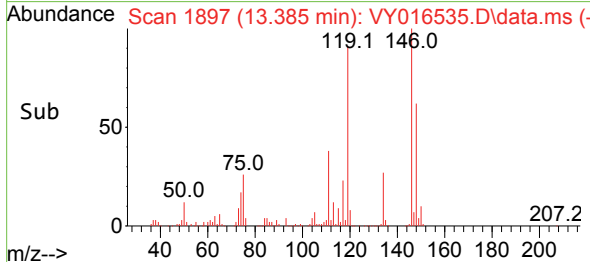
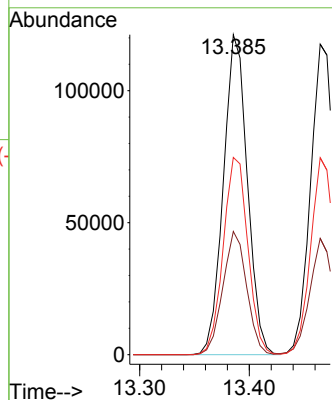
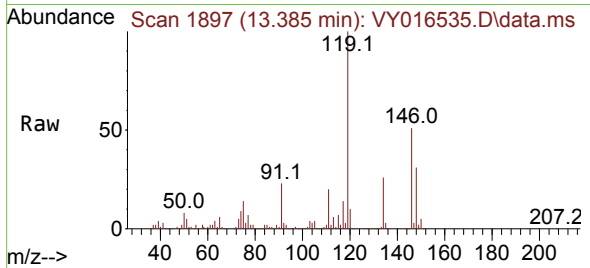




#87
1,3-Dichlorobenzene
Concen: 51.216 ug/l
RT: 13.385 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

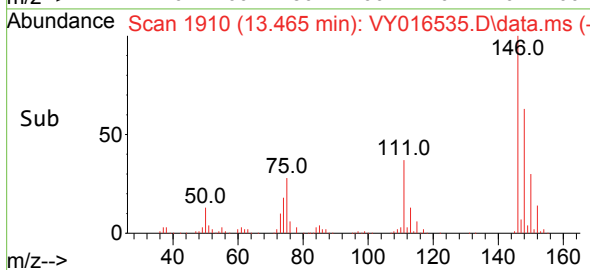
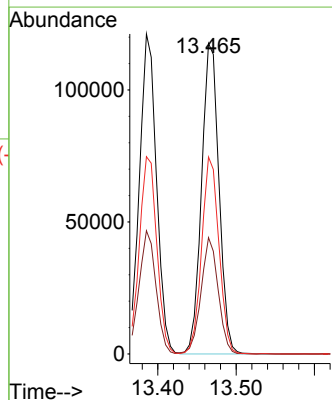
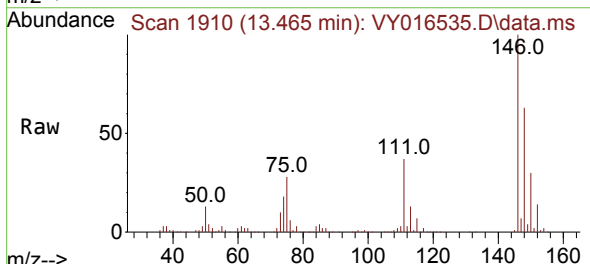
Instrument :
MSVOA_Y
ClientSampleId :

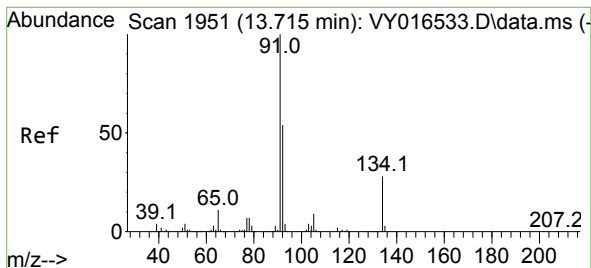
Tgt Ion:146 Resp: 184721
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.2
148 63.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 51.450 ug/l
RT: 13.465 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion:146 Resp: 181625
Ion Ratio Lower Upper
146 100
111 37.0 18.9 56.7
148 63.0 32.1 96.5





#89

n-Butylbenzene

Concen: 51.694 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

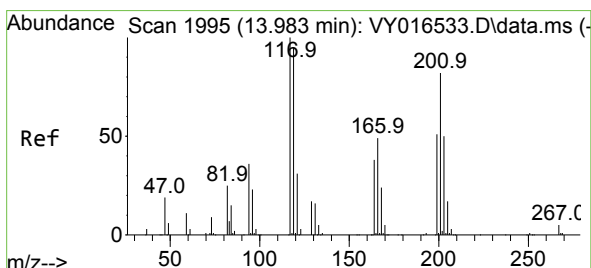
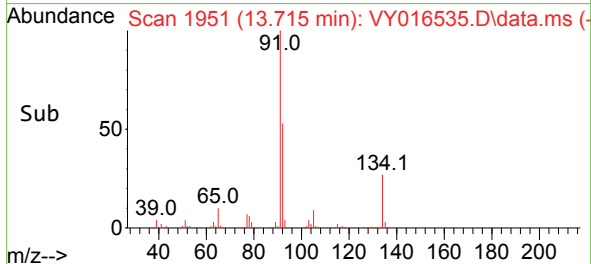
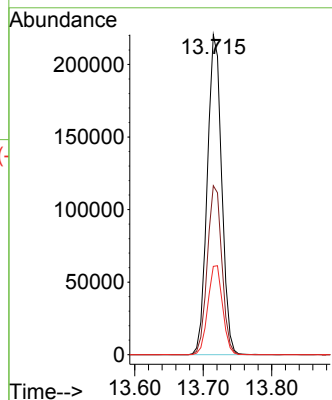
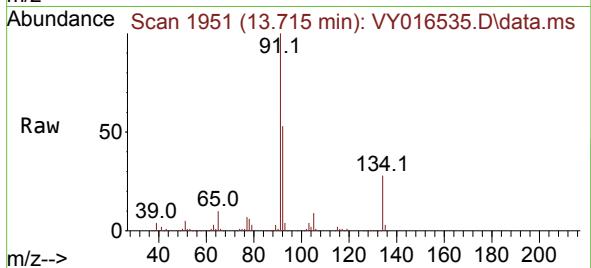
Tgt Ion: 91 Resp: 322219

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 28.4 12.6 37.6



#90

Hexachloroethane

Concen: 50.571 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY016535.D

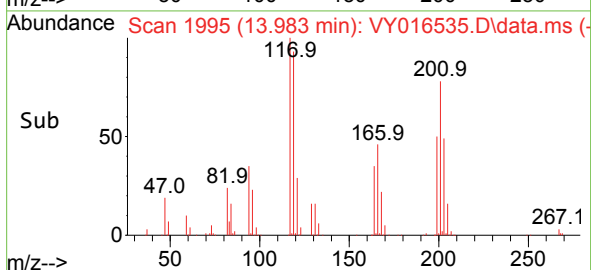
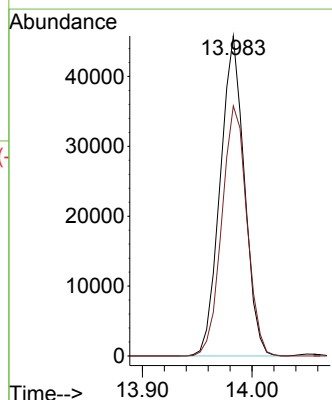
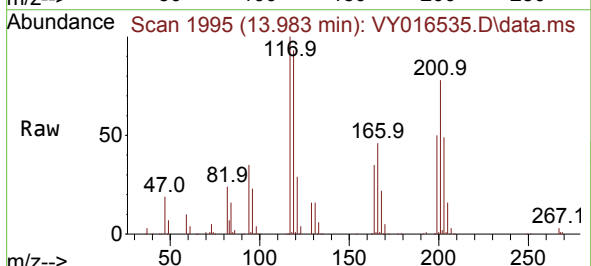
Acq: 29 Nov 2023 14:28

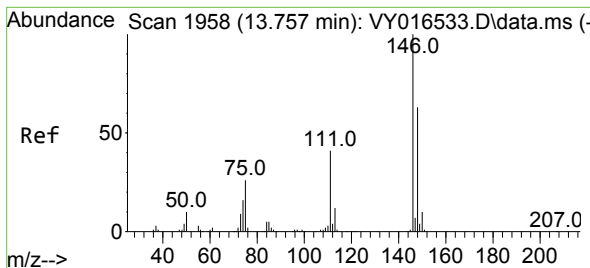
Tgt Ion: 117 Resp: 70167

Ion Ratio Lower Upper

117 100

201 80.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.581 ug/l

RT: 13.757 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

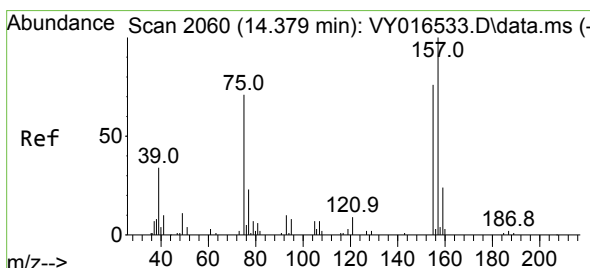
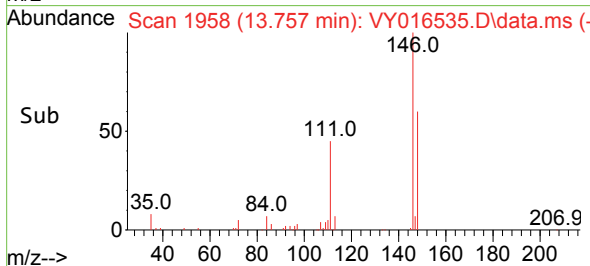
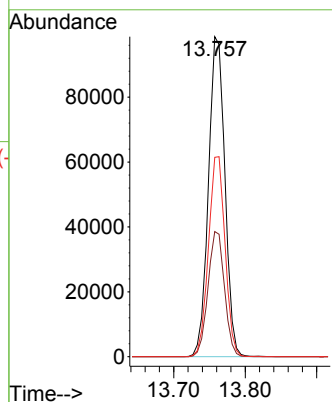
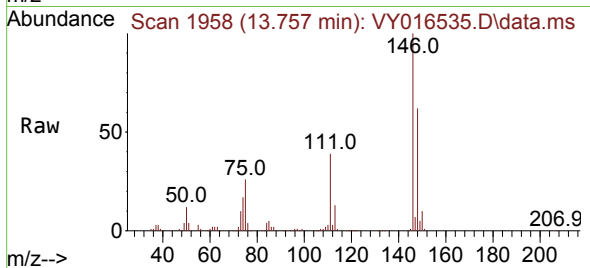
Tgt Ion:146 Resp: 157665

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.0

148 63.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.443 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

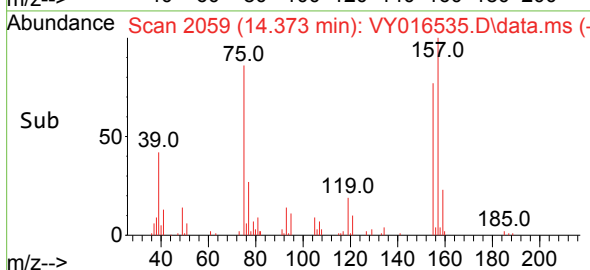
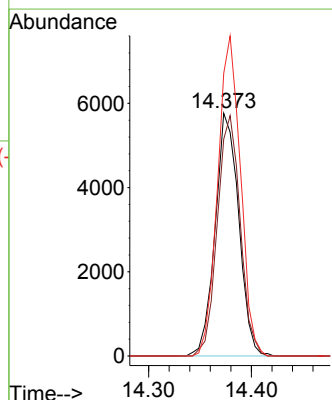
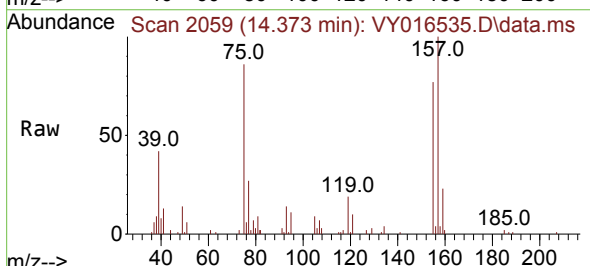
Tgt Ion: 75 Resp: 9155

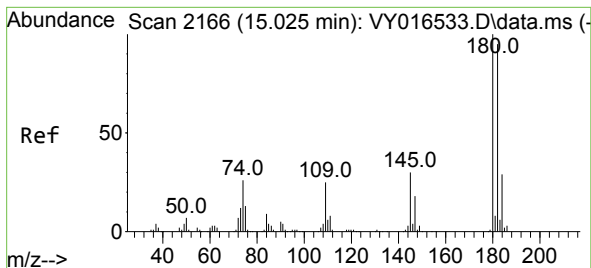
Ion Ratio Lower Upper

75 100

155 96.4 41.5 124.6

157 127.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.147 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.000 min

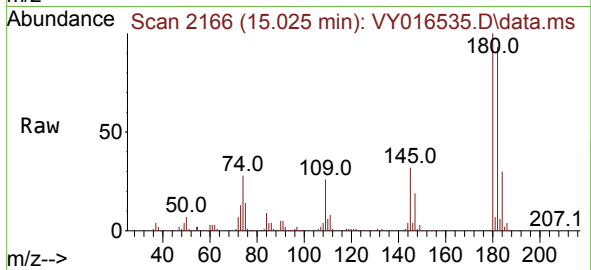
Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :



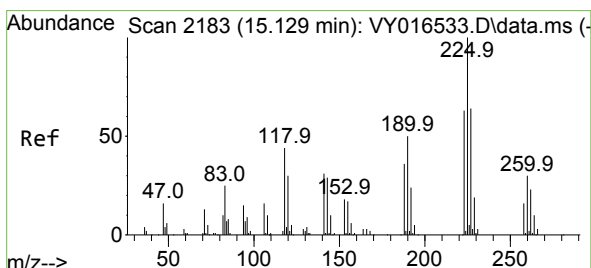
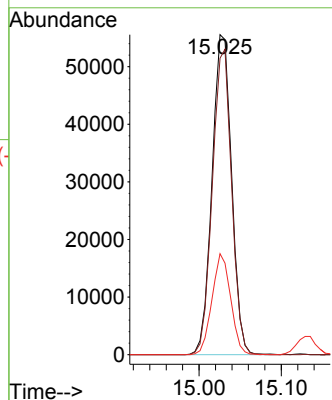
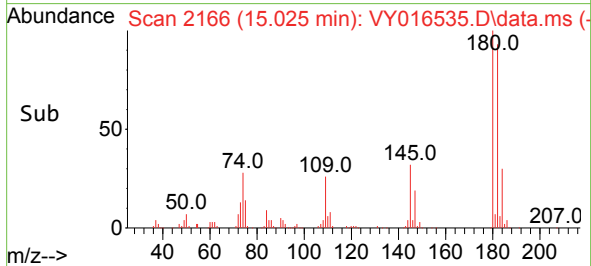
Tgt Ion:180 Resp: 91904

Ion Ratio Lower Upper

180 100

182 93.8 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 51.268 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY016535.D

Acq: 29 Nov 2023 14:28

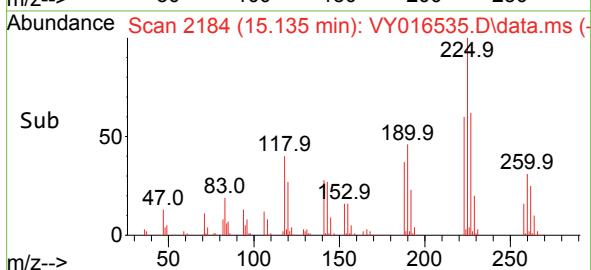
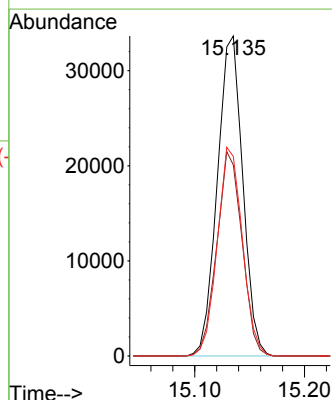
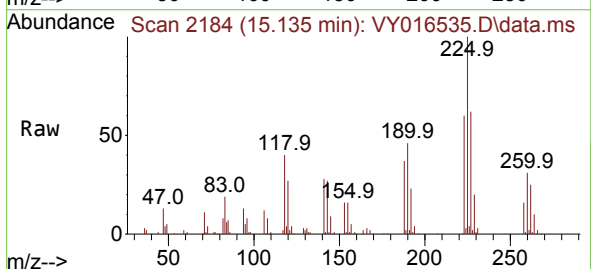
Tgt Ion:225 Resp: 54273

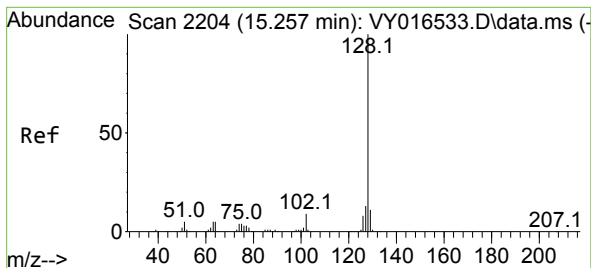
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 64.3 33.0 98.9

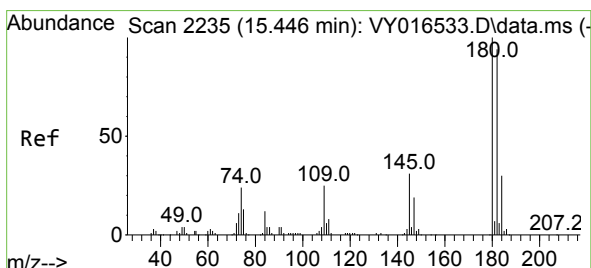
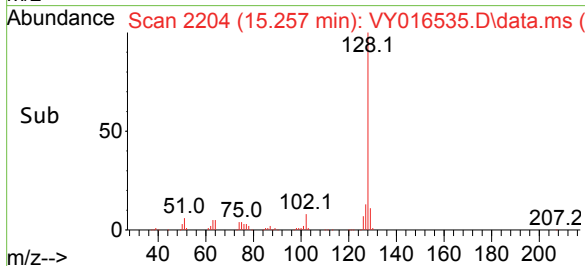
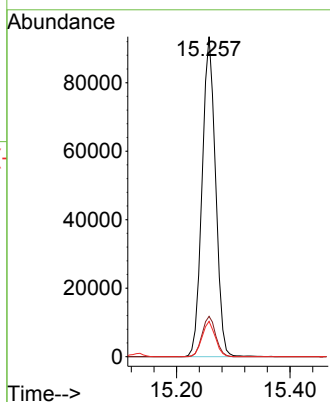
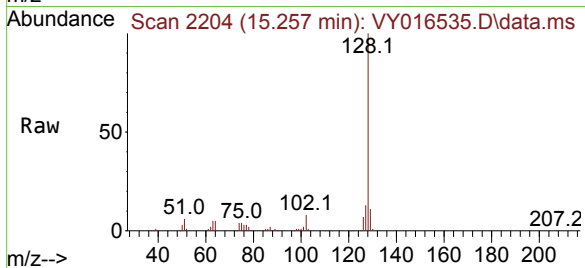




#95
Naphthalene
Concen: 46.604 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 153821
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.332 ug/l
RT: 15.446 min Scan# 2235
Delta R.T. 0.000 min
Lab File: VY016535.D
Acq: 29 Nov 2023 14:28

Tgt Ion:180 Resp: 71906
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.8
145 32.2 15.4 46.2

