

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016156.D
 Acq On : 31 Oct 2023 19:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:41:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	164010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	265177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	233672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	112299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	83225	54.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.460%	
35) Dibromofluoromethane	7.728	113	79268	50.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.280%	
50) Toluene-d8	10.185	98	330727	52.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.489	95	112380	52.433	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.860%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	51596	49.317	ug/l	96
3) Chloromethane	2.119	50	70529	48.691	ug/l	96
4) Vinyl Chloride	2.253	62	75799	50.701	ug/l	95
5) Bromomethane	2.656	94	52553	52.087	ug/l	97
6) Chloroethane	2.802	64	52206	49.601	ug/l	97
7) Trichlorofluoromethane	3.131	101	112956	50.047	ug/l	100
8) Diethyl Ether	3.534	74	39503	52.808	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.906	101	70228	49.391	ug/l	96
10) Methyl Iodide	4.101	142	81678	51.659	ug/l	98
11) Tert butyl alcohol	4.960	59	26804	233.760	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	64038	49.344	ug/l	92
13) Acrolein	3.741	56	25014	236.977	ug/l	100
14) Allyl chloride	4.491	41	95284	51.330	ug/l #	95
15) Acrylonitrile	5.174	53	82482	258.036	ug/l	99
16) Acetone	3.948	43	61929	253.019	ug/l	97
17) Carbon Disulfide	4.204	76	168197	51.912	ug/l	99
18) Methyl Acetate	4.485	43	64056	51.901	ug/l #	91
19) Methyl tert-butyl Ether	5.228	73	193695	52.471	ug/l	96
20) Methylene Chloride	4.722	84	82543	53.067	ug/l	87
21) trans-1,2-Dichloroethene	5.235	96	76305	50.477	ug/l	94
22) Diisopropyl ether	6.131	45	236898	52.763	ug/l	89
23) Vinyl Acetate	6.070	43	574629	260.668	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	140593	52.321	ug/l	98
25) 2-Butanone	6.996	43	105053	248.113	ug/l	91
26) 2,2-Dichloropropane	6.990	77	123439	48.595	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	92156	51.802	ug/l	92
28) Bromochloromethane	7.344	49	51716	51.431	ug/l	90
29) Tetrahydrofuran	7.356	42	69454	261.680	ug/l	90
30) Chloroform	7.515	83	150155	51.326	ug/l	96
31) Cyclohexane	7.795	56	111859	47.414	ug/l	89
32) 1,1,1-Trichloroethane	7.716	97	134826	50.252	ug/l	98
36) 1,1-Dichloropropene	7.929	75	109251	47.858	ug/l	99
37) Ethyl Acetate	7.088	43	50037	49.212	ug/l #	96
38) Carbon Tetrachloride	7.911	117	114548	50.648	ug/l	98
39) Methylcyclohexane	9.191	83	132907	48.775	ug/l	91
40) Benzene	8.167	78	322507	49.210	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	65950	111.745	ug/l #	17
42) 1,2-Dichloroethane	8.246	62	91516	50.038	ug/l	93
43) Isopropyl Acetate	8.283	43	99534	49.490	ug/l	92
44) Trichloroethene	8.947	130	94243	49.139	ug/l	95
45) 1,2-Dichloropropane	9.222	63	80674	51.170	ug/l	96
46) Dibromomethane	9.313	93	44762	50.050	ug/l	98
47) Bromodichloromethane	9.502	83	115596	50.871	ug/l	96
48) Methyl methacrylate	9.301	41	44837	49.026	ug/l	91
49) 1,4-Dioxane	9.307	88	9676	897.528	ug/l #	56
51) 4-Methyl-2-Pentanone	10.075	43	253087	252.197	ug/l	92
52) Toluene	10.252	92	211014	49.688	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	116052	51.160	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	132521	49.787	ug/l	92
55) 1,1,2-Trichloroethane	10.654	97	63349	50.355	ug/l	96
56) Ethyl methacrylate	10.514	69	83812	51.299	ug/l #	86
57) 1,3-Dichloropropane	10.795	76	107518	50.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	203062	256.313	ug/l	93
59) 2-Hexanone	10.837	43	170406	247.799	ug/l	90
60) Dibromochloromethane	10.990	129	80196	50.812	ug/l	99
61) 1,2-Dibromoethane	11.093	107	59764	49.944	ug/l	100
64) Tetrachloroethene	10.727	164	97739	47.024	ug/l	97
65) Chlorobenzene	11.520	112	230281	49.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	86661	50.398	ug/l	98
67) Ethyl Benzene	11.599	91	409167	49.275	ug/l	99
68) m/p-Xylenes	11.709	106	316910	98.767	ug/l	95
69) o-Xylene	12.038	106	151953	49.600	ug/l	97
70) Styrene	12.050	104	257593	50.578	ug/l	96
71) Bromoform	12.215	173	47535	49.831	ug/l #	100
73) Isopropylbenzene	12.337	105	404265	47.991	ug/l	99
74) N-amyl acetate	12.148	43	89552	48.921	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	64578	48.177	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	89951	85.057	ug/l #	100
77) Bromobenzene	12.617	156	93391	48.962	ug/l	95
78) n-propylbenzene	12.678	91	479086	48.105	ug/l	99
79) 2-Chlorotoluene	12.764	91	267961	48.240	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	330924	48.489	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	22948	47.050	ug/l	95
82) 4-Chlorotoluene	12.861	91	278261	48.784	ug/l	99
83) tert-Butylbenzene	13.081	119	294959	48.303	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	328594	48.658	ug/l	98
85) sec-Butylbenzene	13.258	105	434043	48.428	ug/l	99
86) p-Isopropyltoluene	13.373	119	358382	48.246	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	182699	48.431	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	180876	48.512	ug/l	100
89) n-Butylbenzene	13.703	91	332189	48.670	ug/l	96
90) Hexachloroethane	13.971	117	64803	50.624	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	160218	49.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10846	45.212	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	100101	49.759	ug/l	99
94) Hexachlorobutadiene	15.117	225	53998	49.120	ug/l	97
95) Naphthalene	15.245	128	188499	48.232	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	85317	49.646	ug/l	99

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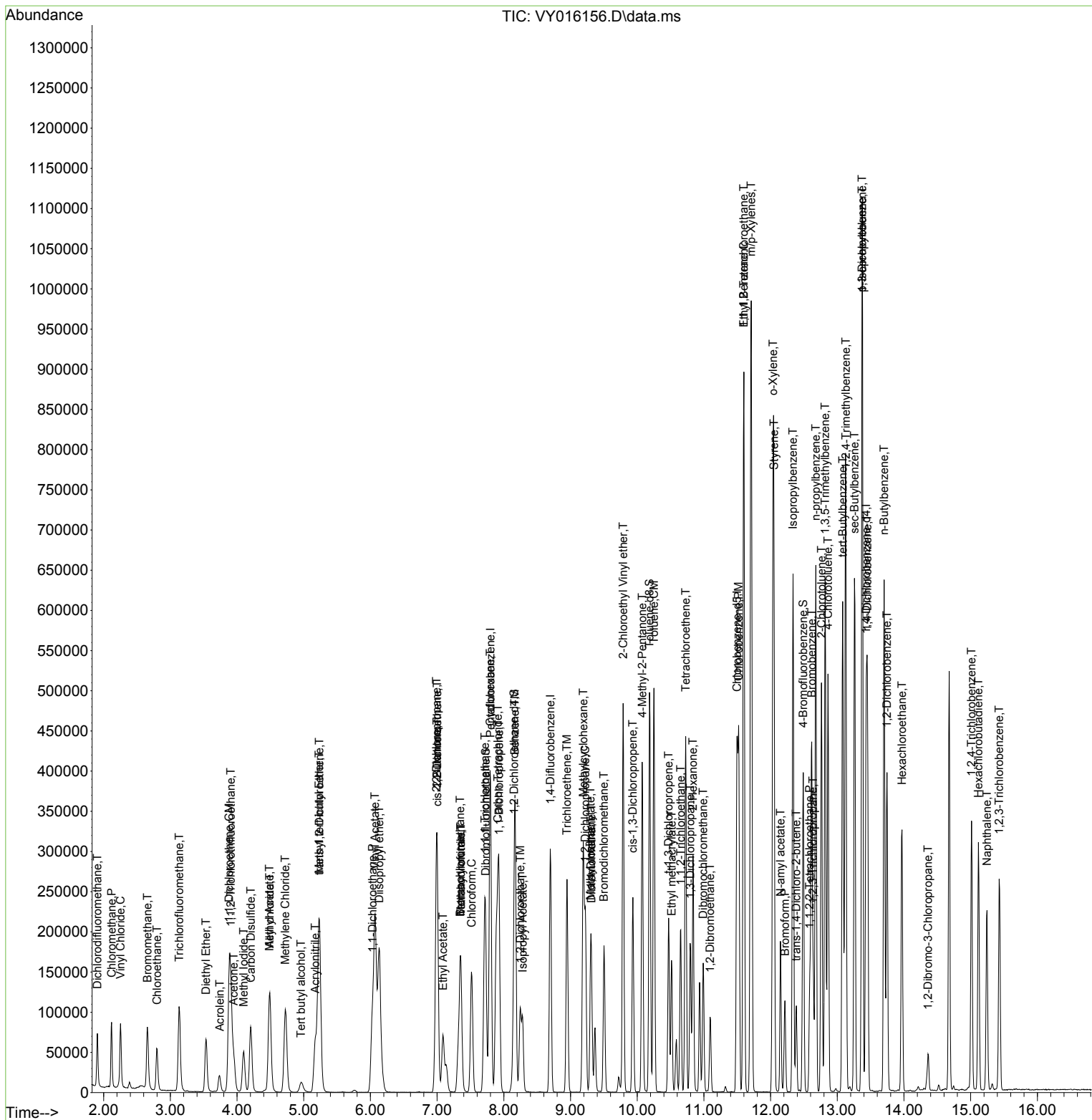
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MSVOA_Y
ClientSampleId :

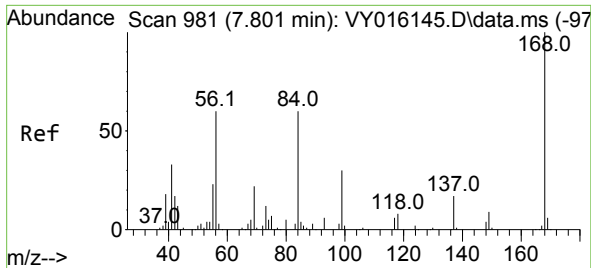
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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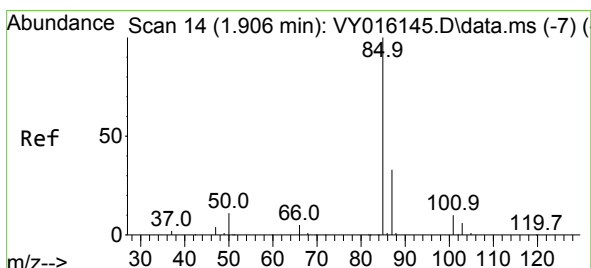
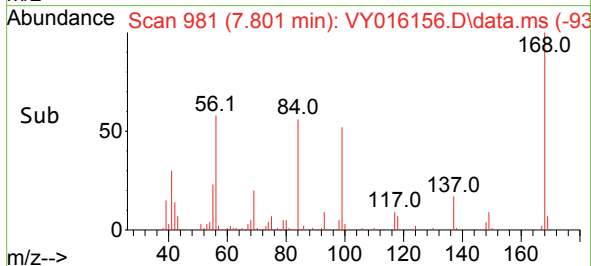
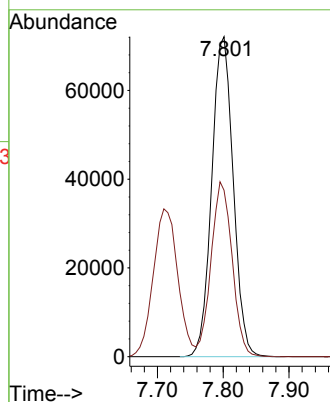
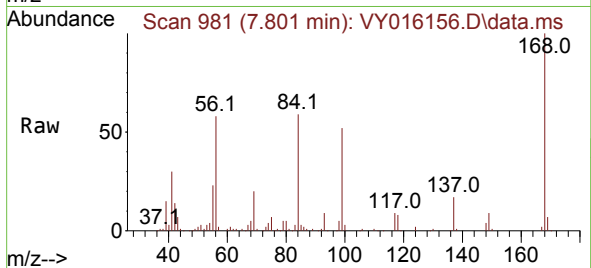




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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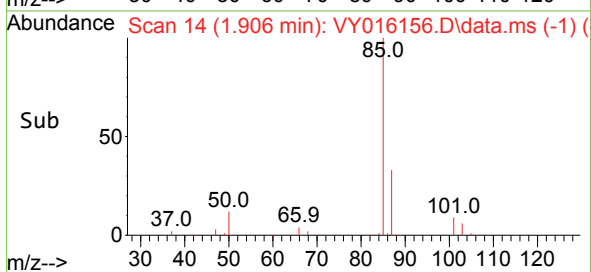
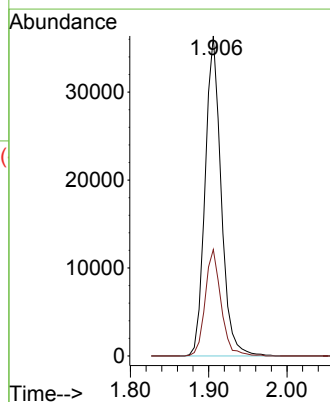
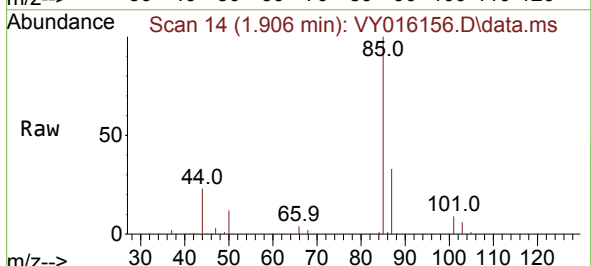
Instrument :
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ClientSampleId :

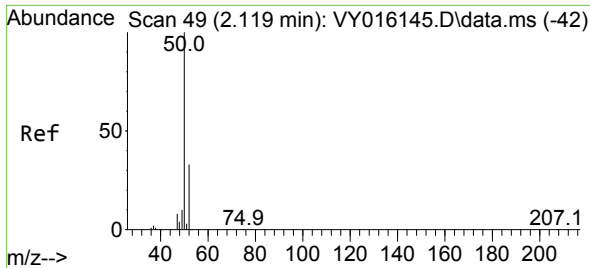
Tgt Ion:168 Resp: 164010
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.317 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 85 Resp: 51596
Ion Ratio Lower Upper
85 100
87 33.3 15.6 46.8

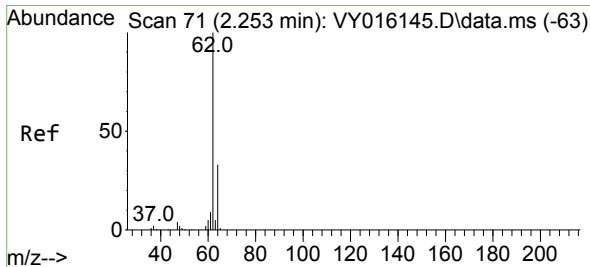
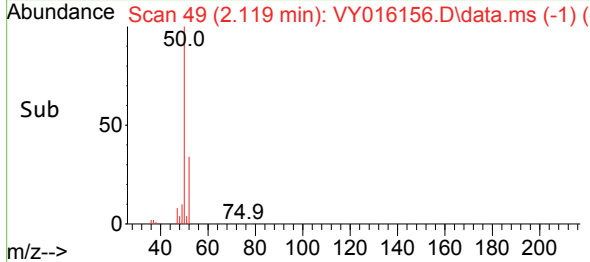
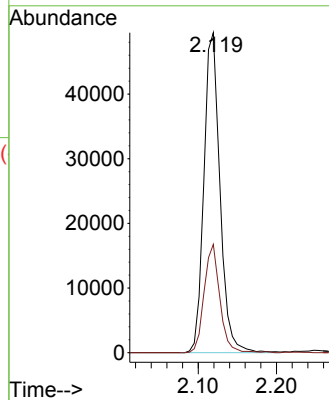
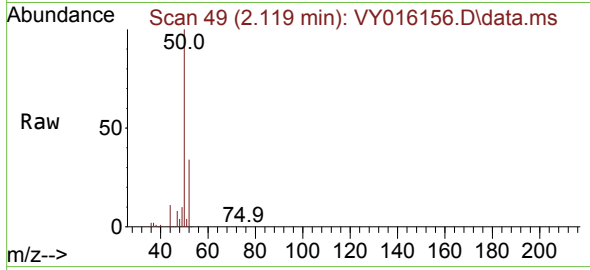




#3
Chloromethane
Concen: 48.691 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016156.D
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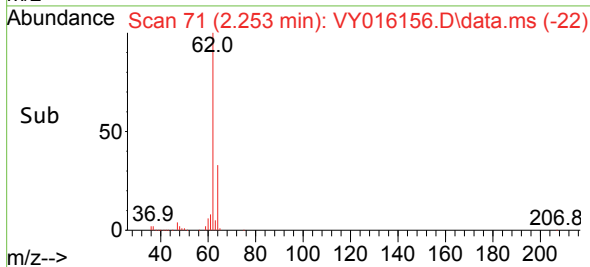
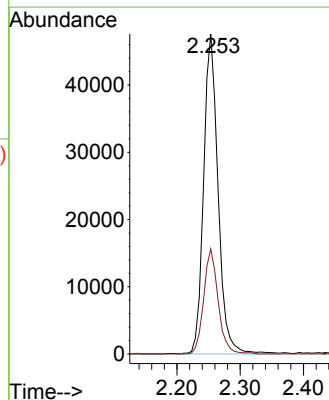
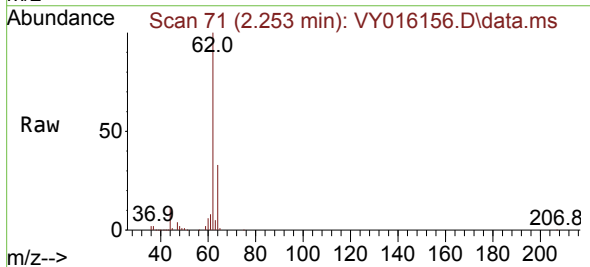
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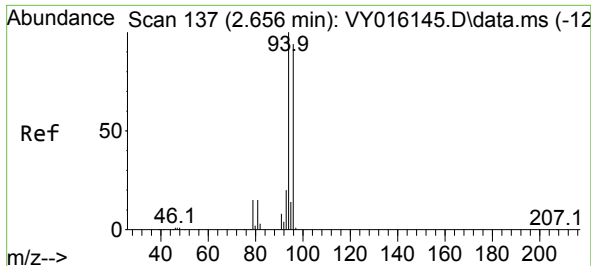
Tgt Ion: 50 Resp: 70529
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2



#4
Vinyl Chloride
Concen: 50.701 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016156.D
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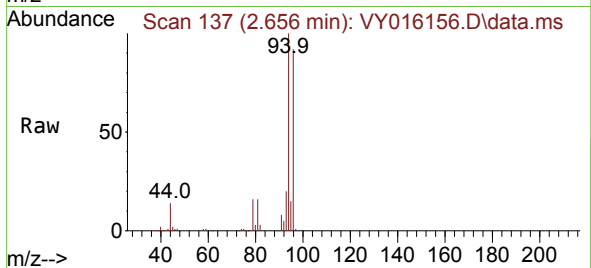
Tgt Ion: 62 Resp: 75799
Ion Ratio Lower Upper
62 100
64 32.9 24.3 36.5



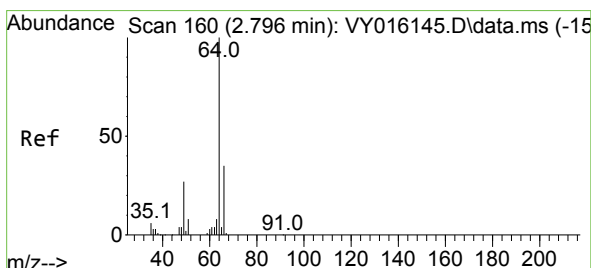
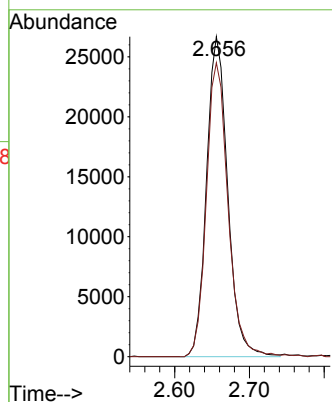
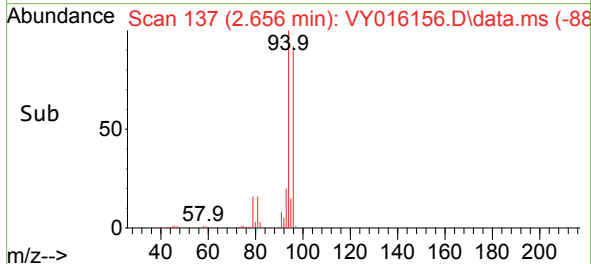


#5
Bromomethane
Concen: 52.087 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

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ClientSampleId :

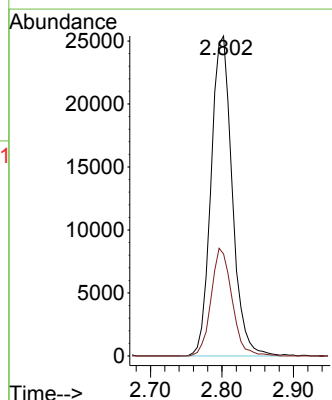
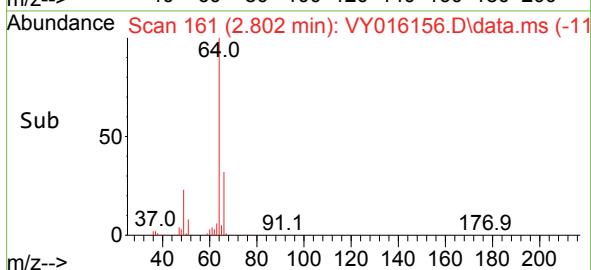
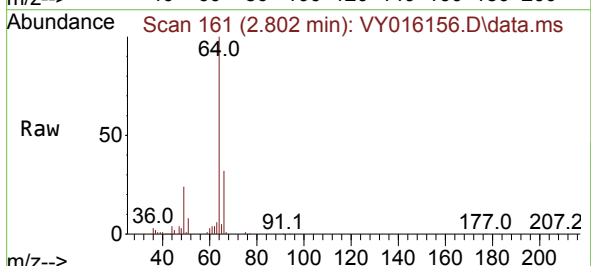


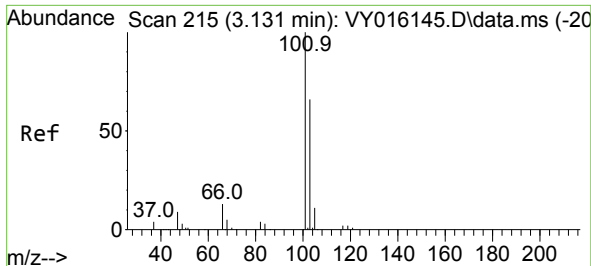
Tgt Ion: 94 Resp: 52553
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.6



#6
Chloroethane
Concen: 49.601 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 64 Resp: 52206
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6

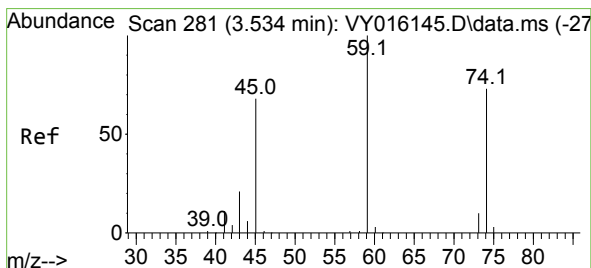
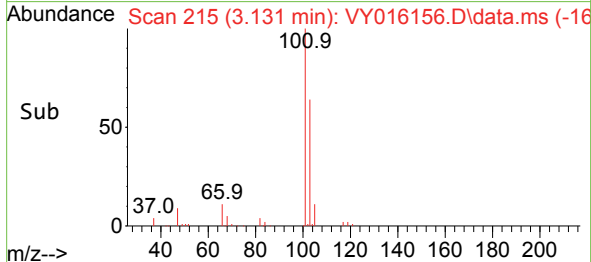
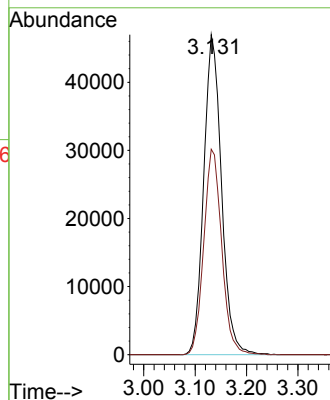
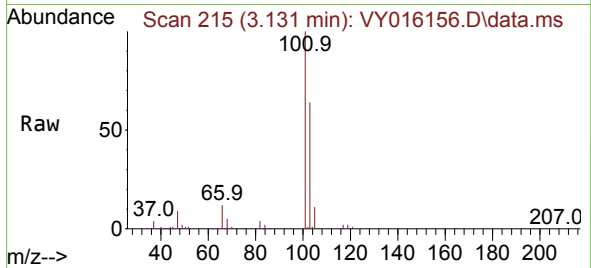




#7
 Trichlorofluoromethane
 Concen: 50.047 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY016156.D
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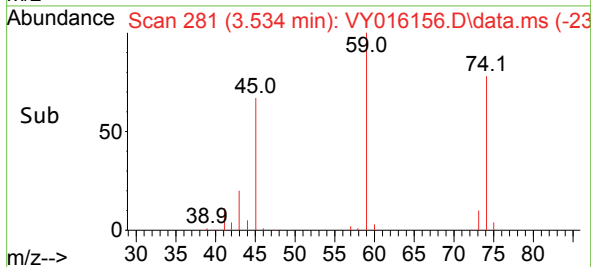
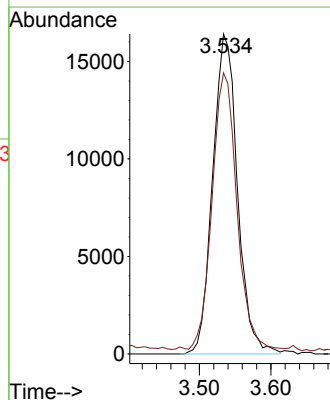
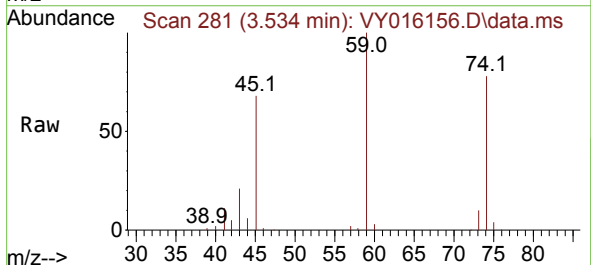
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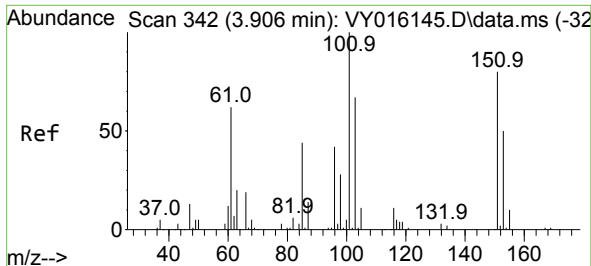
Tgt Ion:101 Resp: 112956
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.808 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY016156.D
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Tgt Ion: 74 Resp: 39503
 Ion Ratio Lower Upper
 74 100
 45 86.3 51.5 154.5

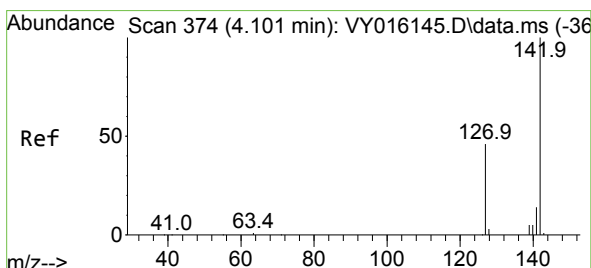
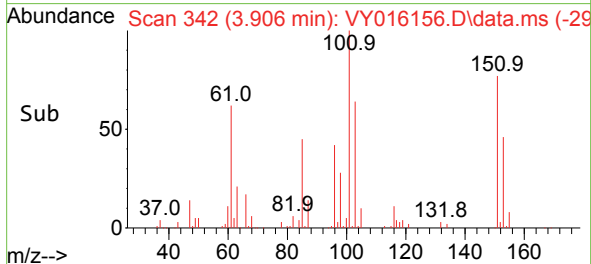
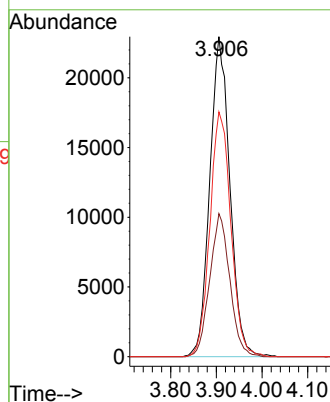
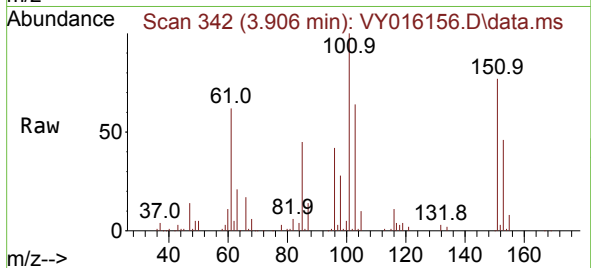




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.391 ug/l
 RT: 3.906 min Scan# 342
 Delta R.T. 0.000 min
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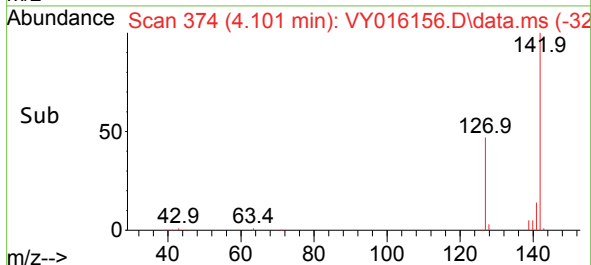
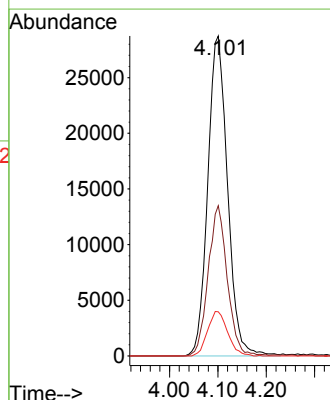
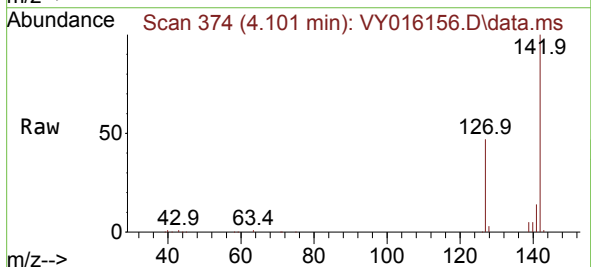
Instrument :
 MSVOA_Y
 ClientSampleId :

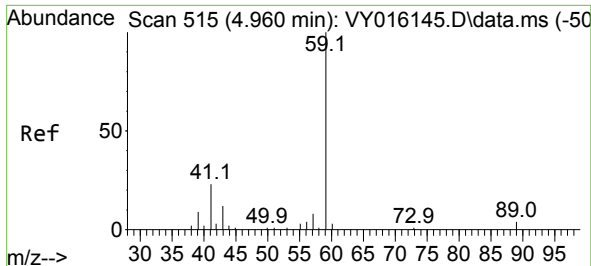
Tgt Ion:101 Resp: 70228
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.6 55.0
 151 79.8 67.0 100.6



#10
 Methyl Iodide
 Concen: 51.659 ug/l
 RT: 4.101 min Scan# 374
 Delta R.T. 0.000 min
 Lab File: VY016156.D
 Acq: 31 Oct 2023 19:32

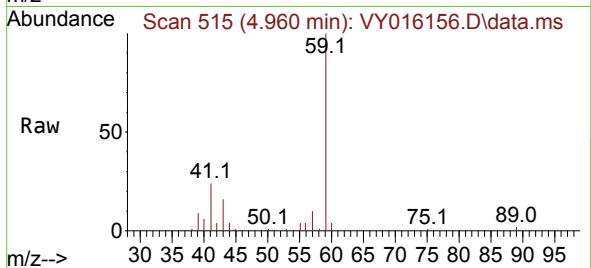
Tgt Ion:142 Resp: 81678
 Ion Ratio Lower Upper
 142 100
 127 45.5 37.6 56.4
 141 14.1 11.8 17.8



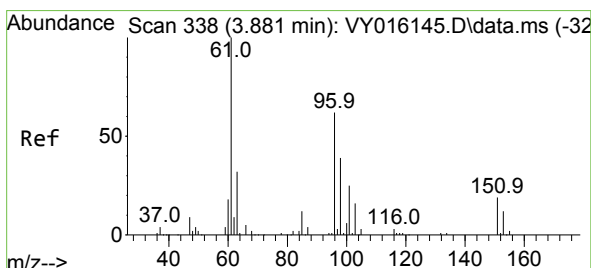
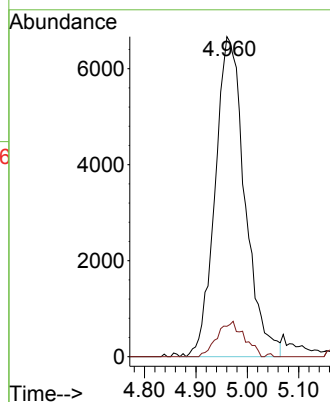
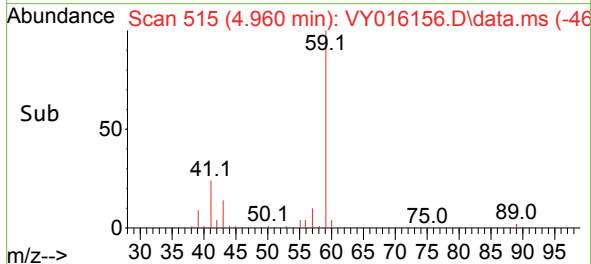


#11
Tert butyl alcohol
Concen: 233.760 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Instrument :
MSVOA_Y
ClientSampleId :

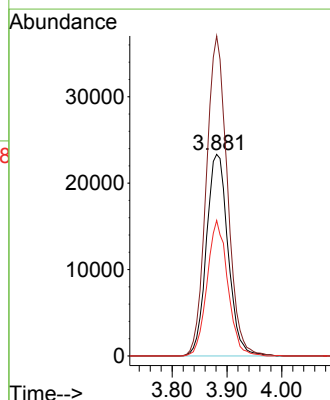
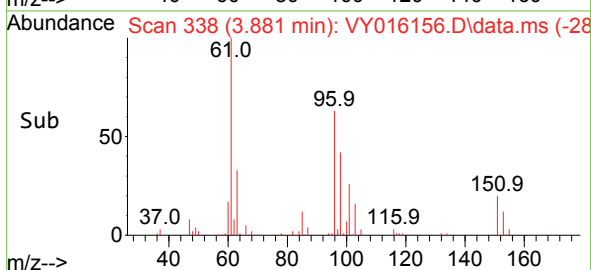
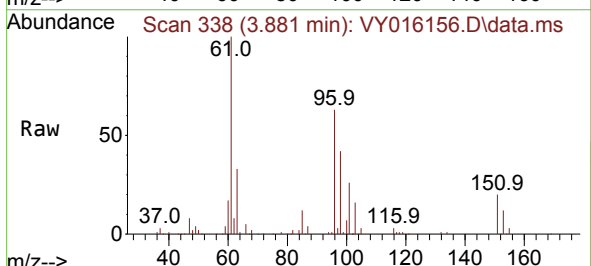


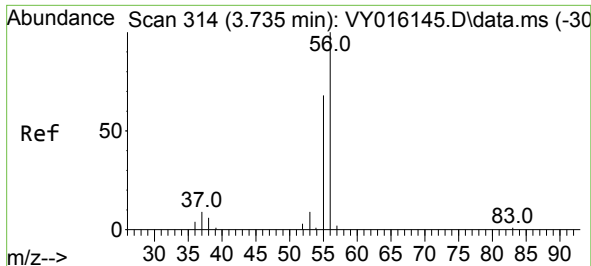
Tgt Ion: 59 Resp: 26804
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.344 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 96 Resp: 64038
Ion Ratio Lower Upper
96 100
61 158.8 136.4 204.6
98 67.2 49.4 74.2





#13

Acrolein

Concen: 236.977 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

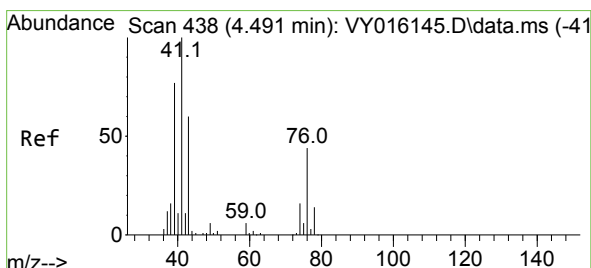
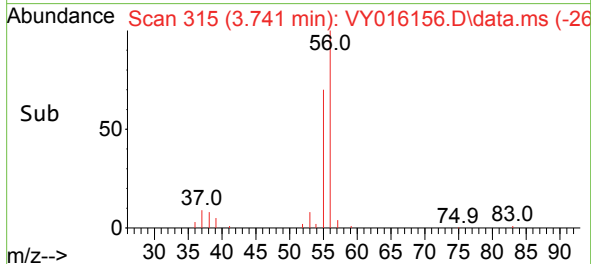
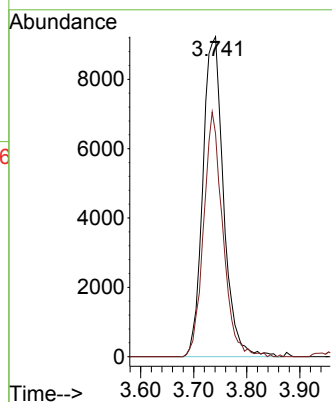
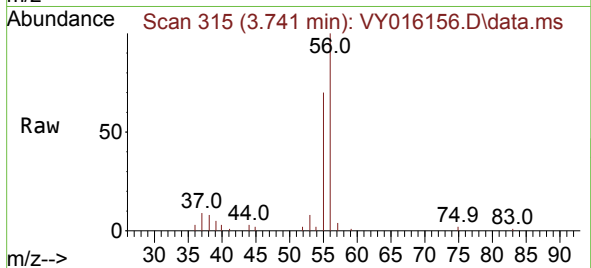
ClientSampleId :

Tgt Ion: 56 Resp: 25014

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 51.330 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

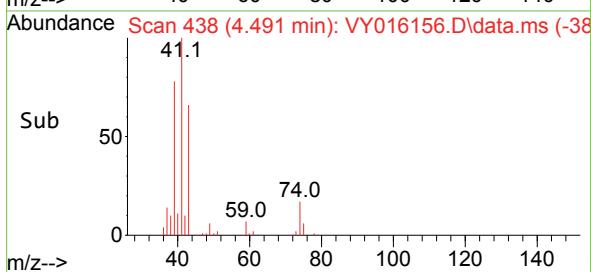
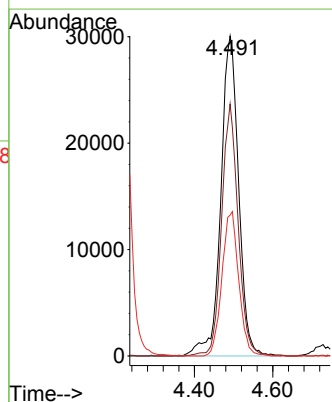
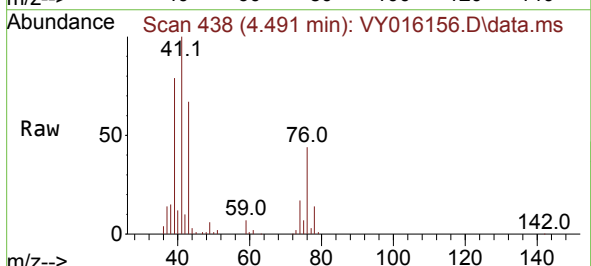
Tgt Ion: 41 Resp: 95284

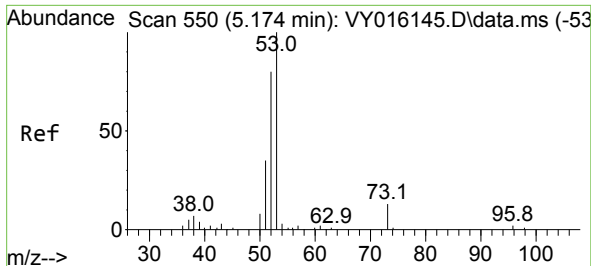
Ion Ratio Lower Upper

41 100

39 73.0 58.0 87.0

76 42.6 27.4 41.2#

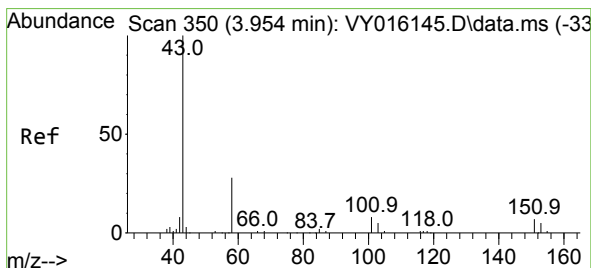
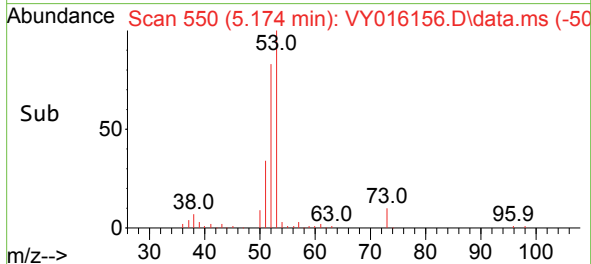
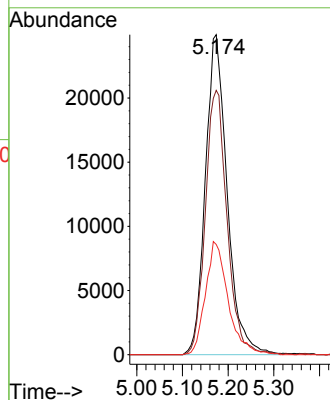
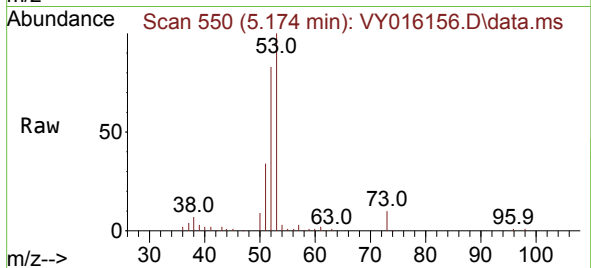




#15
Acrylonitrile
Concen: 258.036 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

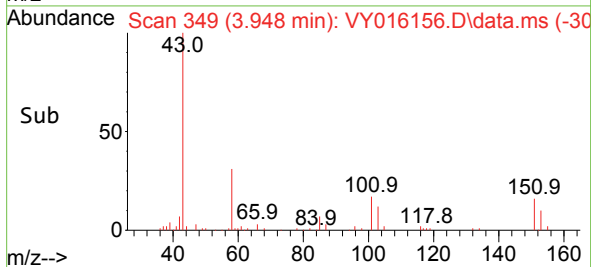
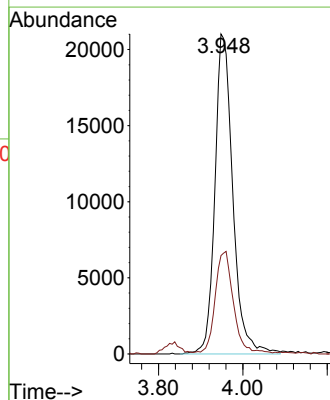
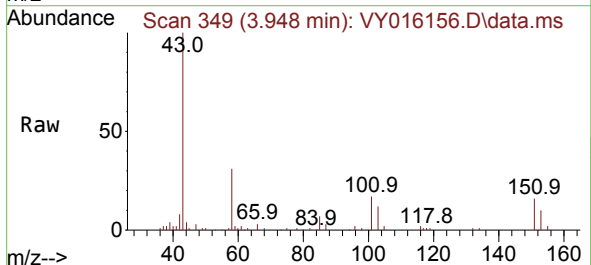
Instrument :
MSVOA_Y
ClientSampleId :

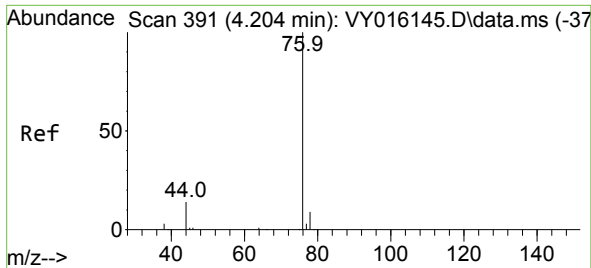
Tgt Ion: 53 Resp: 82482
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.9 29.8 44.6



#16
Acetone
Concen: 253.019 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 43 Resp: 61929
Ion Ratio Lower Upper
43 100
58 30.2 22.7 34.1

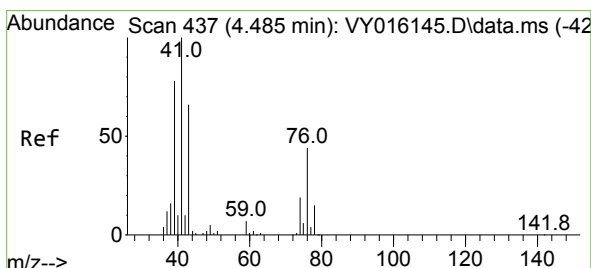
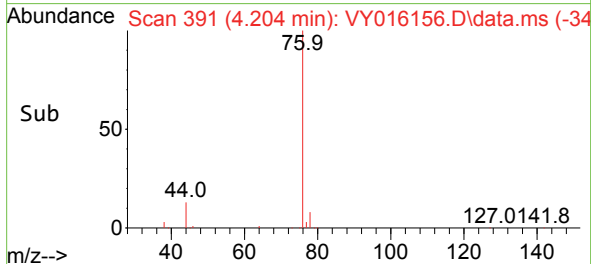
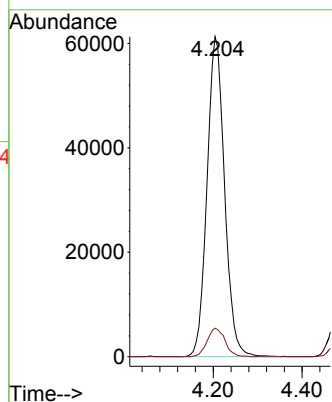
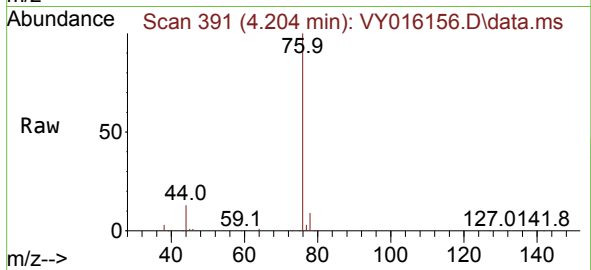




#17
Carbon Disulfide
Concen: 51.912 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

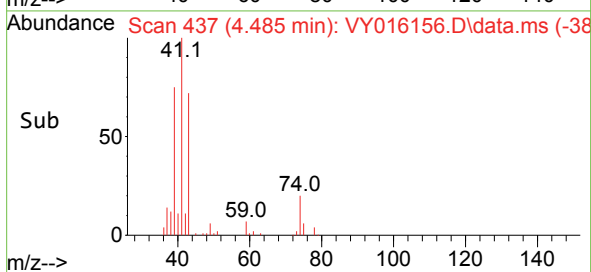
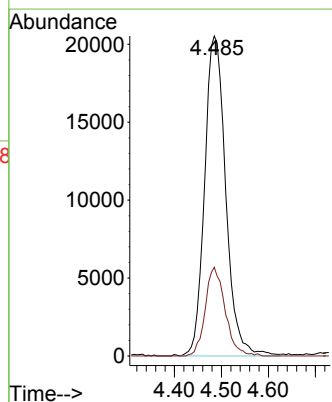
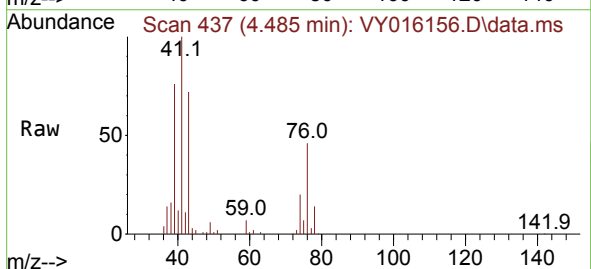
Instrument :
MSVOA_Y
ClientSampleId :

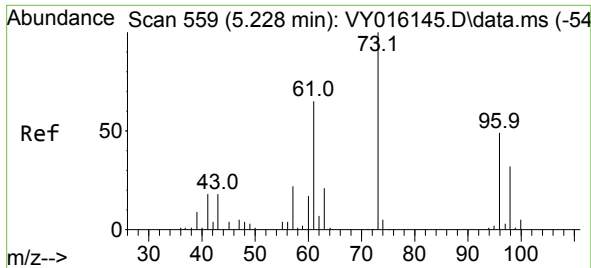
Tgt Ion: 76 Resp: 168197
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 51.901 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 43 Resp: 64056
Ion Ratio Lower Upper
43 100
74 26.1 17.4 26.0#

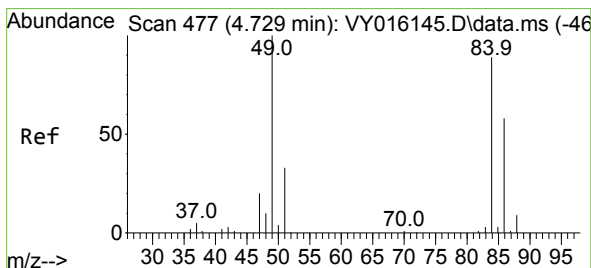
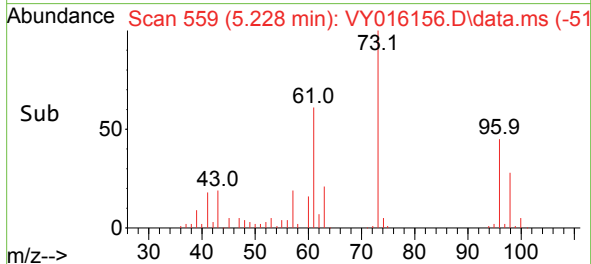
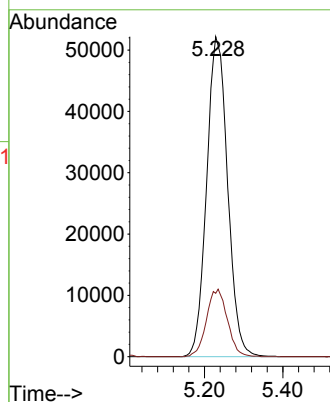
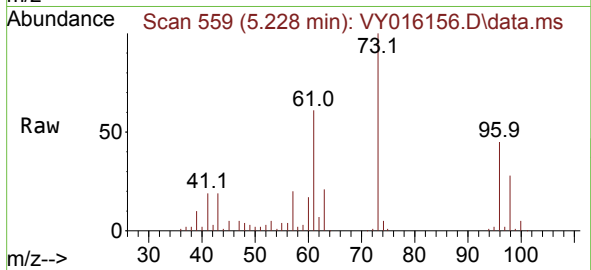




#19
Methyl tert-butyl Ether
Concen: 52.471 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

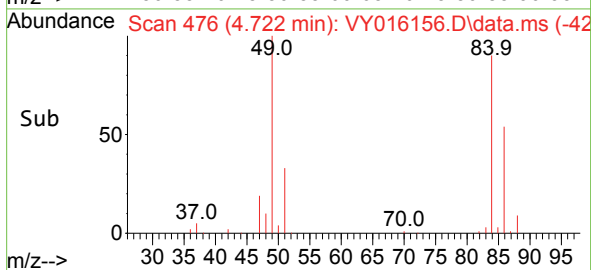
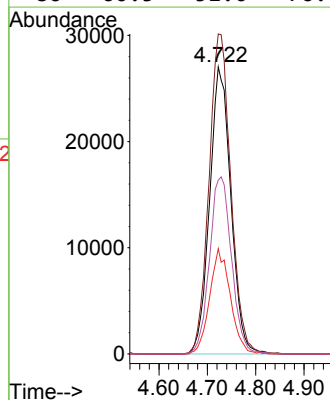
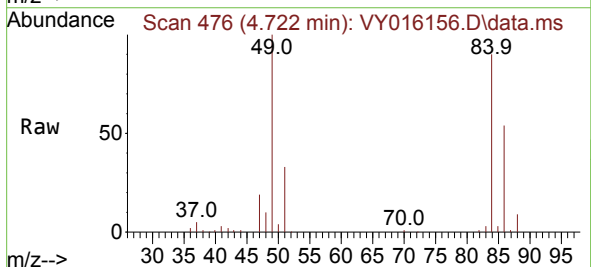
Instrument :
MSVOA_Y
ClientSampleId :

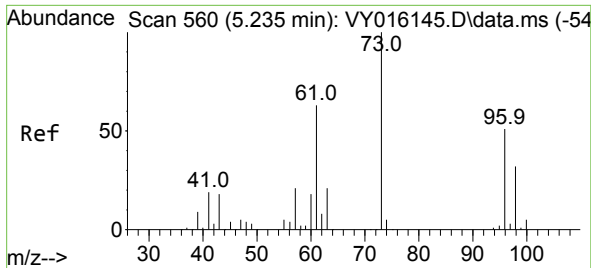
Tgt Ion: 73 Resp: 193695
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9



#20
Methylene Chloride
Concen: 53.067 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

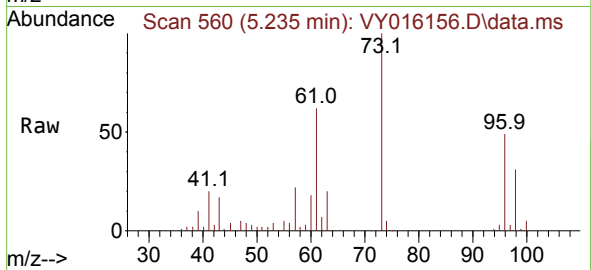
Tgt Ion: 84 Resp: 82543
Ion Ratio Lower Upper
84 100
49 111.4 106.9 160.3
51 36.7 33.2 49.8
86 60.5 51.0 76.6



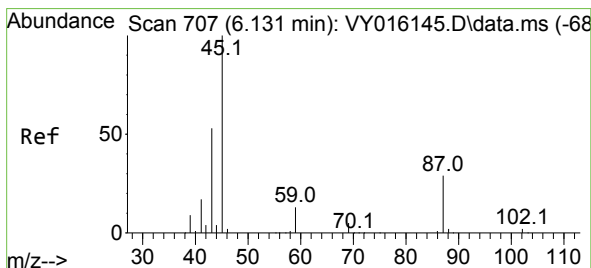
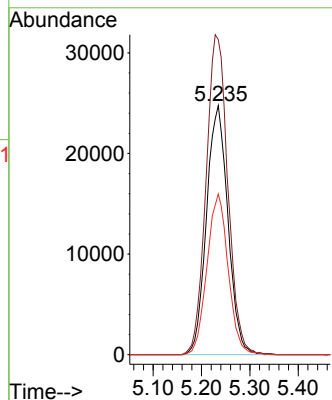
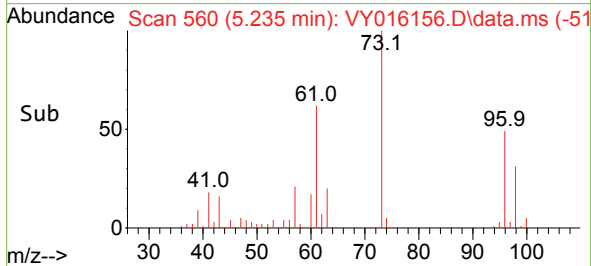


#21
trans-1,2-Dichloroethene
Concen: 50.477 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

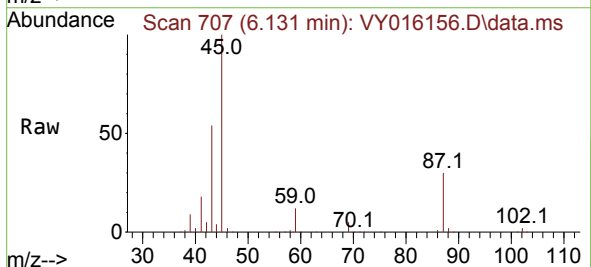
Instrument :
MSVOA_Y
ClientSampleId :



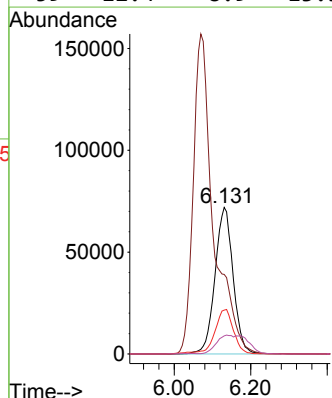
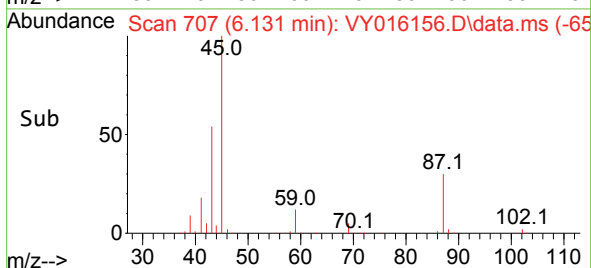
Tgt Ion: 96 Resp: 76305
Ion Ratio Lower Upper
96 100
61 126.5 110.2 165.4
98 64.5 51.8 77.6

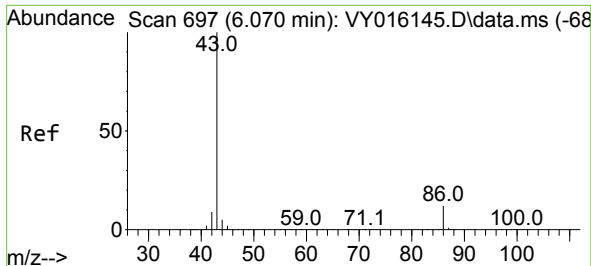


#22
Diisopropyl ether
Concen: 52.763 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32



Tgt Ion: 45 Resp: 236898
Ion Ratio Lower Upper
45 100
43 54.0 52.2 78.4
87 29.9 21.0 31.6
59 12.4 8.9 13.3

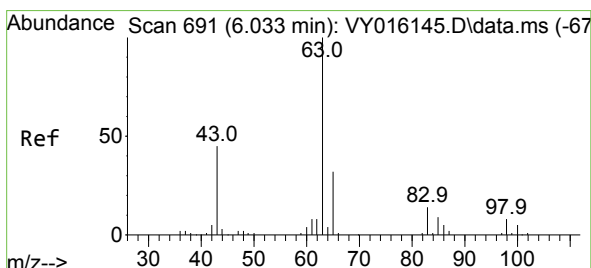
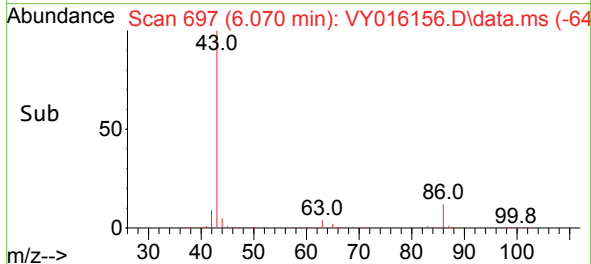
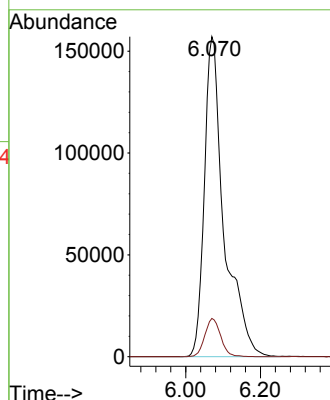
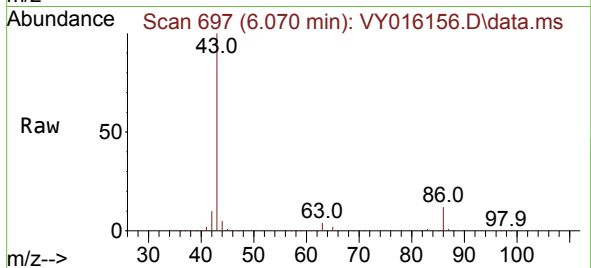




#23
 Vinyl Acetate
 Concen: 260.668 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016156.D
 Acq: 31 Oct 2023 19:32

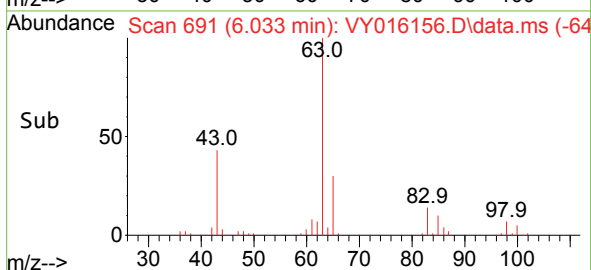
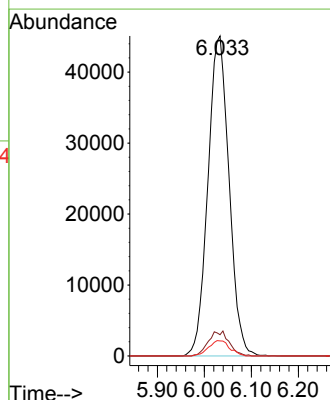
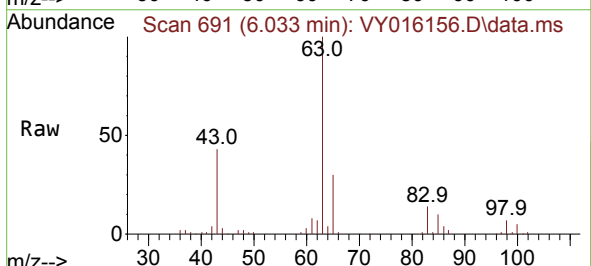
Instrument :
 MSVOA_Y
 ClientSampleId :

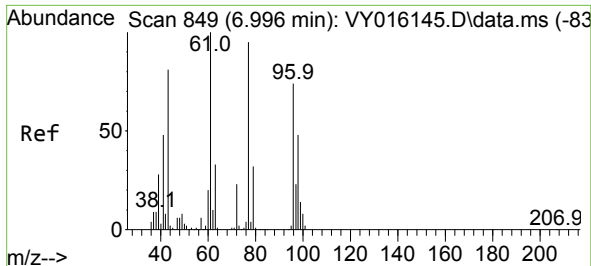
Tgt Ion: 43 Resp: 574629
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 52.321 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016156.D
 Acq: 31 Oct 2023 19:32

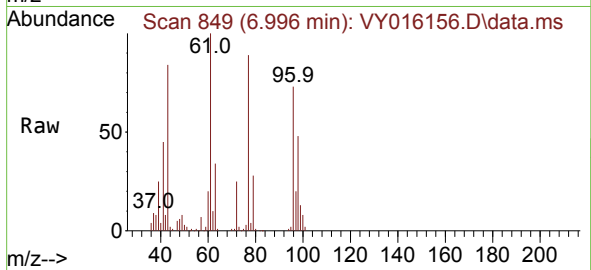
Tgt Ion: 63 Resp: 140593
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.7 1.8 5.5



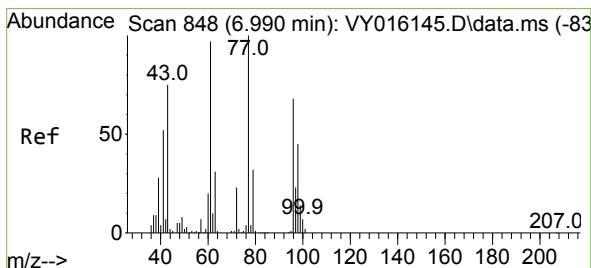
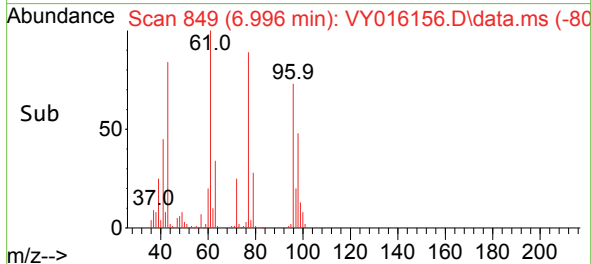
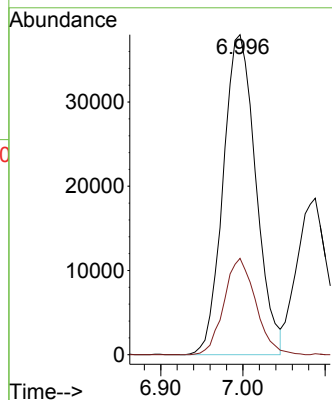


#25
2-Butanone
Concen: 248.113 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Instrument :
MSVOA_Y
ClientSampleId :

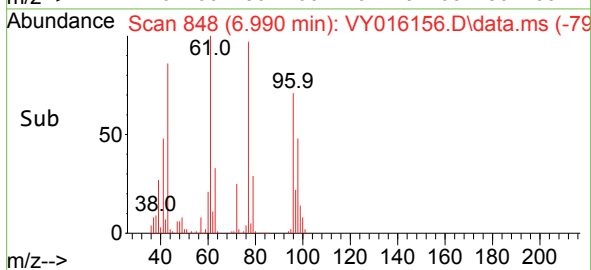
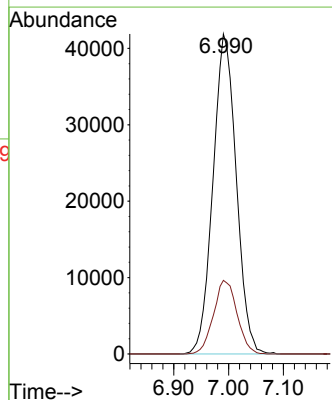
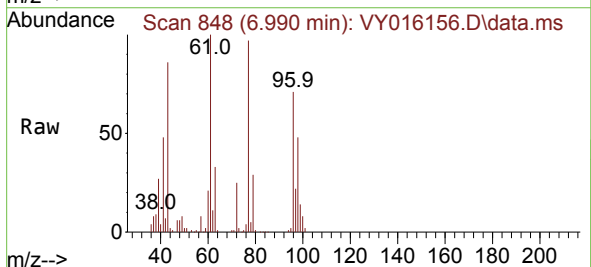


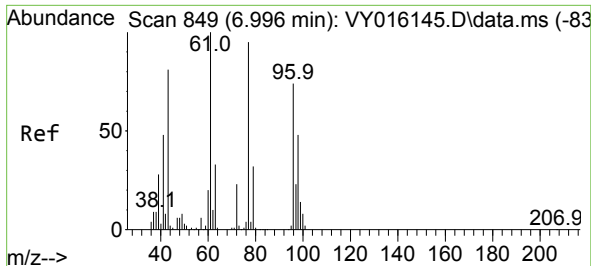
Tgt Ion: 43 Resp: 105053
Ion Ratio Lower Upper
43 100
72 30.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 48.595 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 77 Resp: 123439
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.802 ug/l

RT: 7.003 min Scan# 849

Delta R.T. 0.006 min

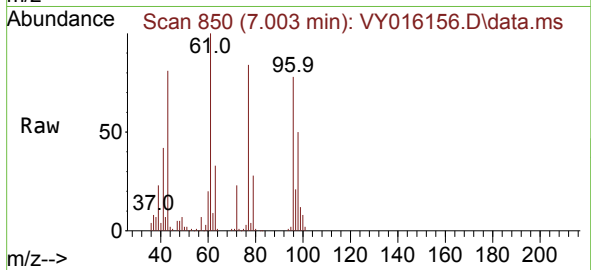
Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :



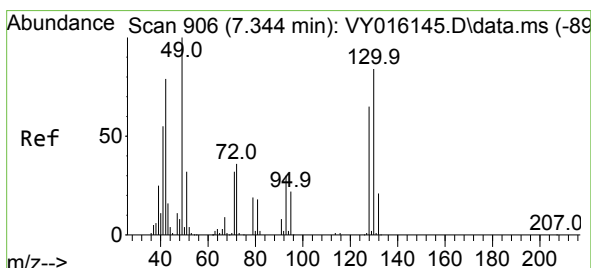
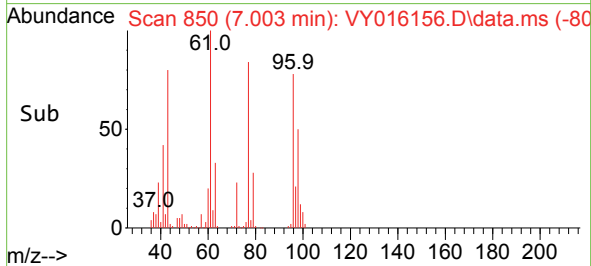
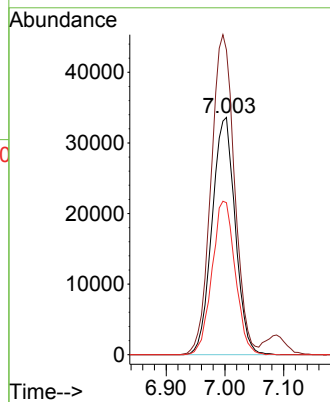
Tgt Ion: 96 Resp: 92156

Ion Ratio Lower Upper

96 100

61 136.7 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 51.431 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

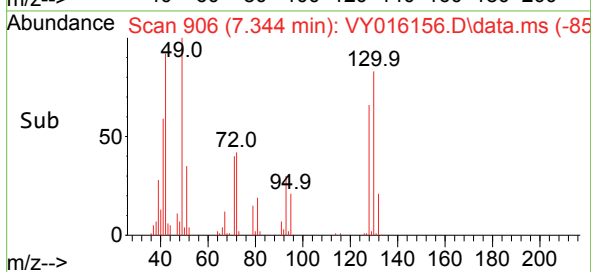
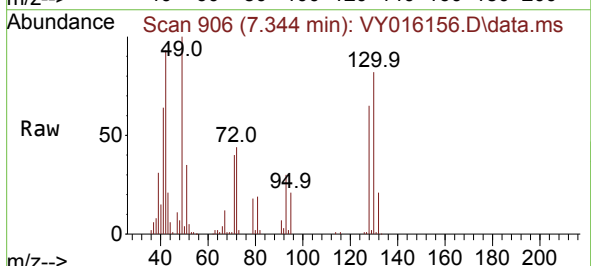
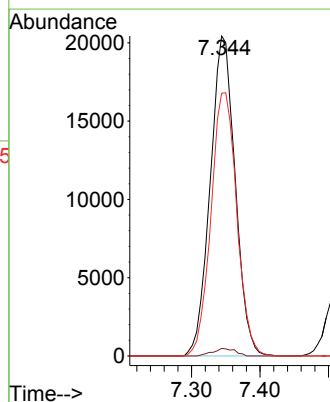
Tgt Ion: 49 Resp: 51716

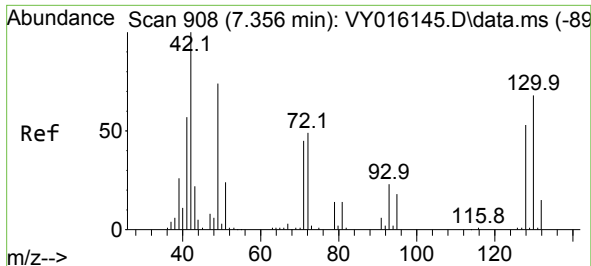
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 84.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 261.680 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

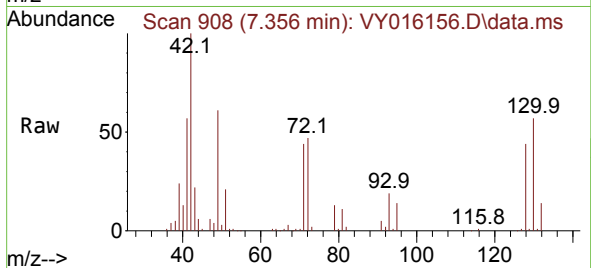
Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :



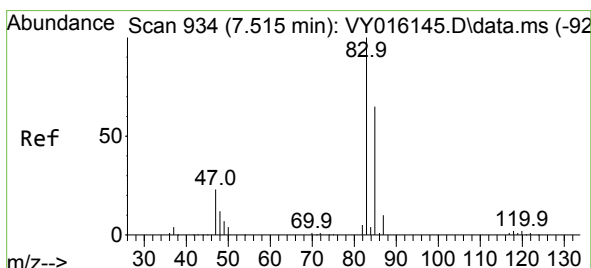
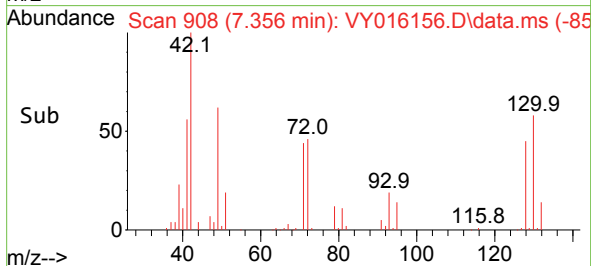
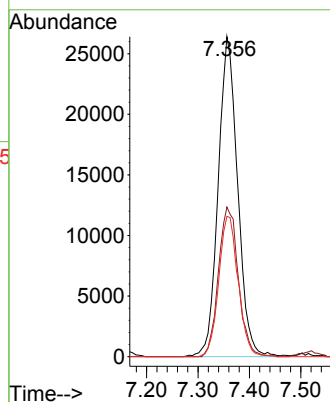
Tgt Ion: 42 Resp: 69454

Ion Ratio Lower Upper

42 100

72 47.7 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 51.326 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY016156.D

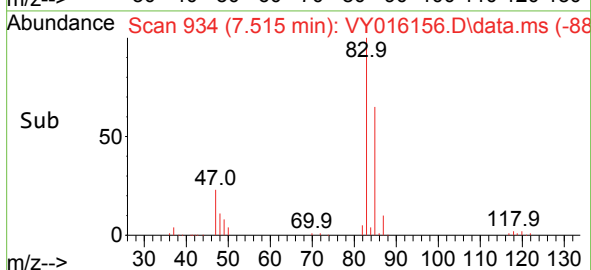
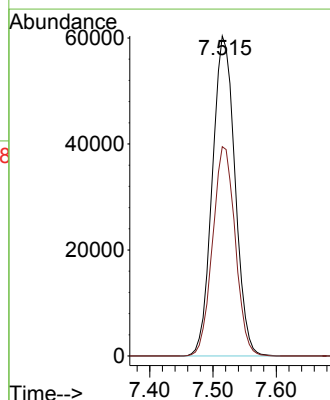
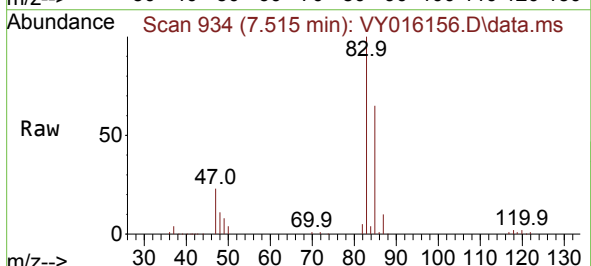
Acq: 31 Oct 2023 19:32

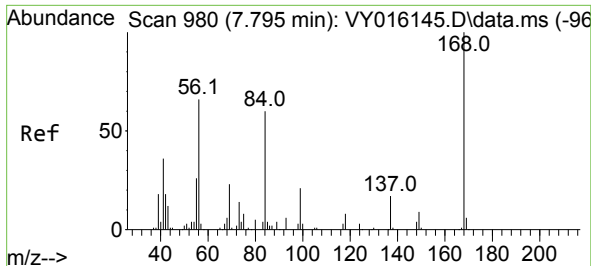
Tgt Ion: 83 Resp: 150155

Ion Ratio Lower Upper

83 100

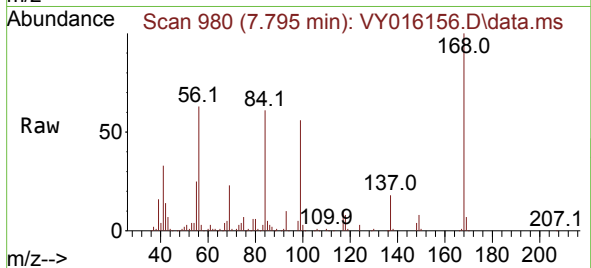
85 65.4 49.7 74.5



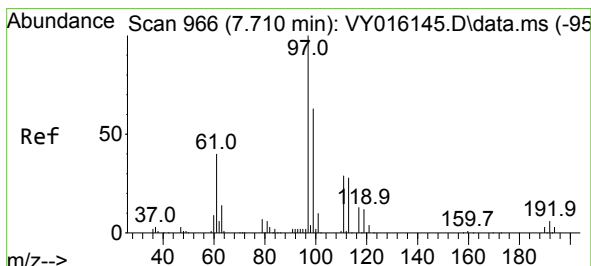
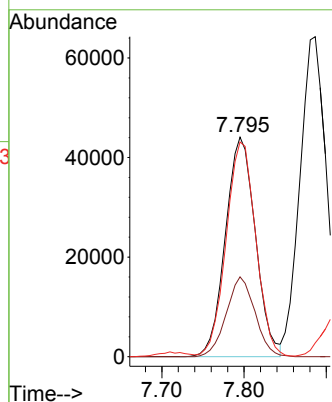
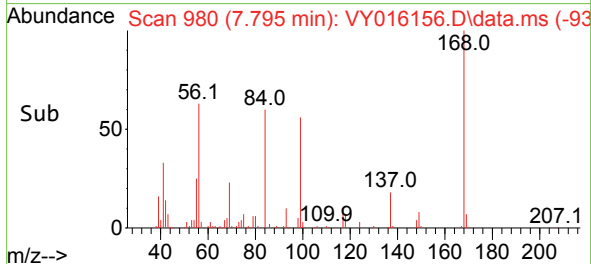


#31
Cyclohexane
Concen: 47.414 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

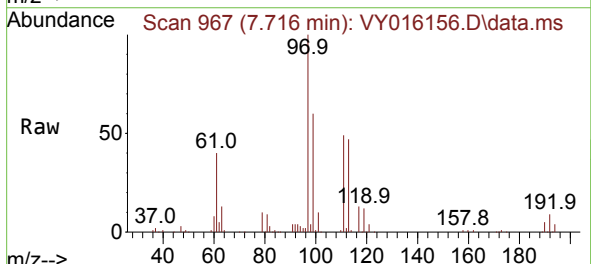
Instrument :
MSVOA_Y
ClientSampleId :



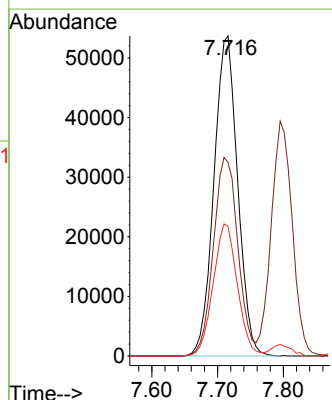
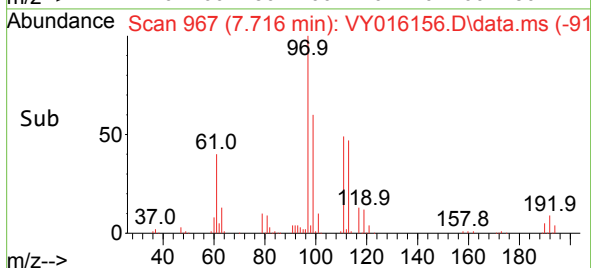
Tgt Ion: 56 Resp: 111859
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.6
84 95.7 66.4 99.6

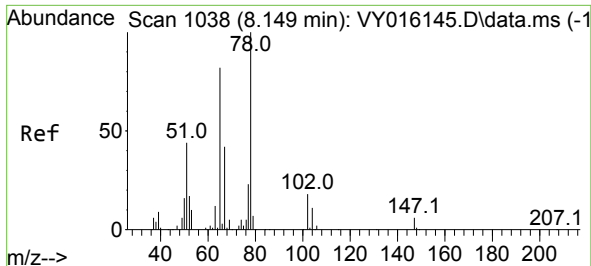


#32
1,1,1-Trichloroethane
Concen: 50.252 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32



Tgt Ion: 97 Resp: 134826
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 42.2 35.1 52.7

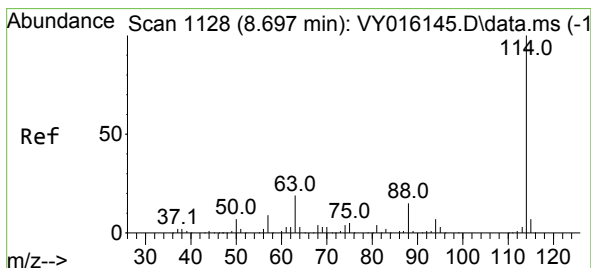
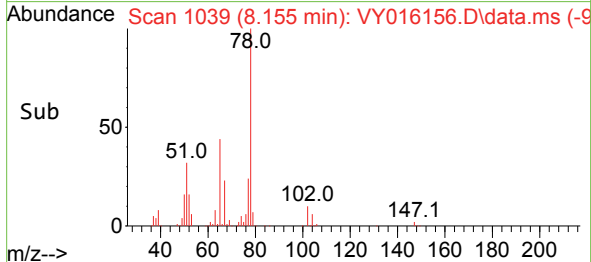
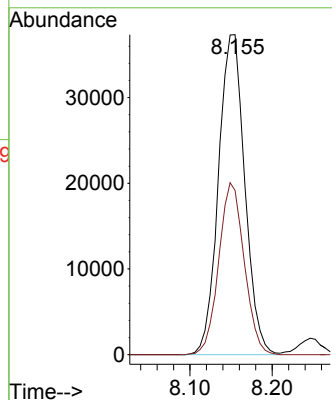
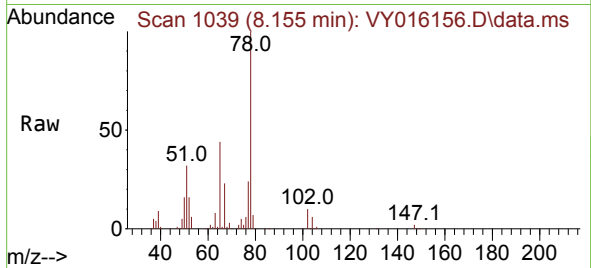




#33
 1,2-Dichloroethane-d4
 Concen: 54.229 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY016156.D
 Acq: 31 Oct 2023 19:32

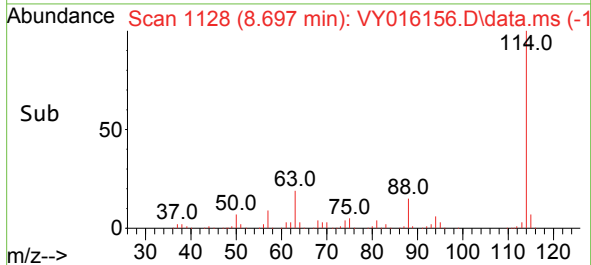
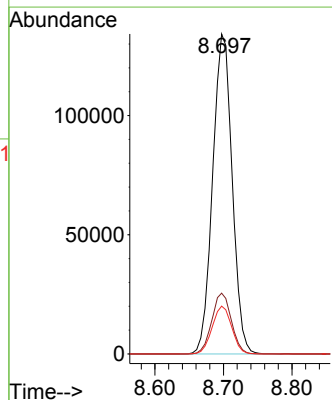
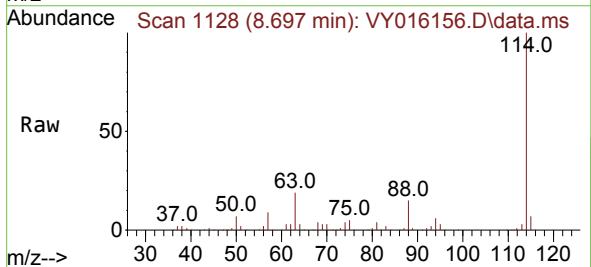
Instrument :
 MSVOA_Y
 ClientSampleId :

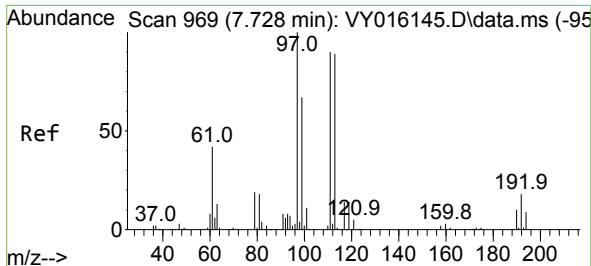
Tgt Ion: 65 Resp: 83225
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY016156.D
 Acq: 31 Oct 2023 19:32

Tgt Ion:114 Resp: 265177
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 15.0 0.0 30.6

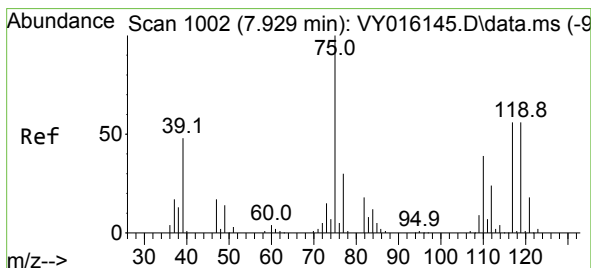
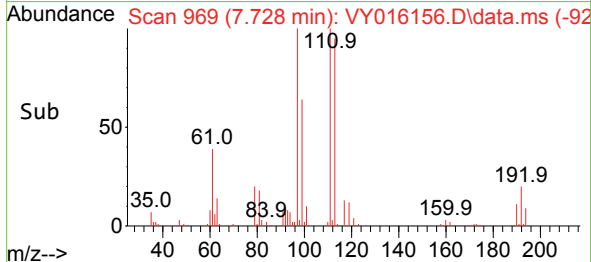
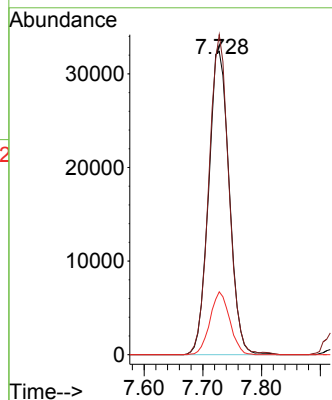
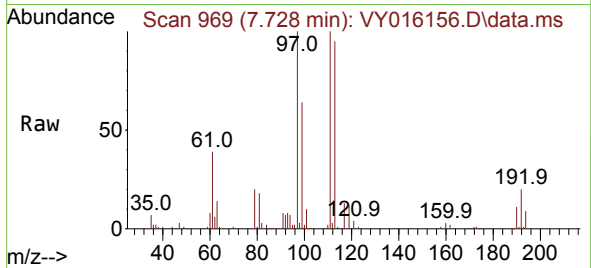




#35
Dibromofluoromethane
Concen: 50.141 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

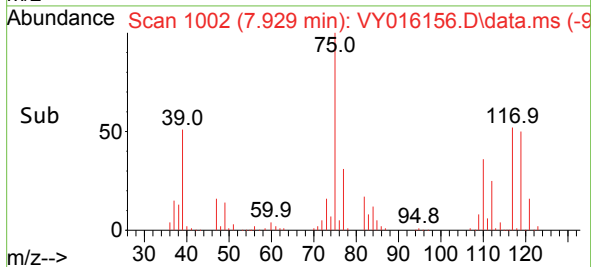
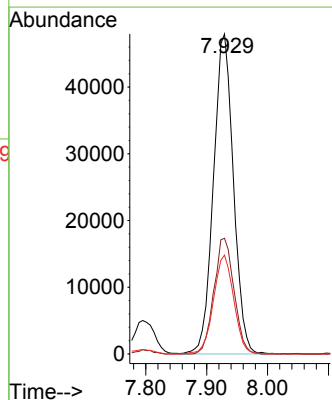
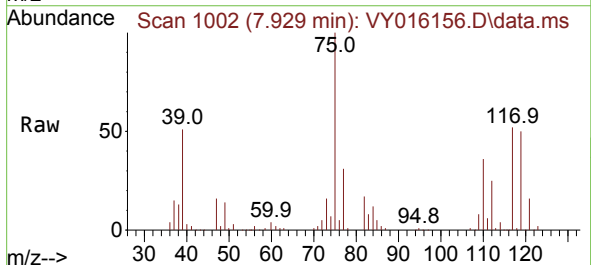
Instrument :
MSVOA_Y
ClientSampleId :

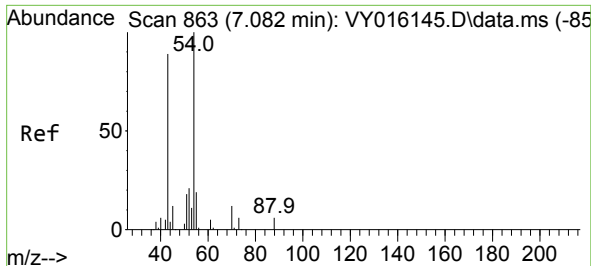
Tgt Ion:113 Resp: 79268
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.858 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 75 Resp: 109251
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 49.212 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :

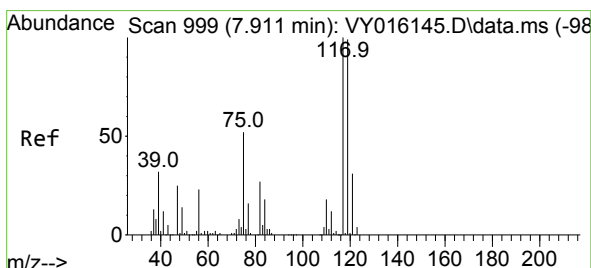
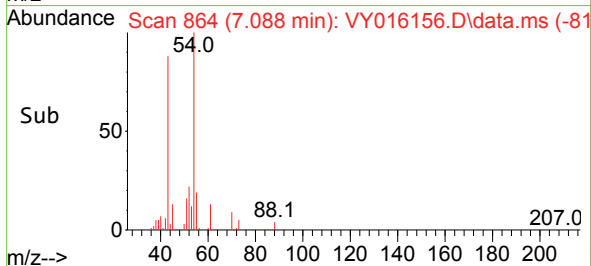
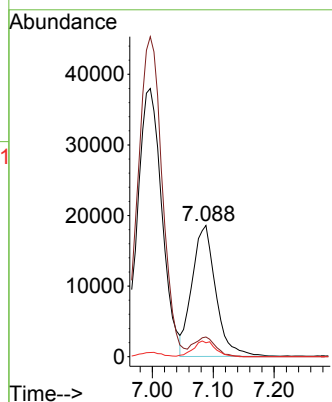
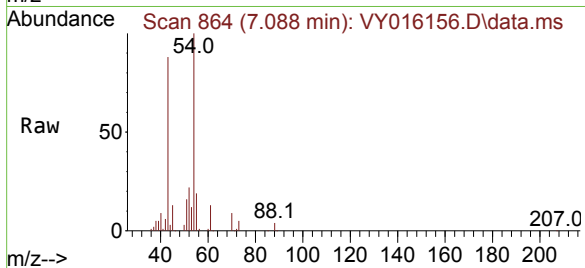
Tgt Ion: 43 Resp: 50037

Ion Ratio Lower Upper

43 100

61 13.8 10.1 15.1

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 50.648 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

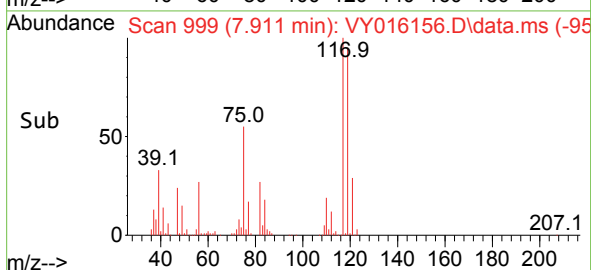
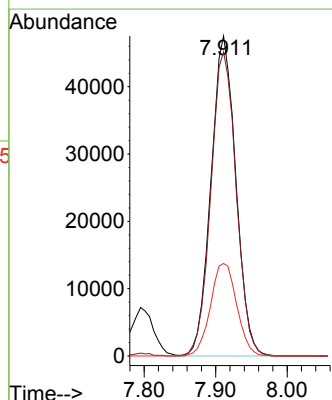
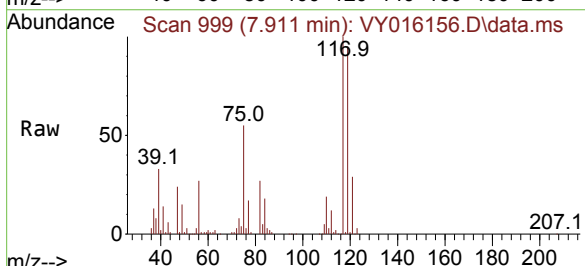
Tgt Ion: 117 Resp: 114548

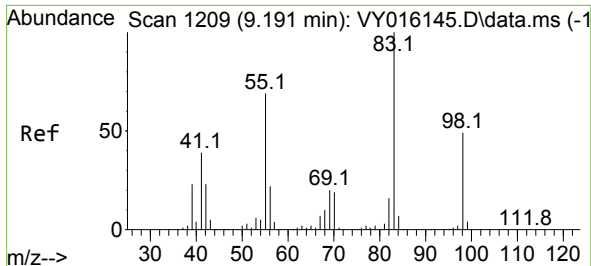
Ion Ratio Lower Upper

117 100

119 95.0 76.4 114.6

121 28.9 25.8 38.6





#39

Methylcyclohexane

Concen: 48.775 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :

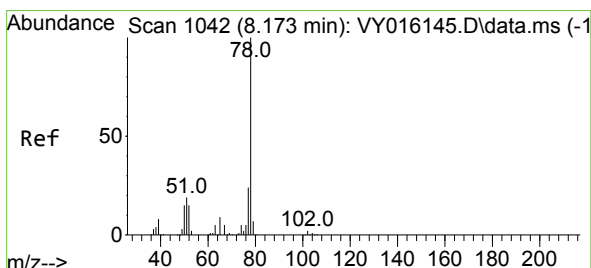
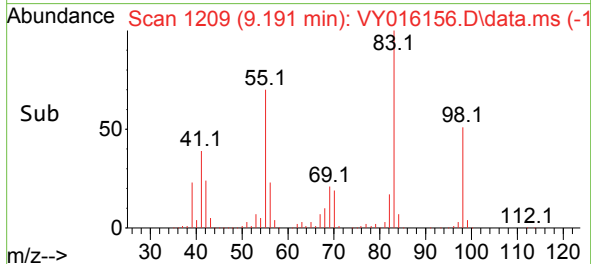
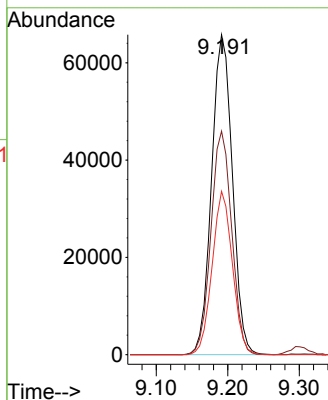
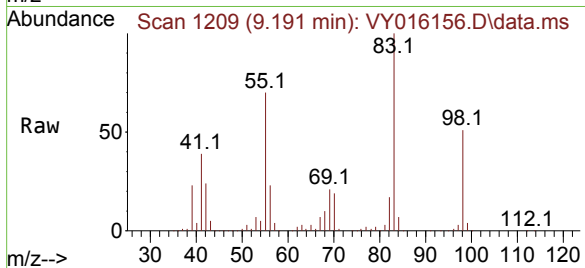
Tgt Ion: 83 Resp: 132907

Ion Ratio Lower Upper

83 100

55 69.9 63.0 94.4

98 51.1 37.4 56.2



#40

Benzene

Concen: 49.210 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016156.D

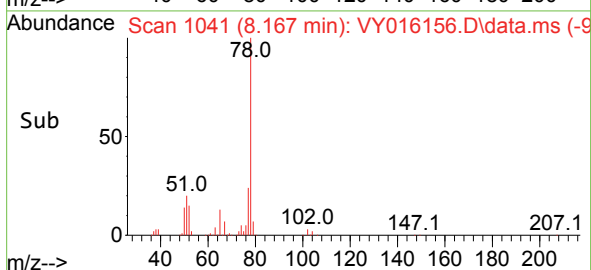
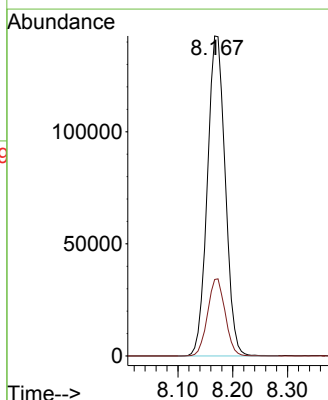
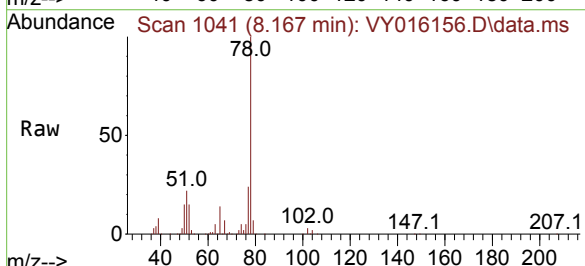
Acq: 31 Oct 2023 19:32

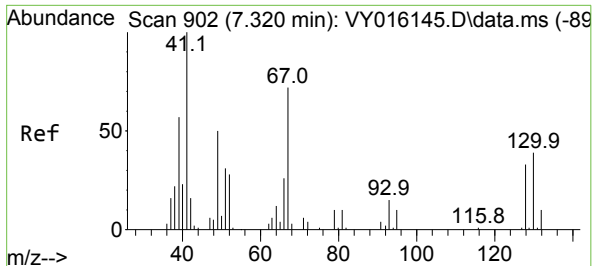
Tgt Ion: 78 Resp: 322507

Ion Ratio Lower Upper

78 100

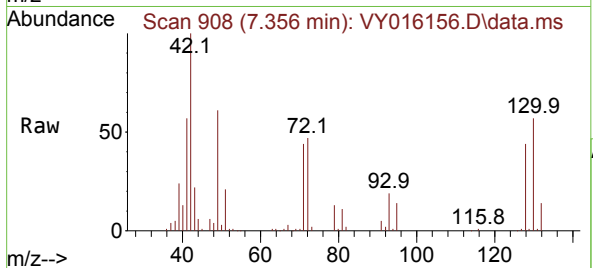
77 23.9 19.0 28.6



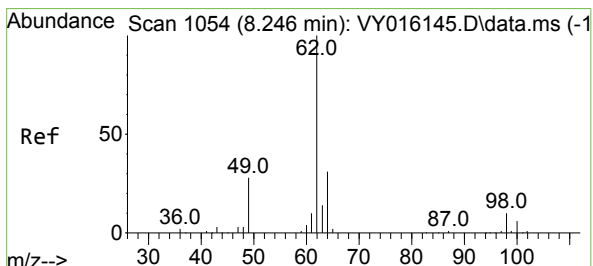
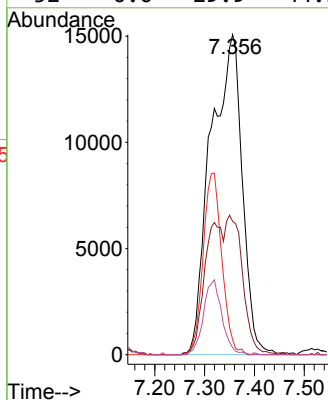
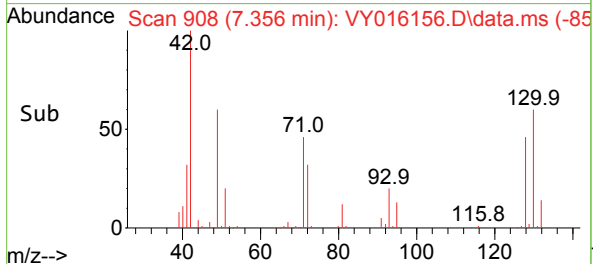


#41
Methacrylonitrile
Concen: 111.745 ug/l
RT: 7.356 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Instrument :
MSVOA_Y
ClientSampleId :

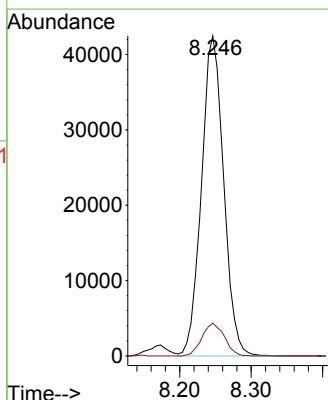
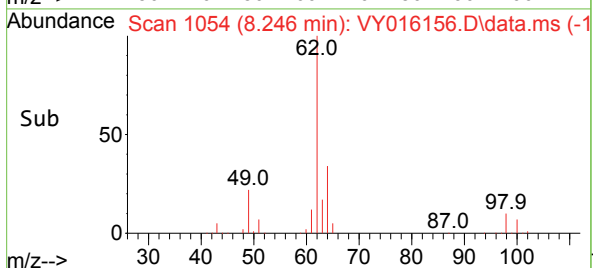
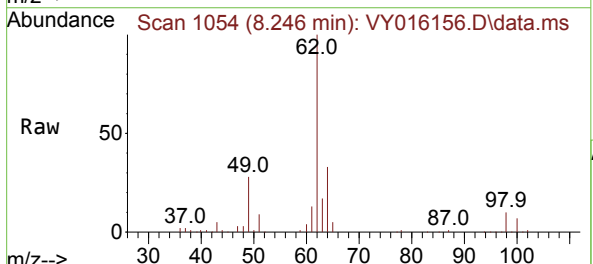


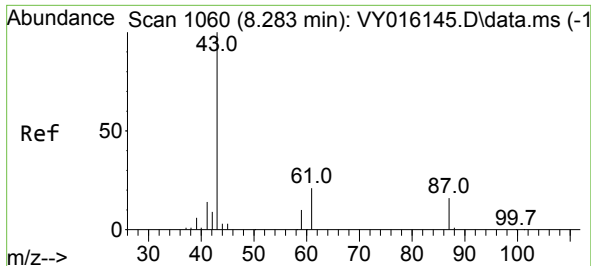
Tgt Ion: 41 Resp: 65950
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.038 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 62 Resp: 91516
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8

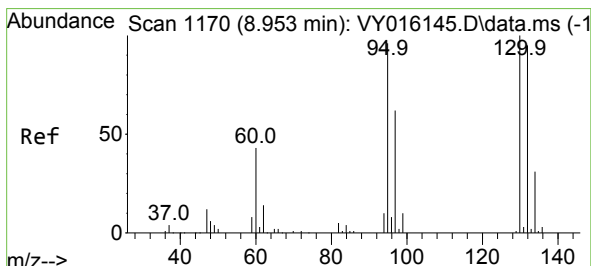
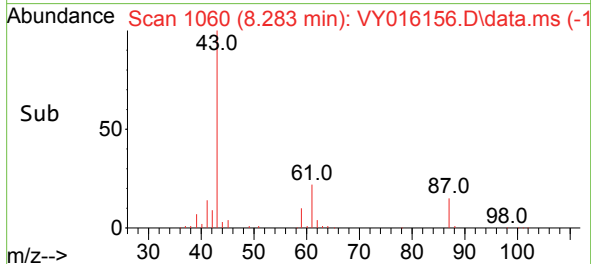
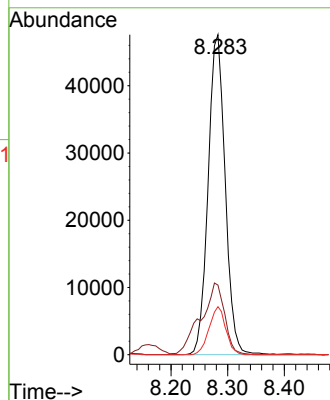
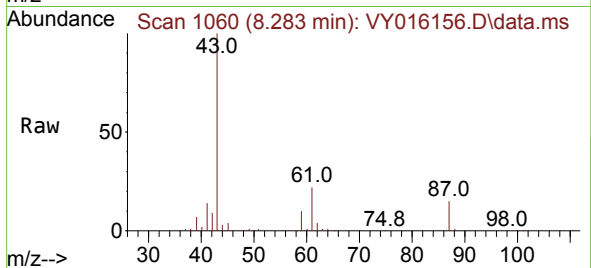




#43
Isopropyl Acetate
Concen: 49.490 ug/l
RT: 8.283 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

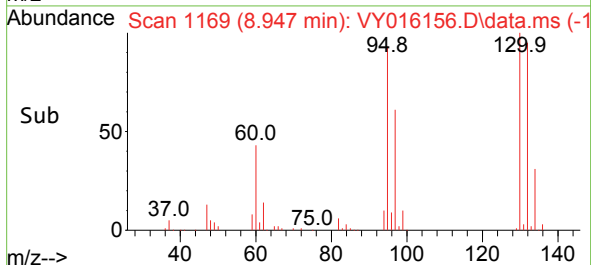
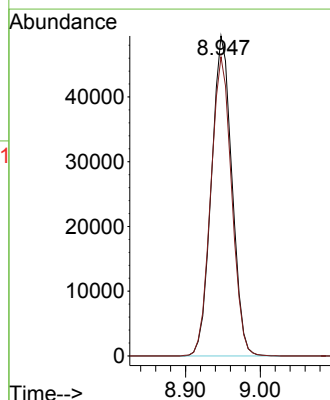
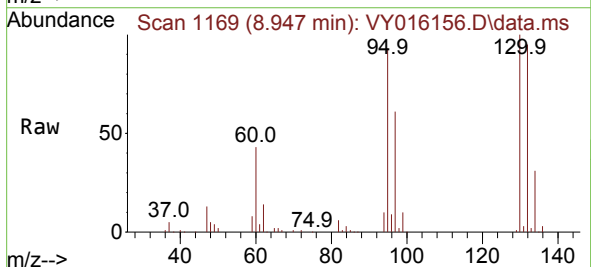
Instrument :
MSVOA_Y
ClientSampleId :

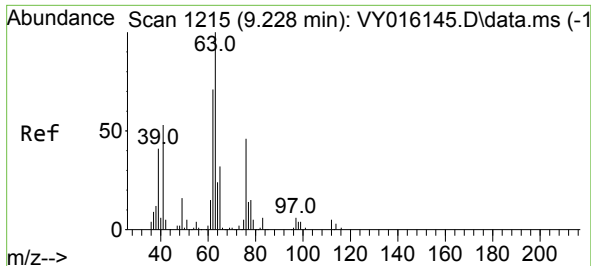
Tgt Ion: 43 Resp: 99534
Ion Ratio Lower Upper
43 100
61 31.2 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 49.139 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion:130 Resp: 94243
Ion Ratio Lower Upper
130 100
95 93.4 0.0 196.0

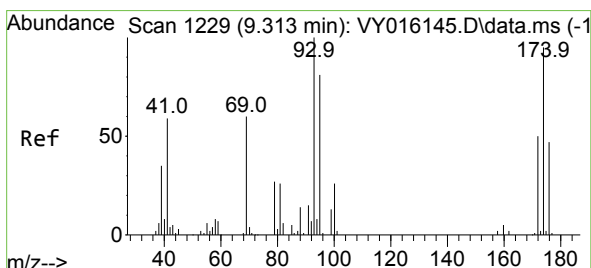
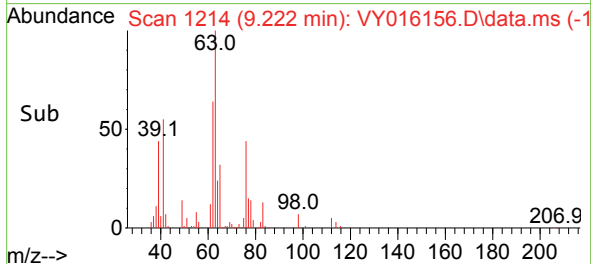
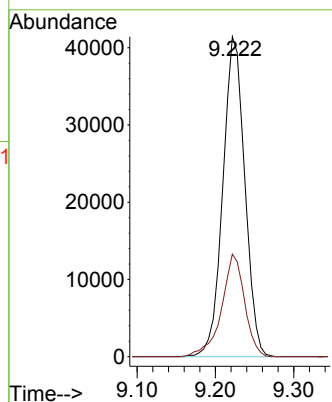
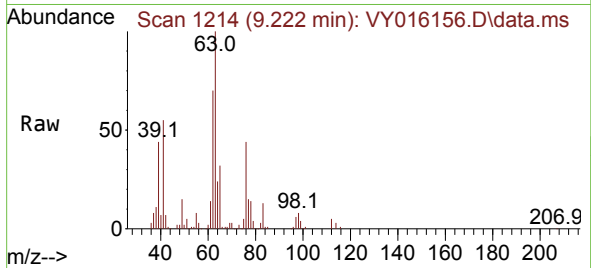




#45
1,2-Dichloropropane
Concen: 51.170 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

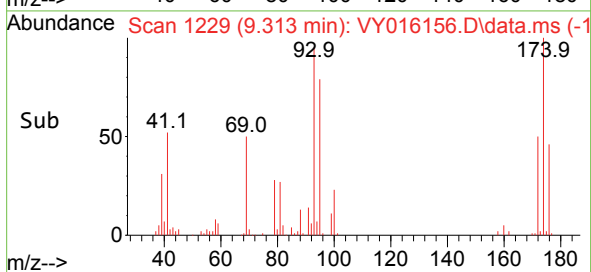
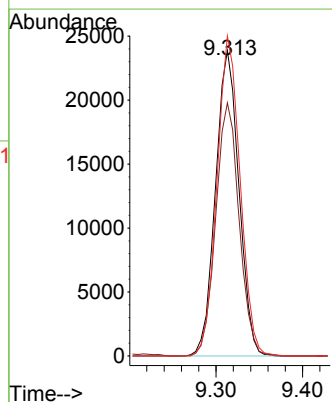
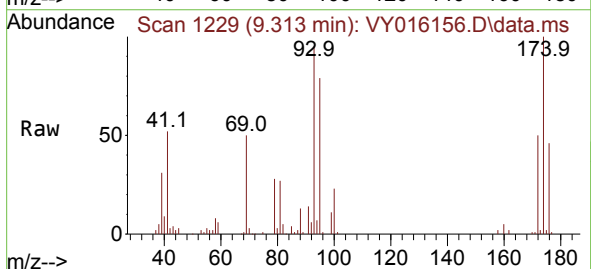
Instrument :
MSVOA_Y
ClientSampleId :

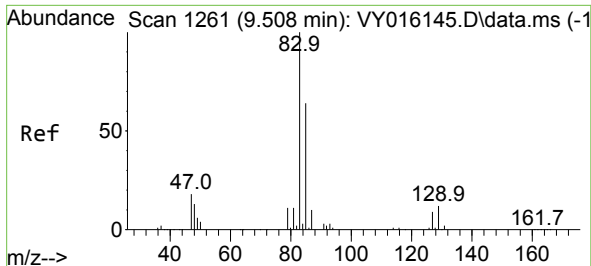
Tgt Ion: 63 Resp: 80674
Ion Ratio Lower Upper
63 100
65 32.1 23.8 35.6



#46
Dibromomethane
Concen: 50.050 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 93 Resp: 44762
Ion Ratio Lower Upper
93 100
95 82.8 66.6 100.0
174 103.6 84.8 127.2

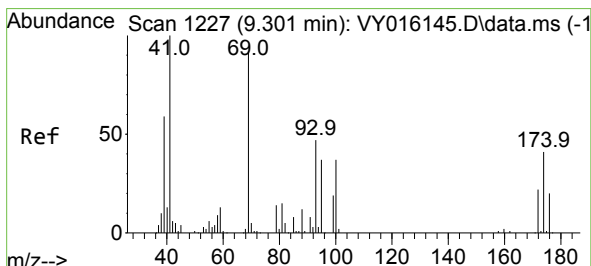
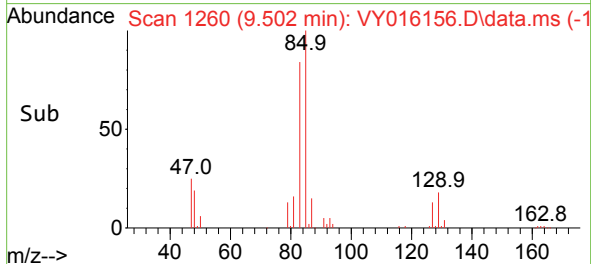
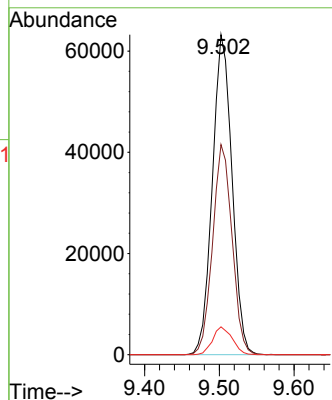
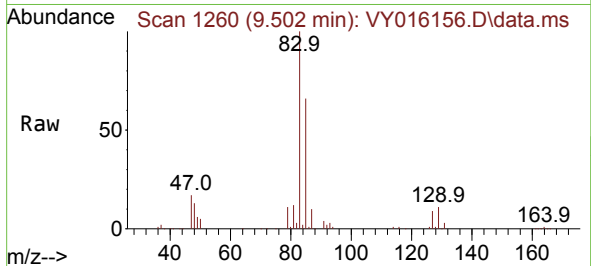




#47
Bromodichloromethane
Concen: 50.871 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

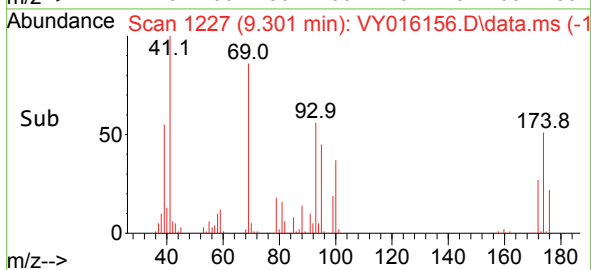
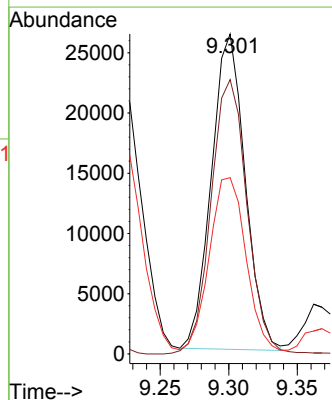
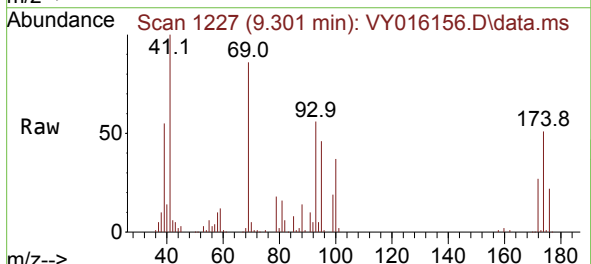
Instrument :
MSVOA_Y
ClientSampleId :

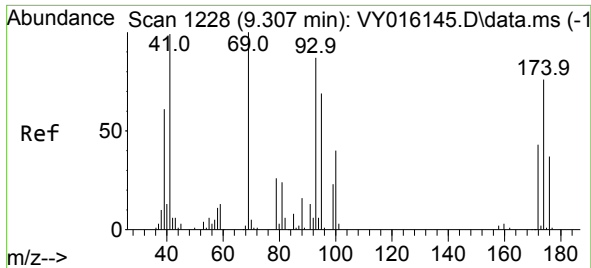
Tgt Ion: 83 Resp: 115596
Ion Ratio Lower Upper
83 100
85 65.7 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 49.026 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 41 Resp: 44837
Ion Ratio Lower Upper
41 100
69 92.8 64.5 96.7
39 61.4 50.8 76.2

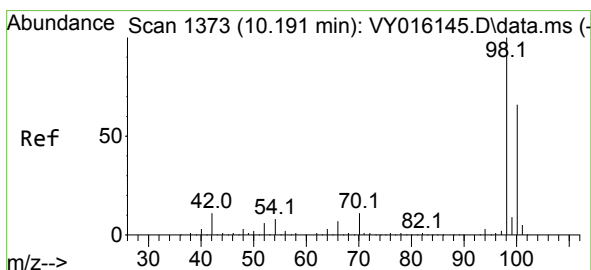
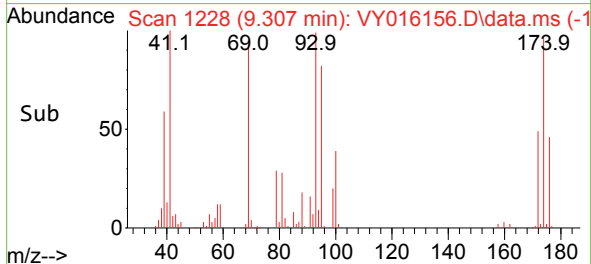
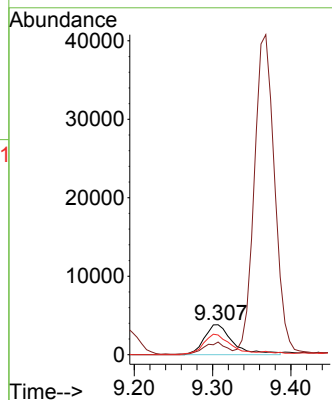
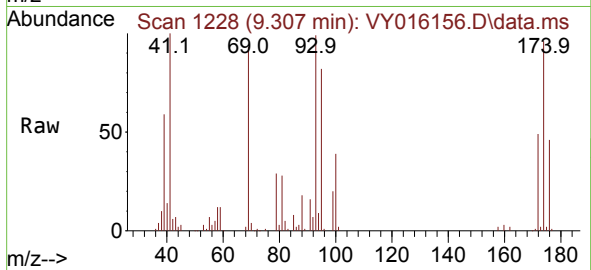




#49
1,4-Dioxane
Concen: 897.528 ug/l
RT: 9.307 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

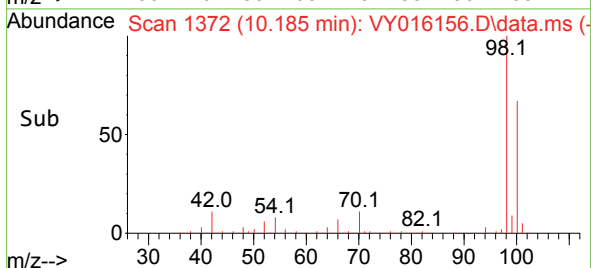
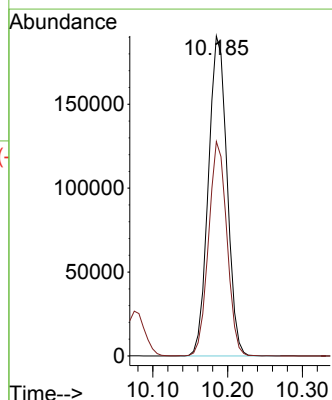
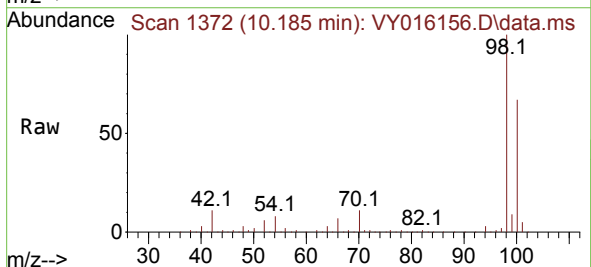
Instrument :
MSVOA_Y
ClientSampleId :

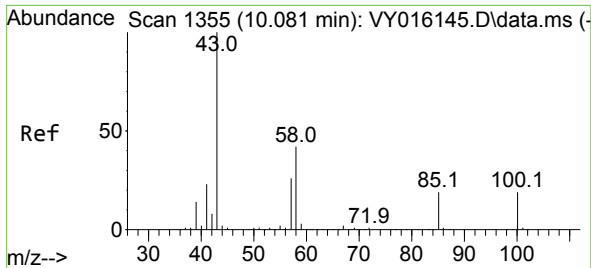
Tgt Ion: 88 Resp: 9676
Ion Ratio Lower Upper
88 100
43 30.5 0.0 0.0#
58 65.1 30.9 46.3#



#50
Toluene-d8
Concen: 52.764 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 98 Resp: 330727
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 252.197 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

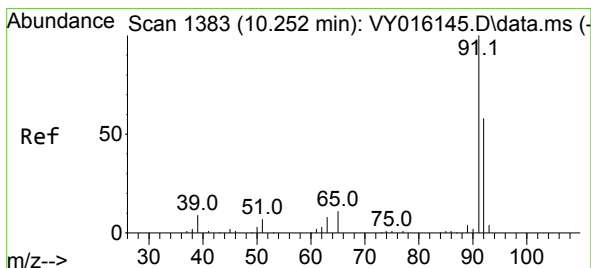
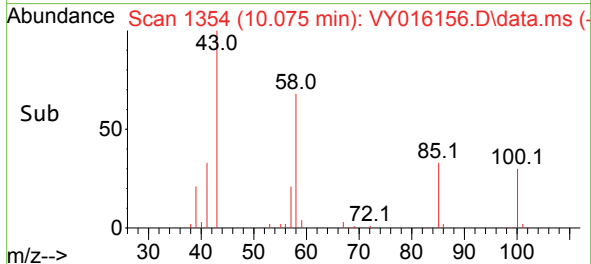
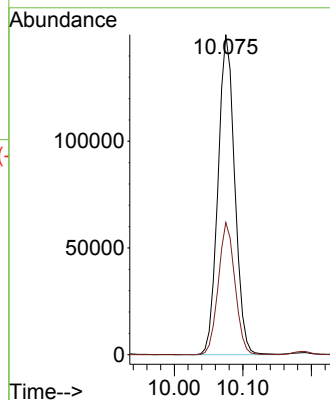
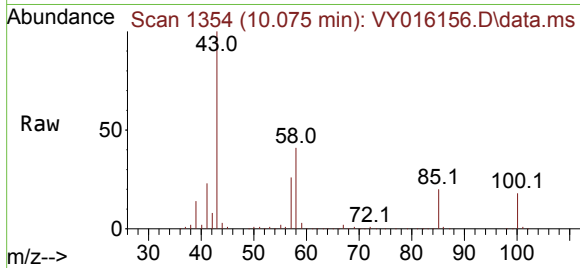
ClientSampleId :

Tgt Ion: 43 Resp: 253087

Ion Ratio Lower Upper

43 100

58 41.1 29.0 43.6



#52

Toluene

Concen: 49.688 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY016156.D

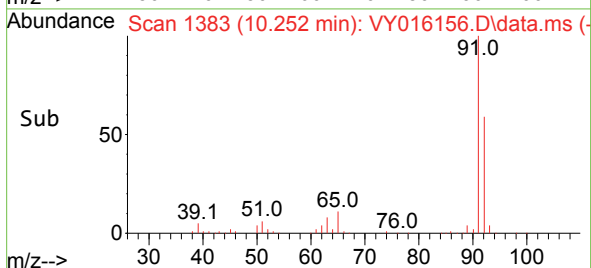
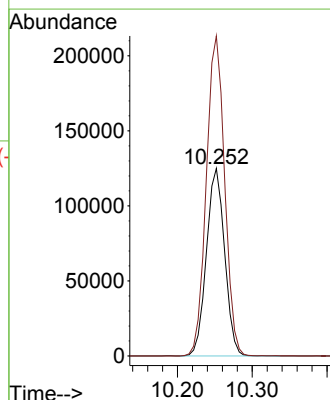
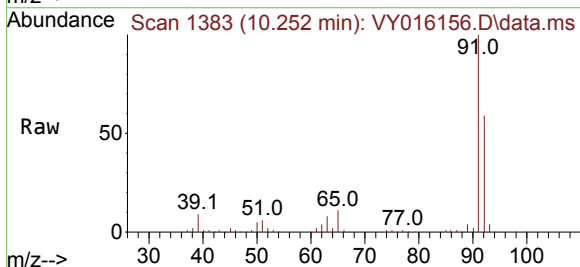
Acq: 31 Oct 2023 19:32

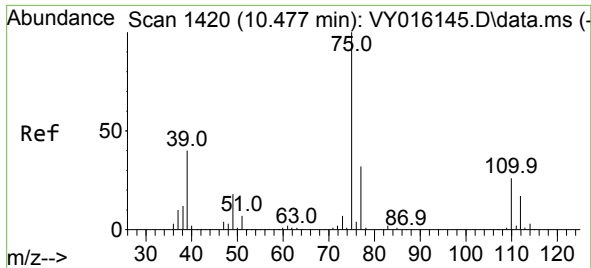
Tgt Ion: 92 Resp: 211014

Ion Ratio Lower Upper

92 100

91 171.9 143.8 215.6

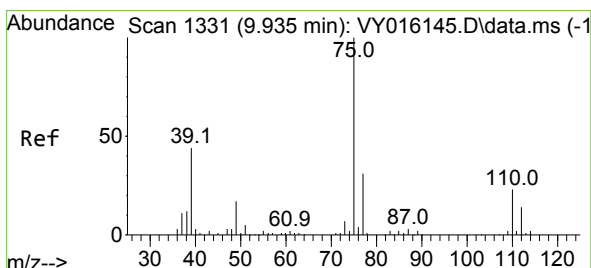
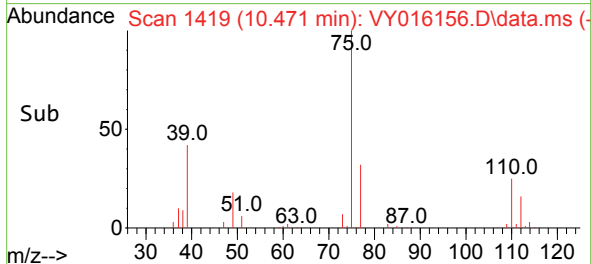
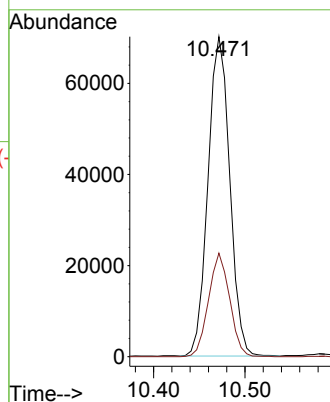
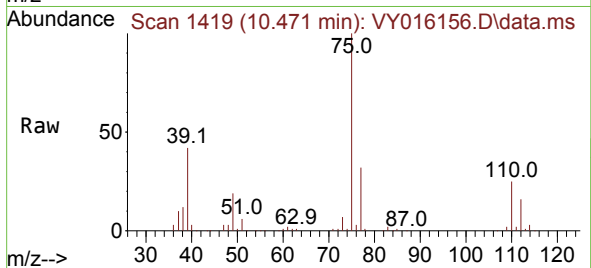




#53
 t-1,3-Dichloropropene
 Concen: 51.160 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY016156.D
 Acq: 31 Oct 2023 19:32

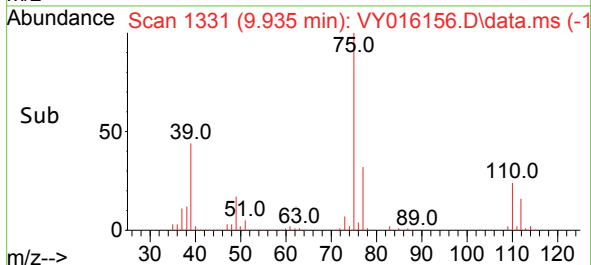
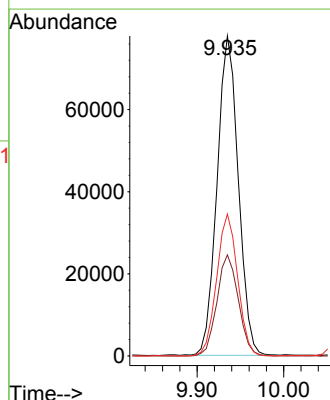
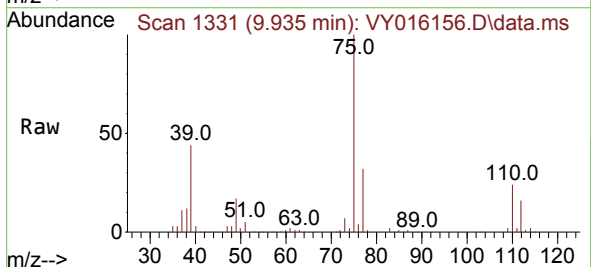
Instrument :
 MSVOA_Y
 ClientSampleId :

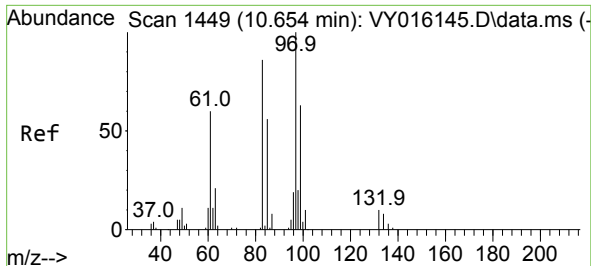
Tgt Ion: 75 Resp: 116052
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.787 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY016156.D
 Acq: 31 Oct 2023 19:32

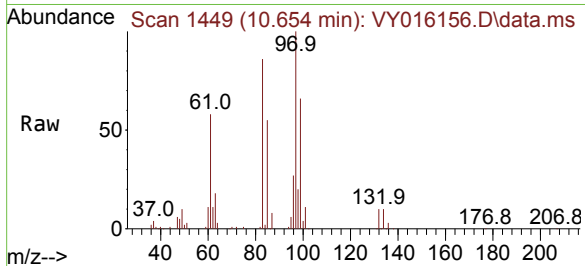
Tgt Ion: 75 Resp: 132521
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 44.5 42.2 63.4



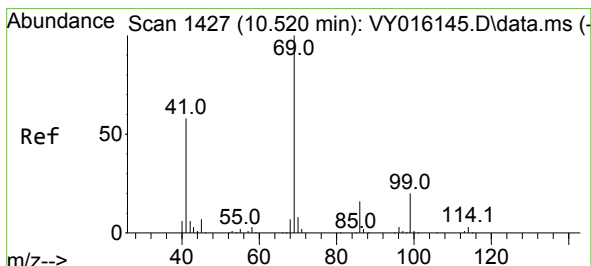
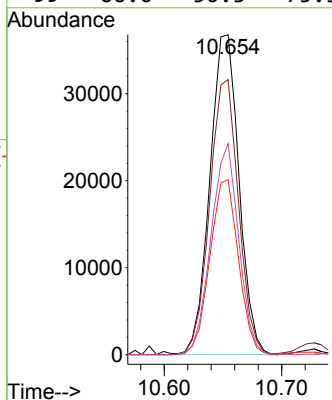
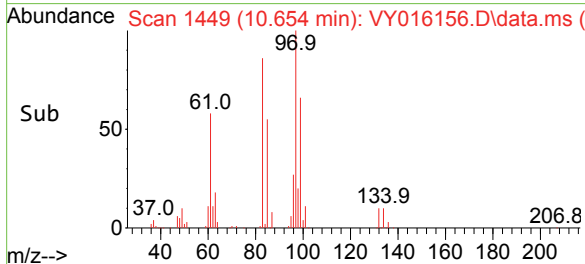


#55
1,1,2-Trichloroethane
Concen: 50.355 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

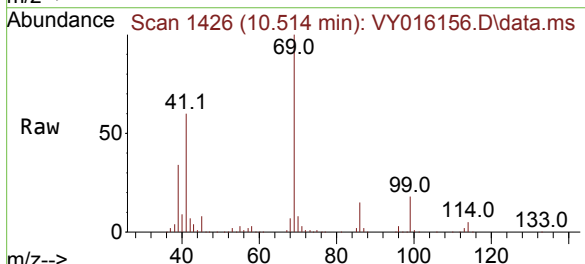
Instrument :
MSVOA_Y
ClientSampleId :



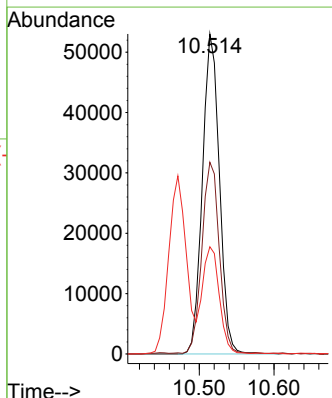
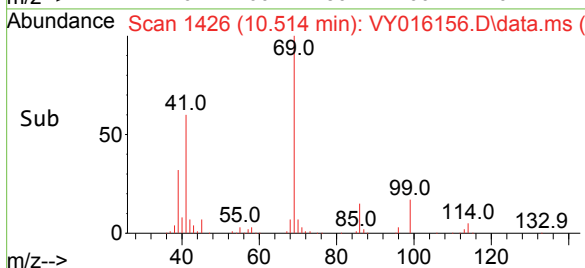
Tgt Ion:	97	Resp:	63349
Ion	Ratio	Lower	Upper
97	100		
83	85.8	72.0	108.0
85	54.7	45.4	68.0
99	66.0	50.3	75.5

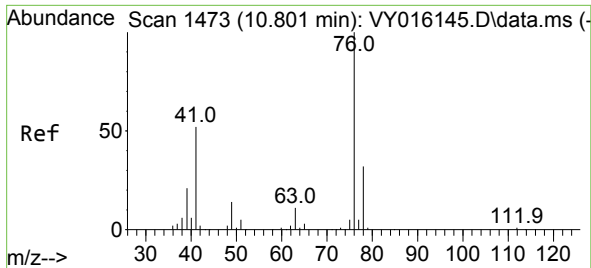


#56
Ethyl methacrylate
Concen: 51.299 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32



Tgt Ion:	69	Resp:	83812
Ion	Ratio	Lower	Upper
69	100		
41	61.0	57.6	86.4
39	32.8	34.1	51.1#

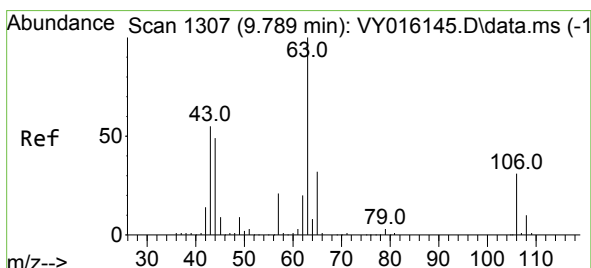
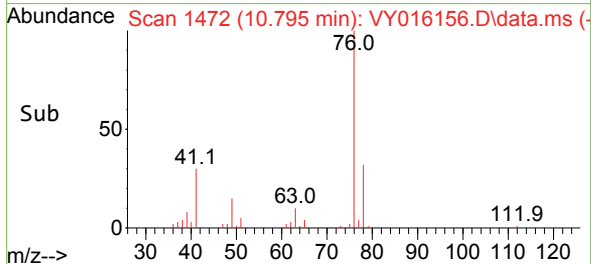
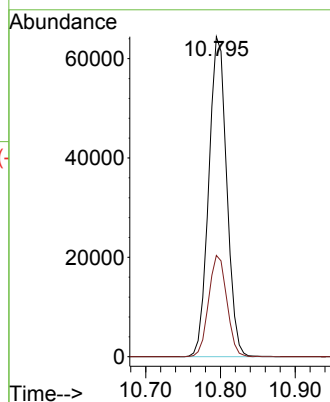
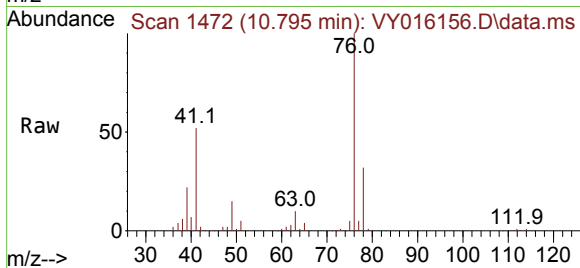




#57
1,3-Dichloropropane
Concen: 50.203 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

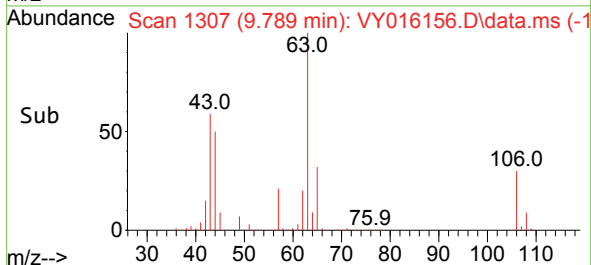
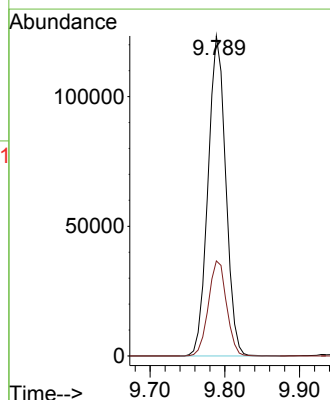
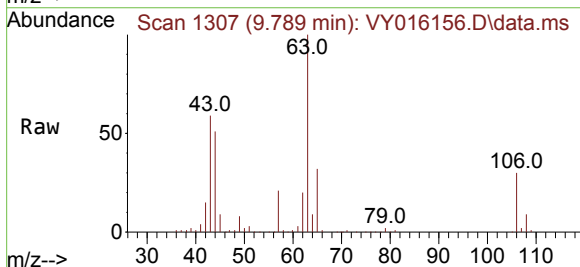
Instrument :
MSVOA_Y
ClientSampleId :

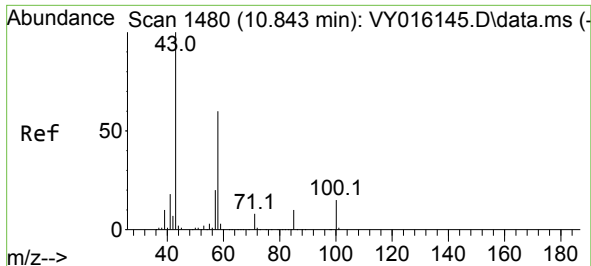
Tgt Ion: 76 Resp: 107518
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 256.313 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

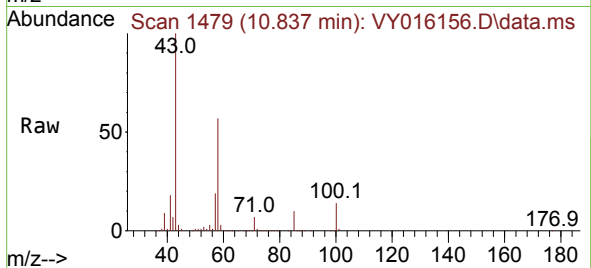
Tgt Ion: 63 Resp: 203062
Ion Ratio Lower Upper
63 100
106 30.3 21.2 31.8



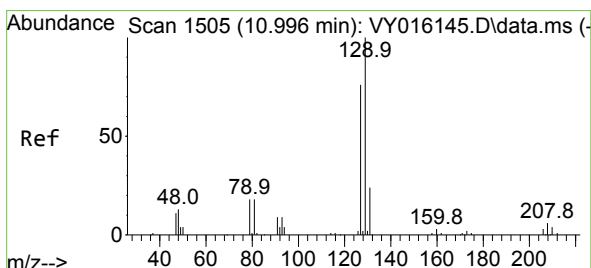
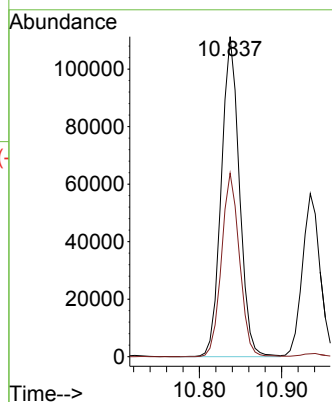
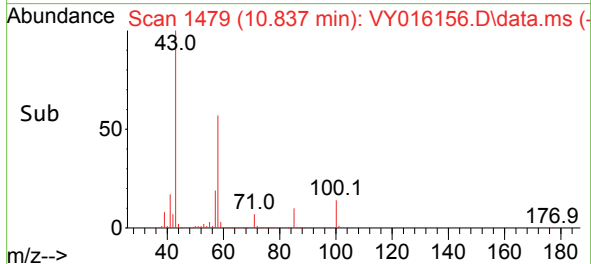


#59
2-Hexanone
Concen: 247.799 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Instrument :
MSVOA_Y
ClientSampleId :

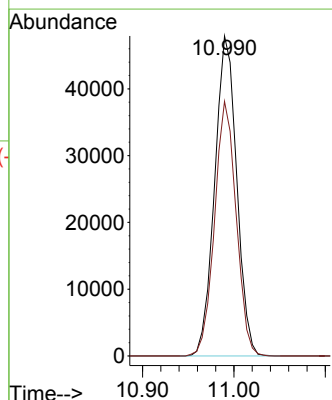
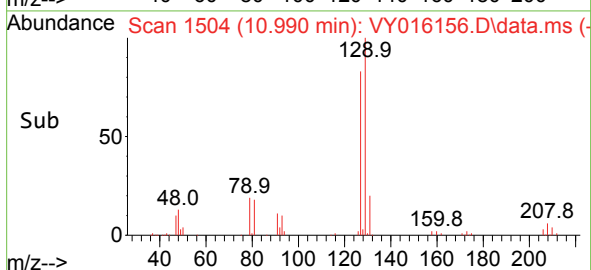
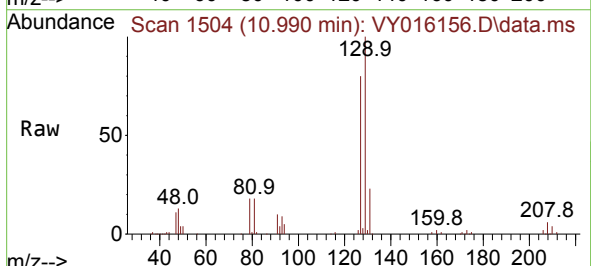


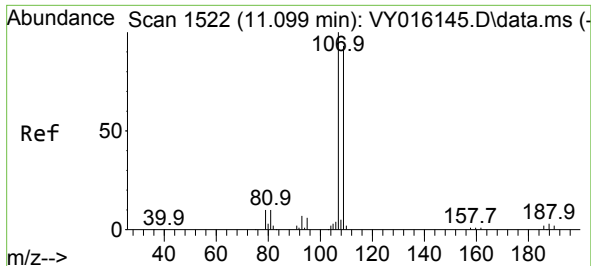
Tgt Ion: 43 Resp: 170406
Ion Ratio Lower Upper
43 100
58 56.9 25.1 75.3



#60
Dibromochloromethane
Concen: 50.812 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 129 Resp: 80196
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

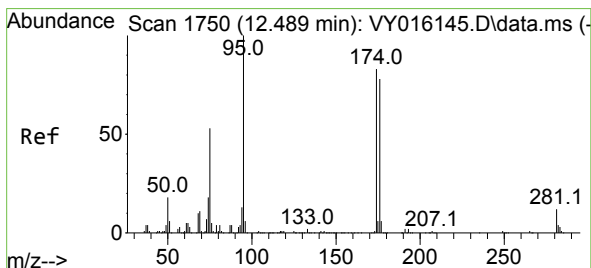
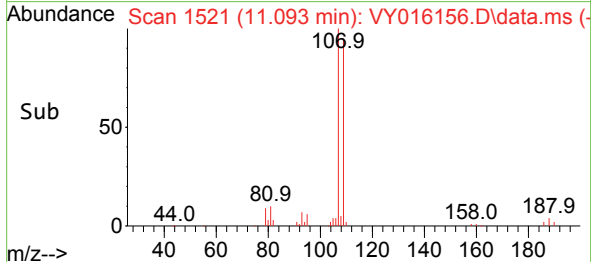
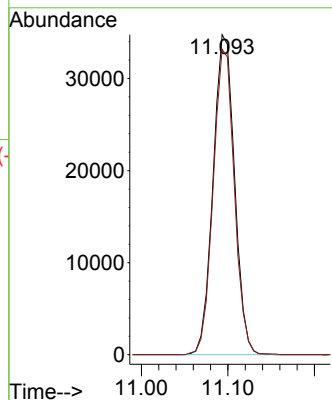
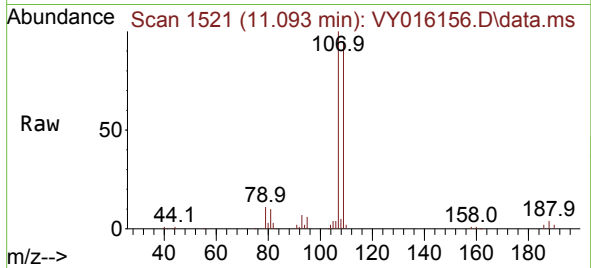




#61
1,2-Dibromoethane
Concen: 49.944 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

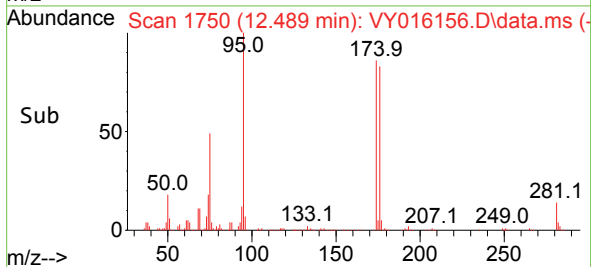
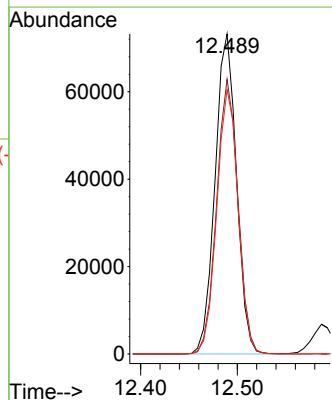
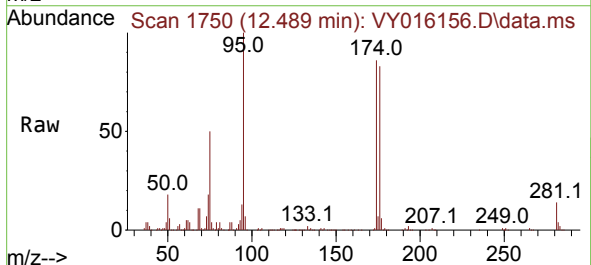
Instrument :
MSVOA_Y
ClientSampleId :

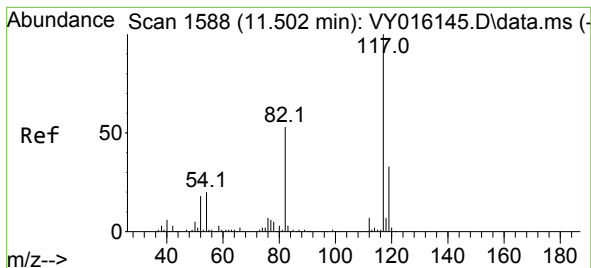
Tgt Ion:107 Resp: 59764
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.433 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 95 Resp: 112380
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :

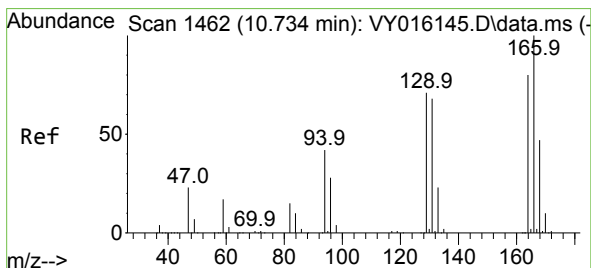
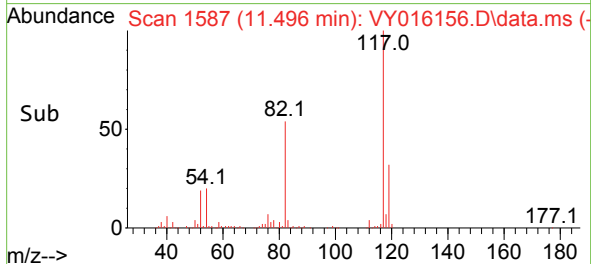
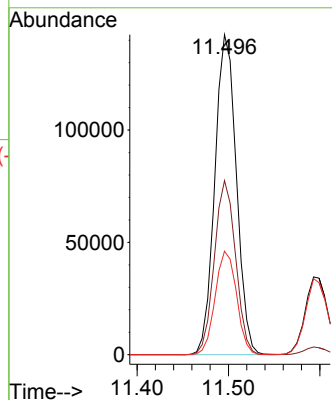
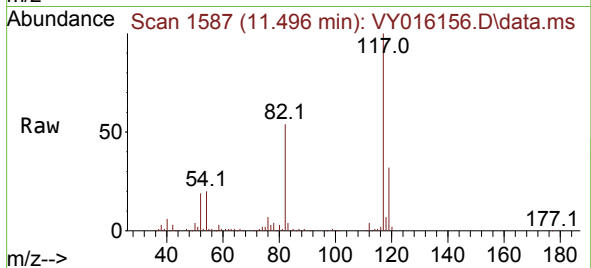
Tgt Ion:117 Resp: 233672

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 47.024 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Tgt Ion:164 Resp: 97739

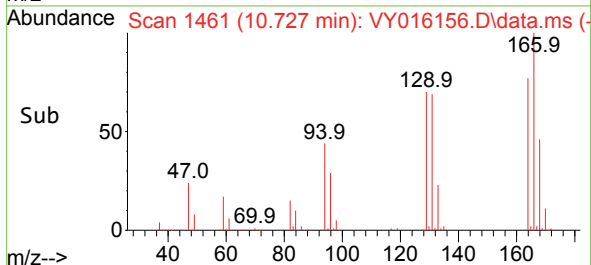
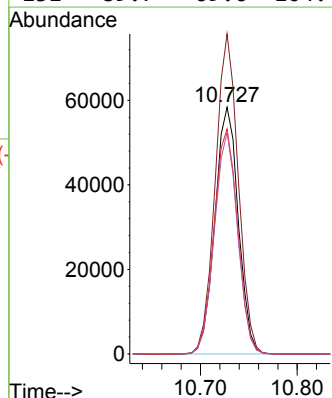
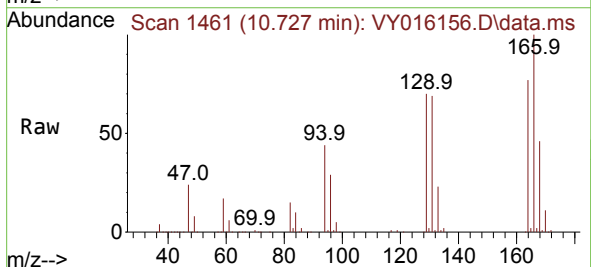
Ion Ratio Lower Upper

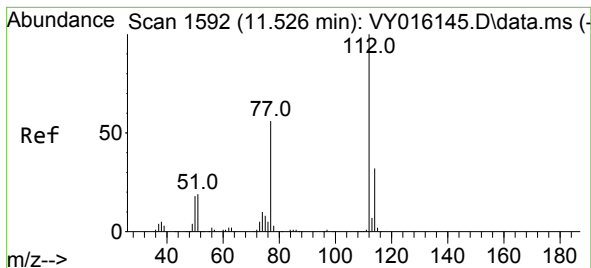
164 100

166 129.7 103.0 154.6

129 91.2 77.2 115.8

131 89.7 69.6 104.4





#65

Chlorobenzene

Concen: 49.603 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

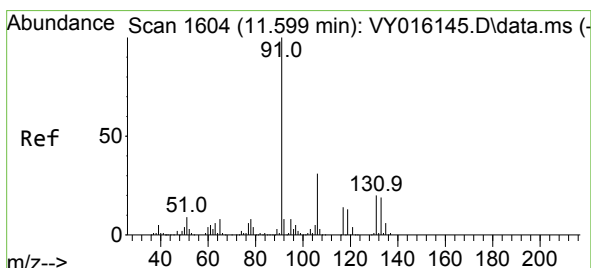
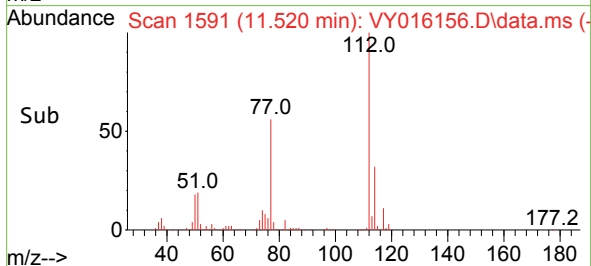
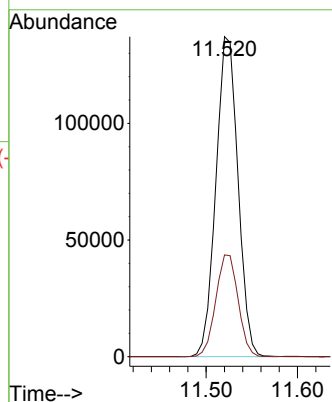
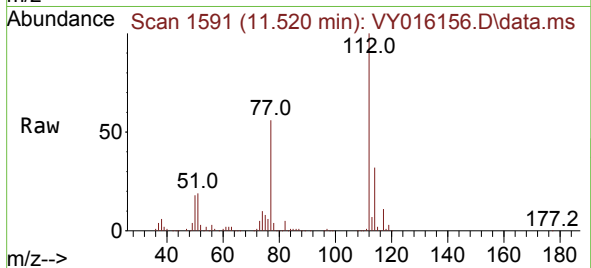
ClientSampleId :

Tgt Ion:112 Resp: 230281

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.398 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

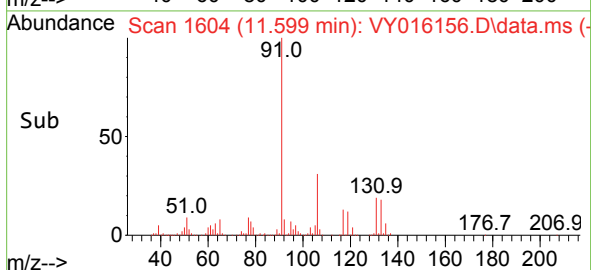
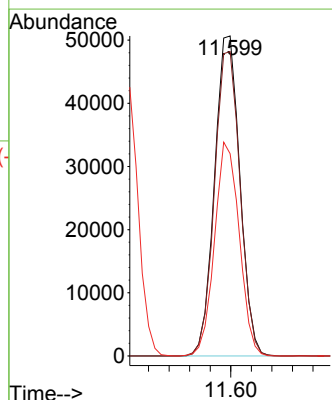
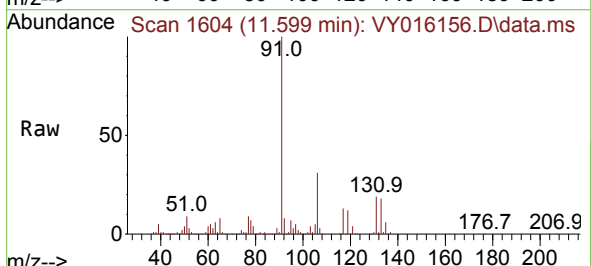
Tgt Ion:131 Resp: 86661

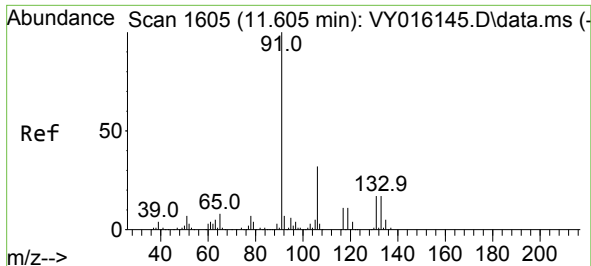
Ion Ratio Lower Upper

131 100

133 96.0 47.5 142.6

119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 49.275 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

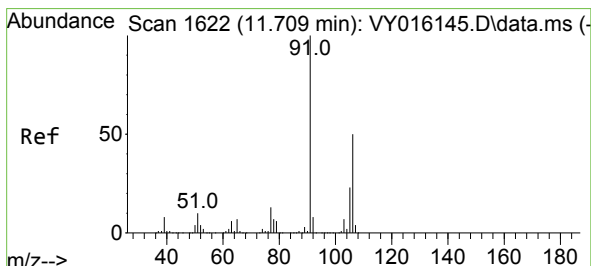
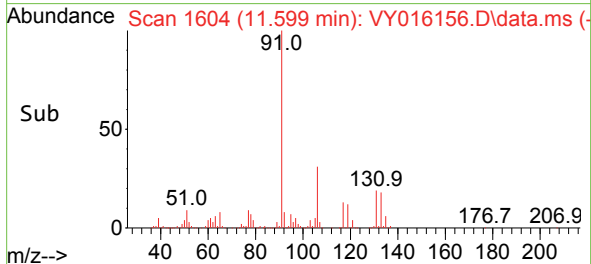
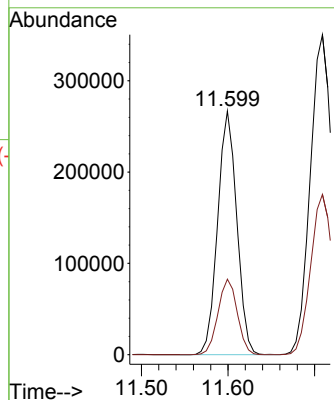
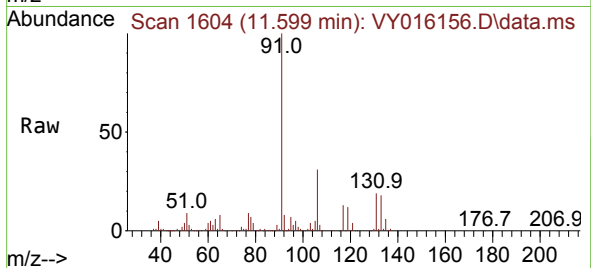
ClientSampleId :

Tgt Ion: 91 Resp: 409167

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 98.767 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016156.D

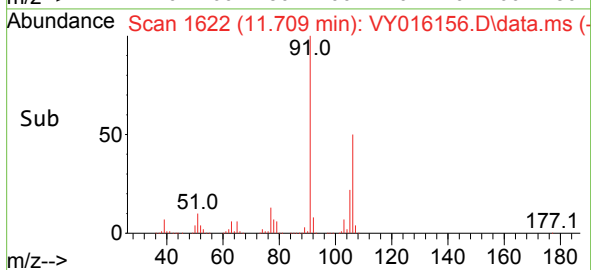
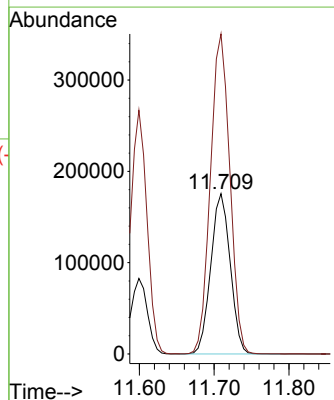
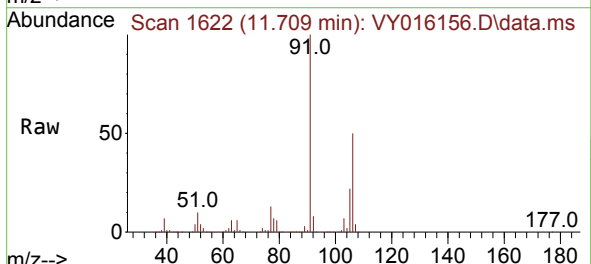
Acq: 31 Oct 2023 19:32

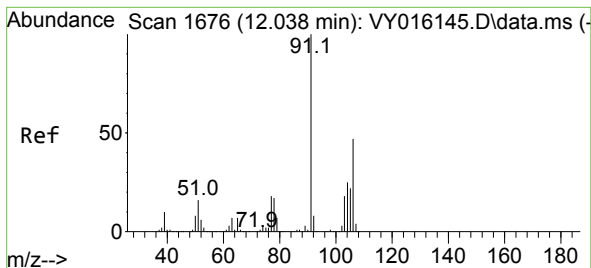
Tgt Ion:106 Resp: 316910

Ion Ratio Lower Upper

106 100

91 199.9 166.1 249.1





#69

o-Xylene

Concen: 49.600 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

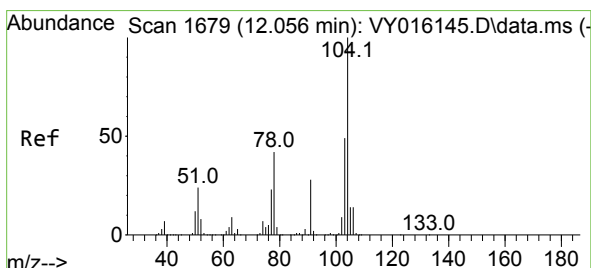
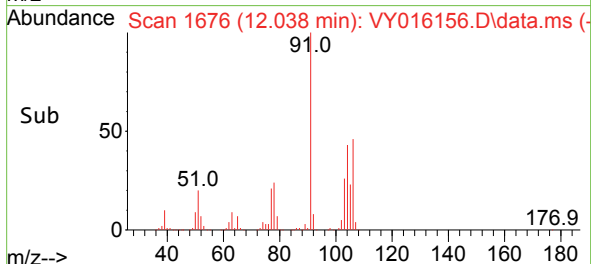
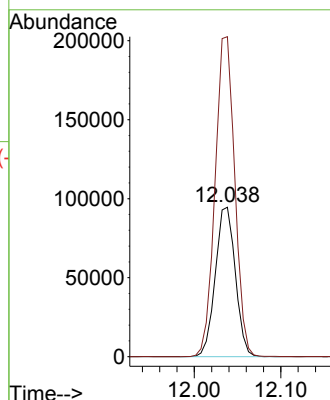
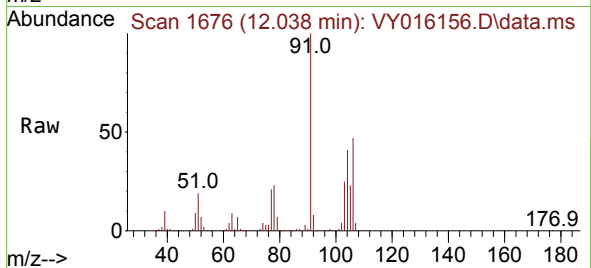
ClientSampleId :

Tgt Ion:106 Resp: 151953

Ion Ratio Lower Upper

106 100

91 210.8 108.1 324.3



#70

Styrene

Concen: 50.578 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

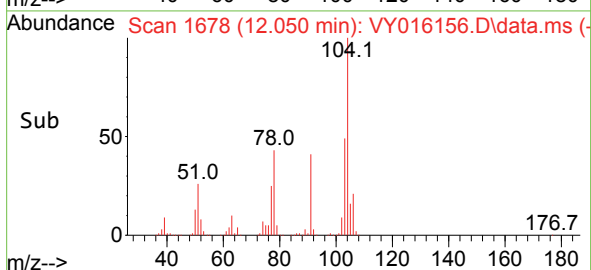
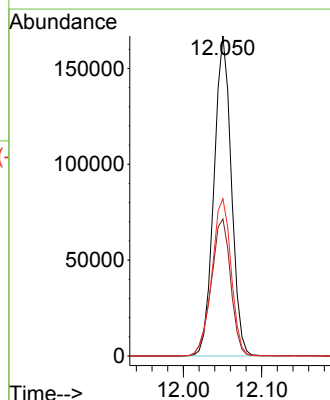
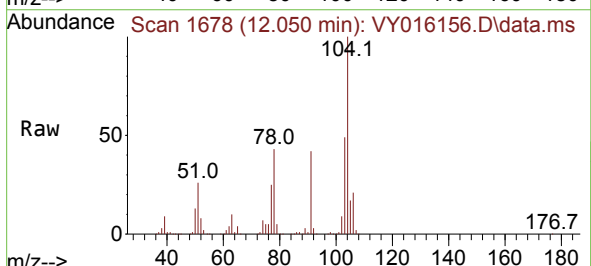
Tgt Ion:104 Resp: 257593

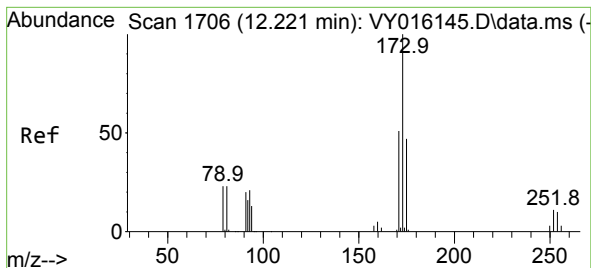
Ion Ratio Lower Upper

104 100

78 47.9 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 49.831 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :

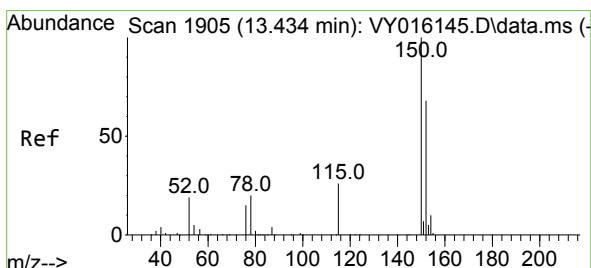
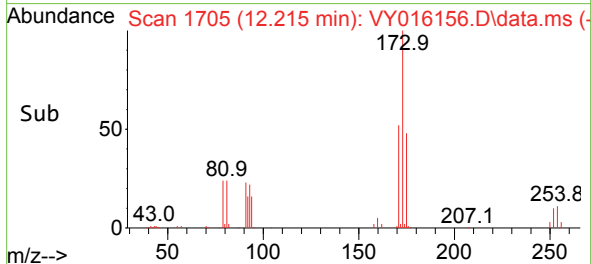
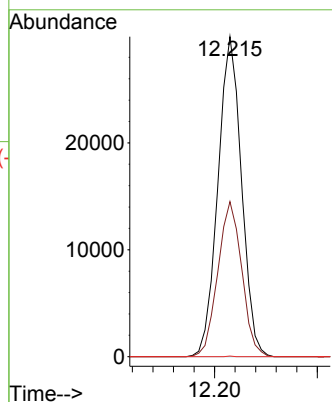
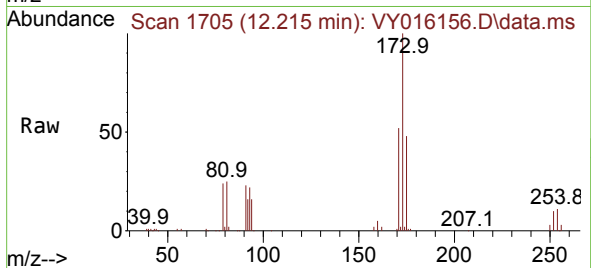
Tgt Ion:173 Resp: 47535

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

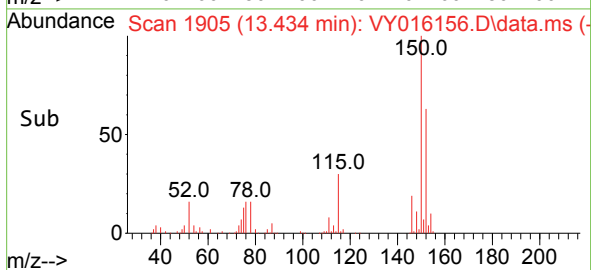
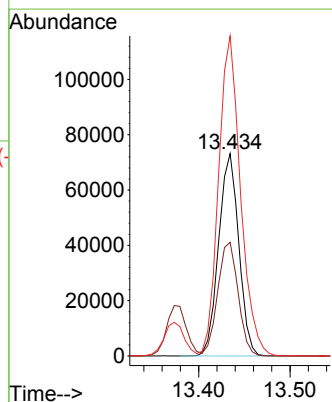
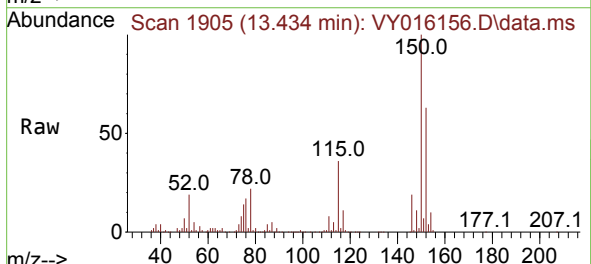
Tgt Ion:152 Resp: 112299

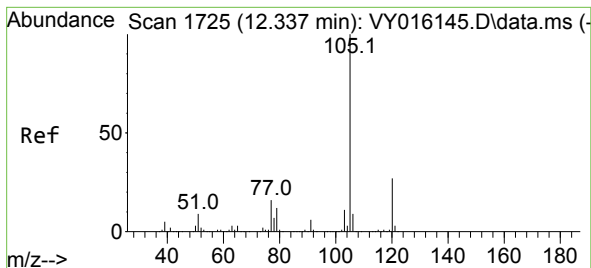
Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 172.2 0.0 348.8





#73

Isopropylbenzene

Concen: 47.991 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

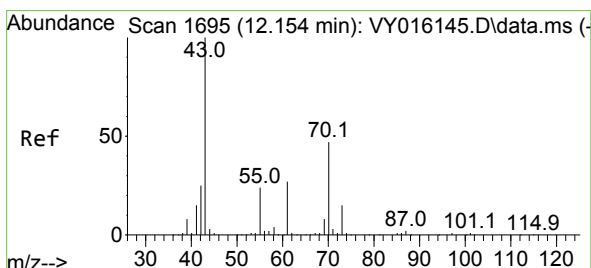
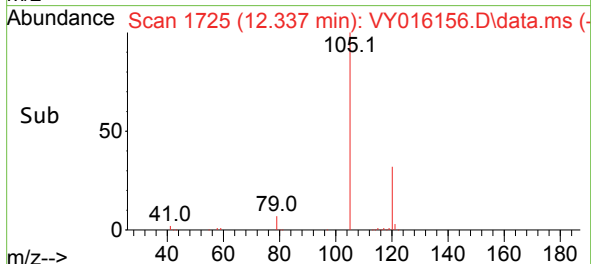
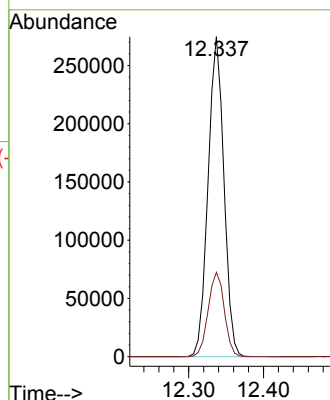
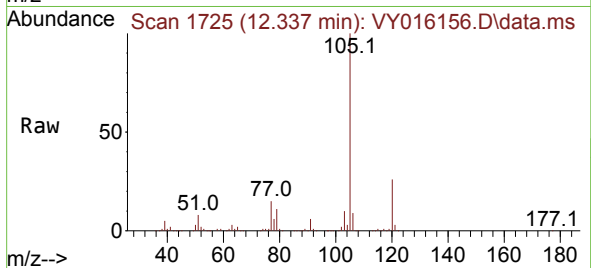
ClientSampleId :

Tgt Ion:105 Resp: 404265

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 48.921 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Tgt Ion: 43 Resp: 89552

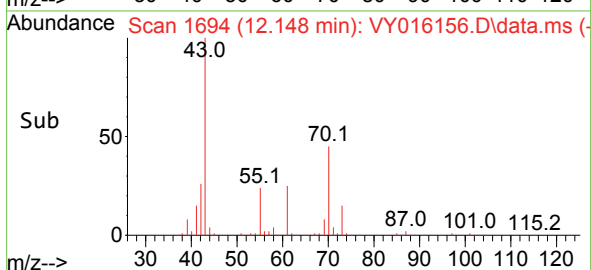
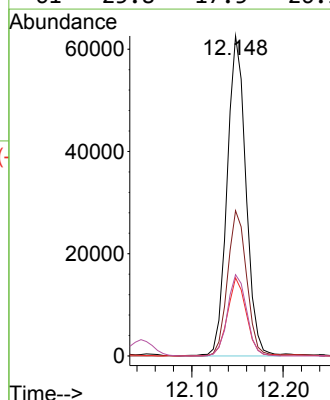
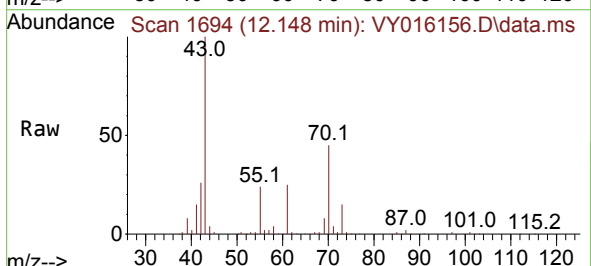
Ion Ratio Lower Upper

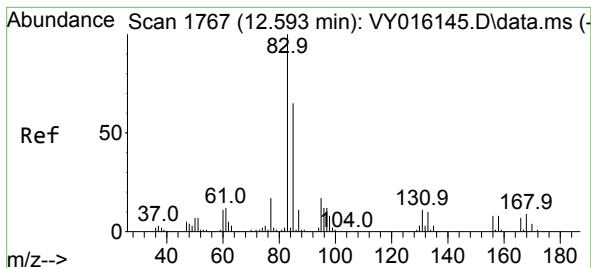
43 100

70 45.8 29.7 44.5

55 25.0 18.3 27.5

61 25.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.177 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :

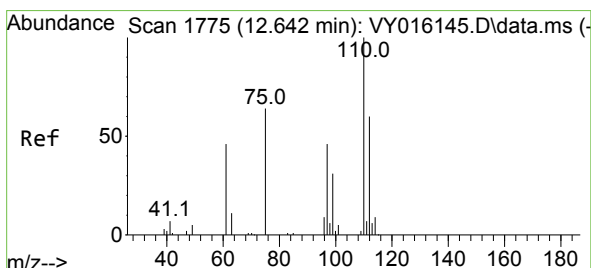
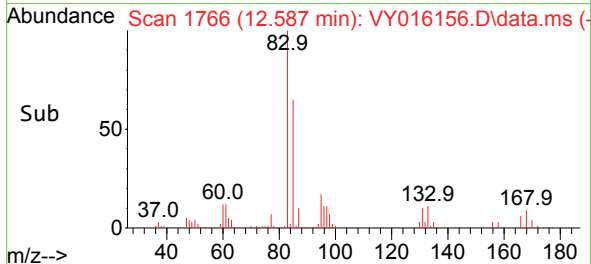
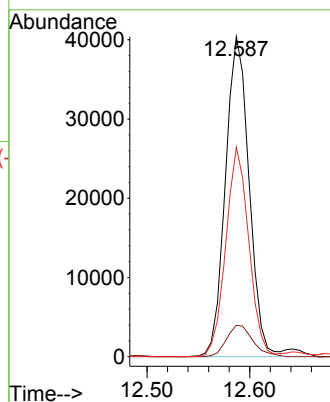
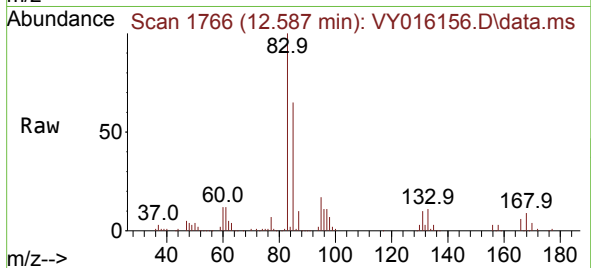
Tgt Ion: 83 Resp: 64578

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 85.057 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016156.D

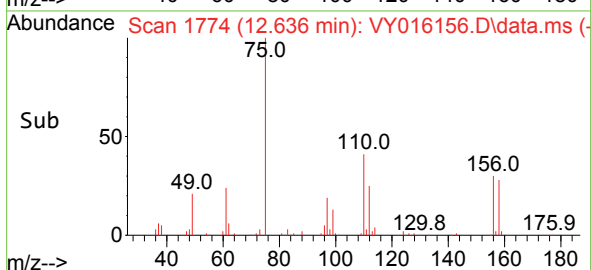
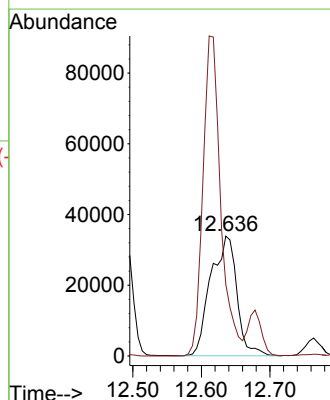
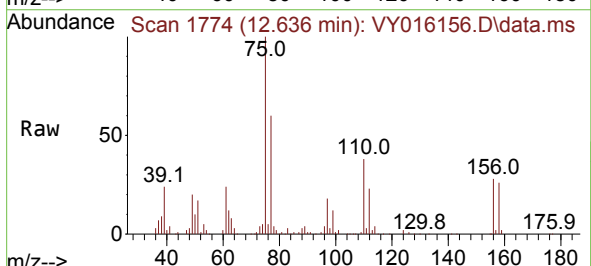
Acq: 31 Oct 2023 19:32

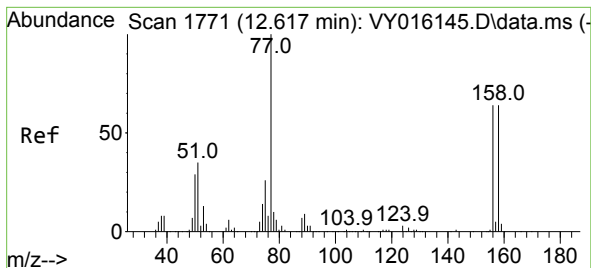
Tgt Ion: 75 Resp: 89951

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.962 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :

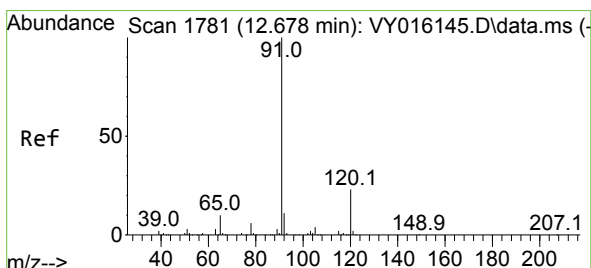
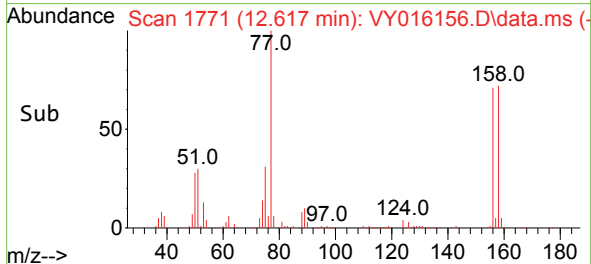
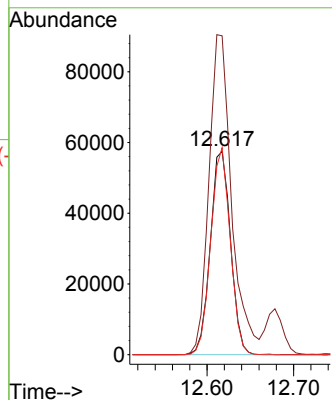
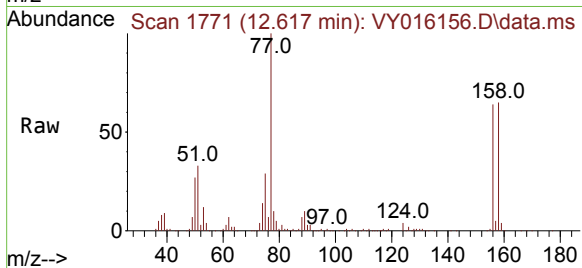
Tgt Ion:156 Resp: 93391

Ion Ratio Lower Upper

156 100

77 176.1 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 48.105 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016156.D

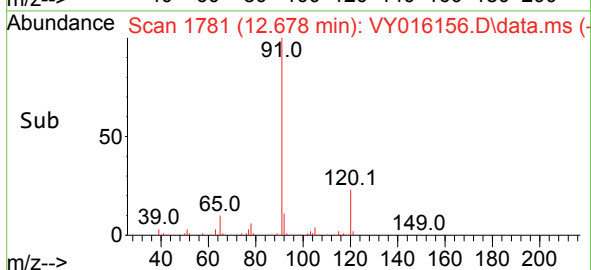
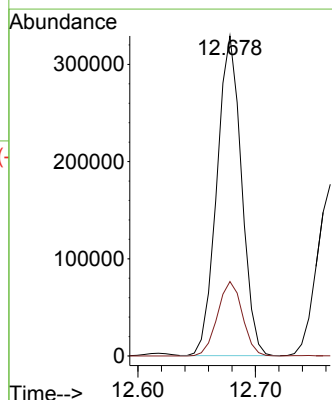
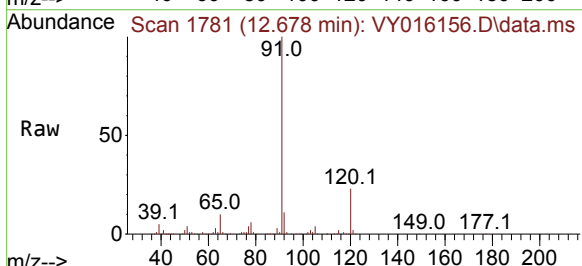
Acq: 31 Oct 2023 19:32

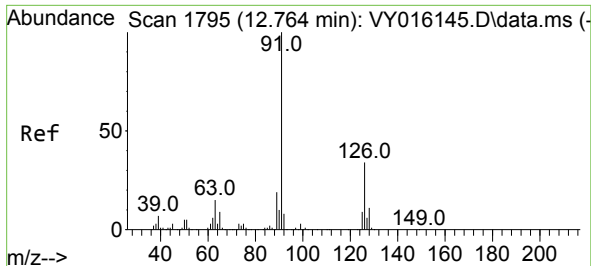
Tgt Ion: 91 Resp: 479086

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

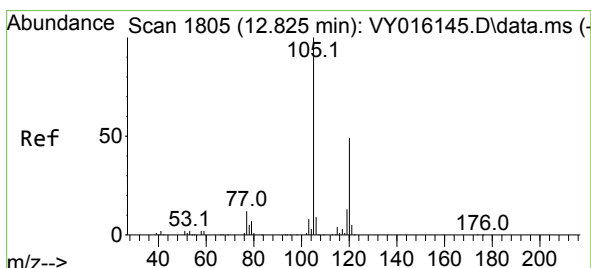
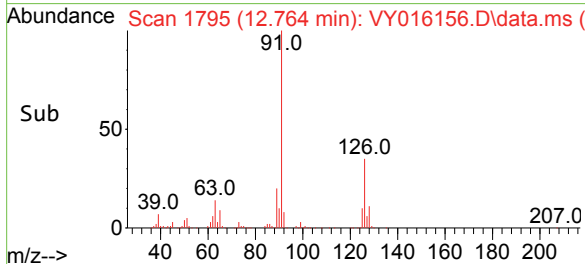
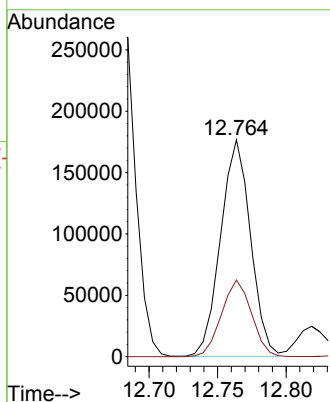
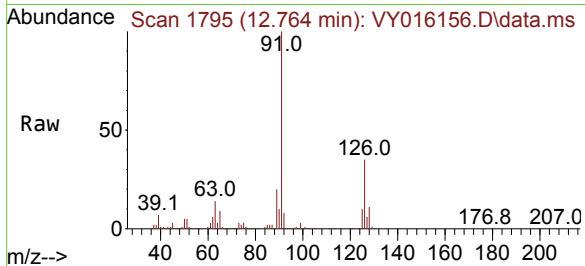




#79
2-Chlorotoluene
Concen: 48.240 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

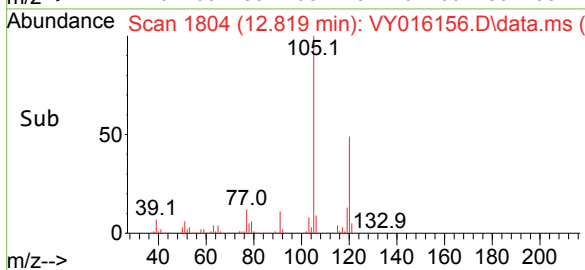
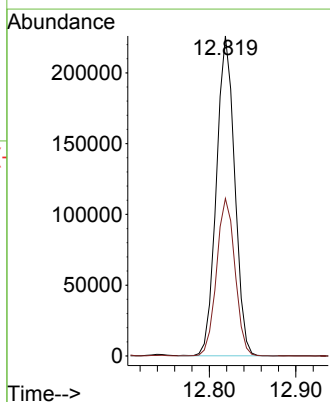
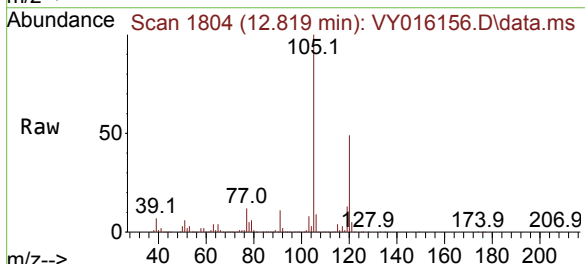
Instrument :
MSVOA_Y
ClientSampleId :

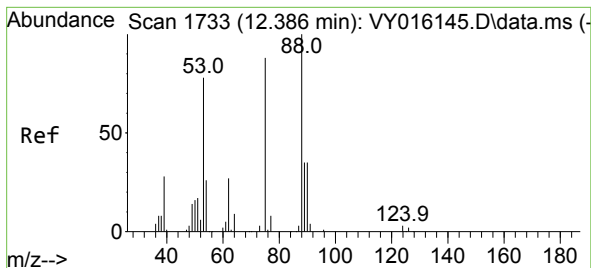
Tgt Ion: 91 Resp: 267961
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 48.489 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 105 Resp: 330924
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7

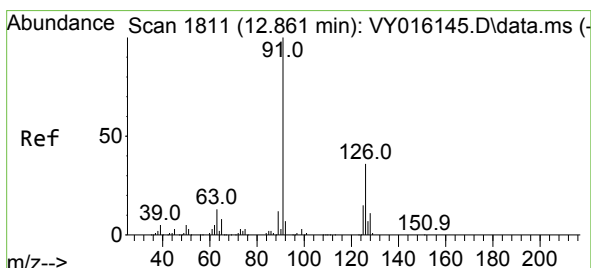
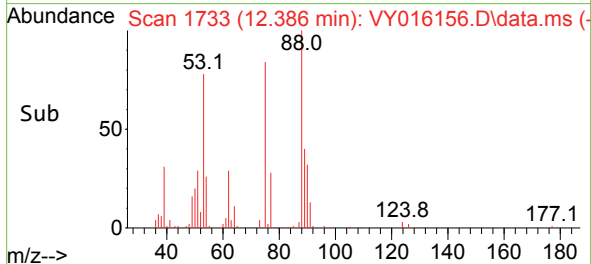
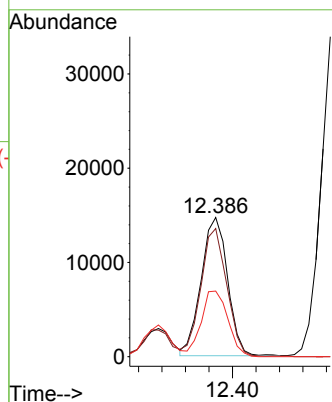
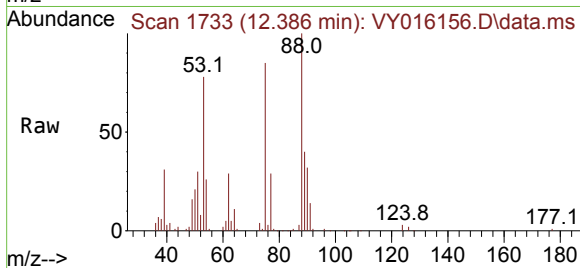




#81
trans-1,4-Dichloro-2-butene
Concen: 47.050 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

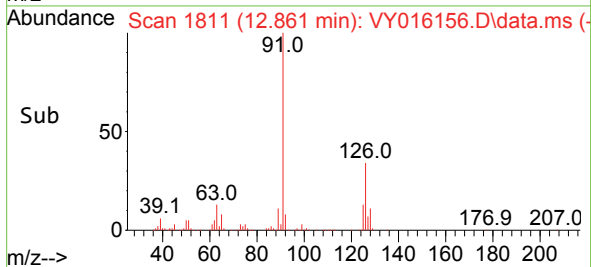
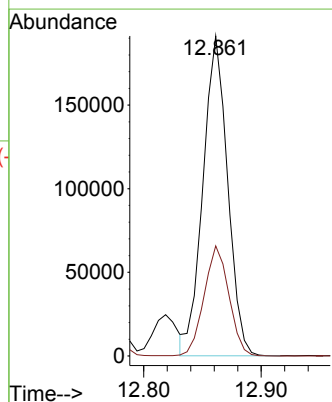
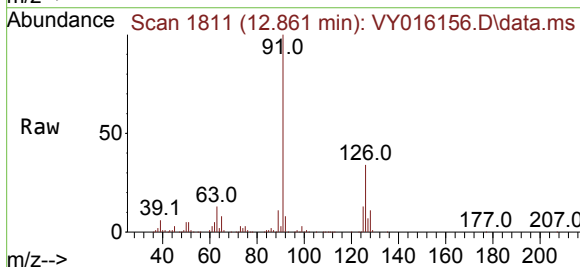
Instrument :
MSVOA_Y
ClientSampleId :

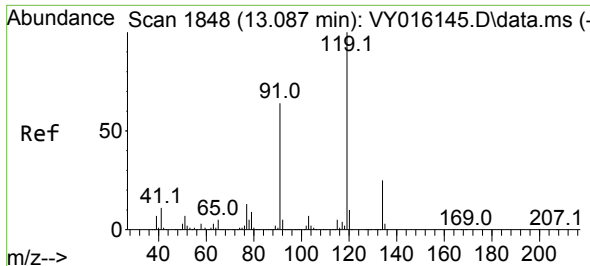
Tgt Ion: 75 Resp: 22948
Ion Ratio Lower Upper
75 100
53 90.6 77.8 116.8
89 47.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.784 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 91 Resp: 278261
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

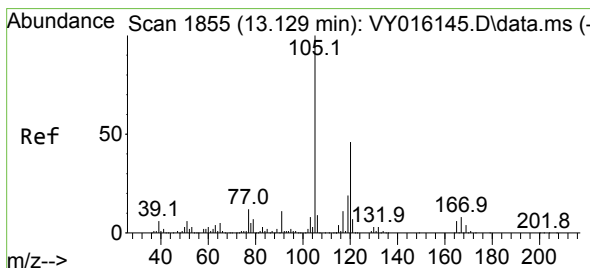
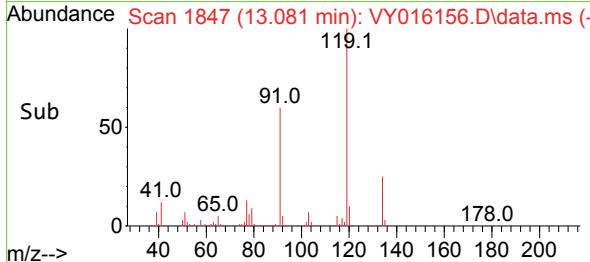
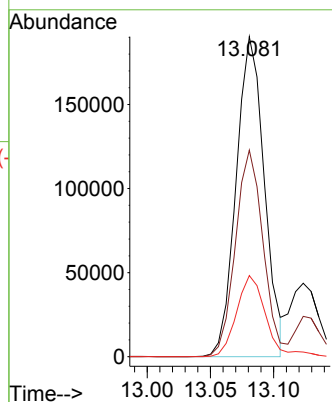
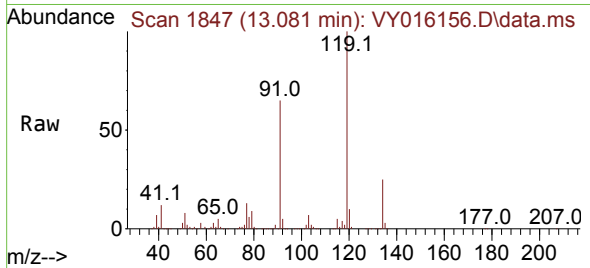




#83
tert-Butylbenzene
Concen: 48.303 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

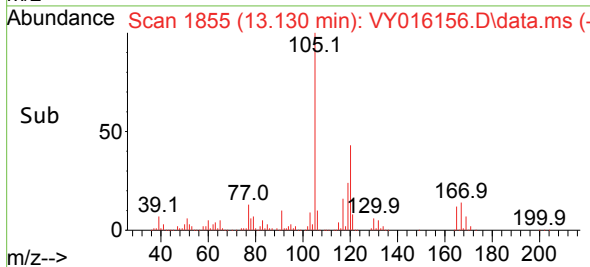
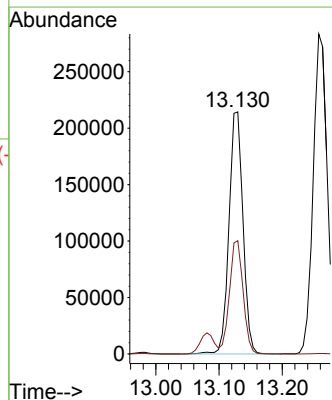
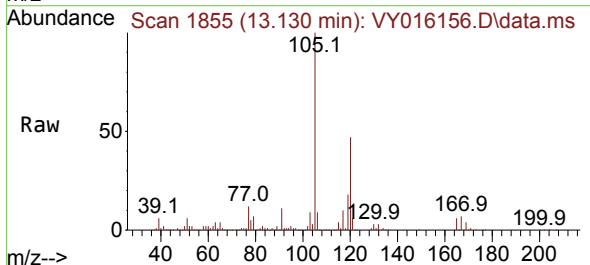
Instrument :
MSVOA_Y
ClientSampleId :

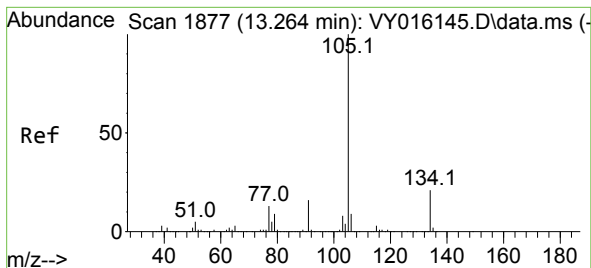
Tgt Ion:119 Resp: 294959
Ion Ratio Lower Upper
119 100
91 63.9 32.9 98.6
134 26.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 48.658 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion:105 Resp: 328594
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.428 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

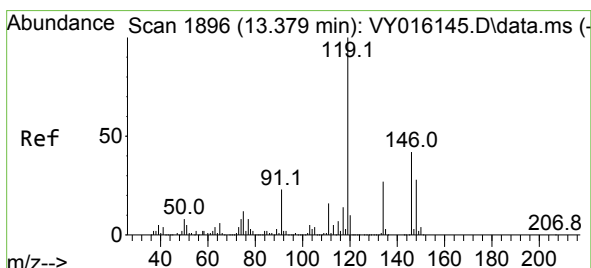
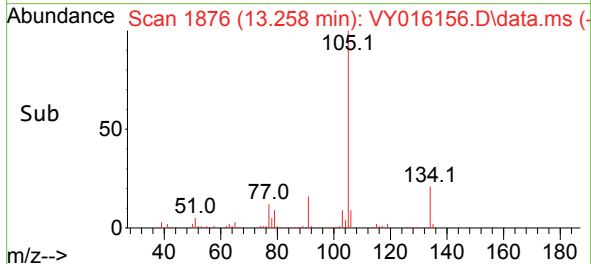
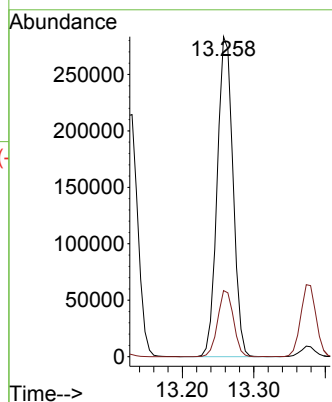
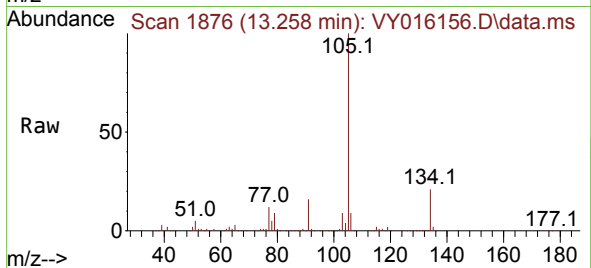
ClientSampleId :

Tgt Ion:105 Resp: 434043

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.246 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

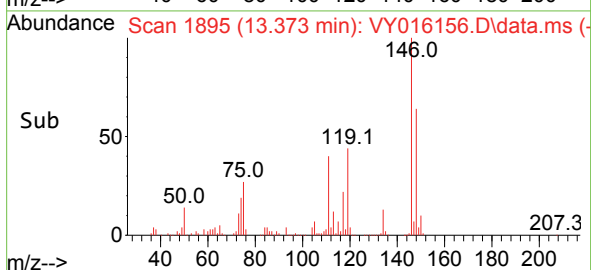
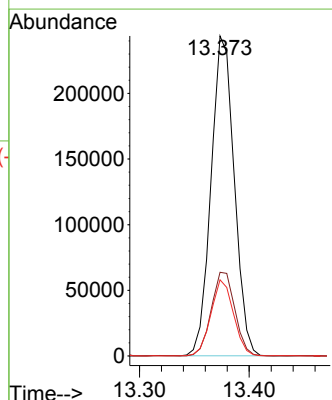
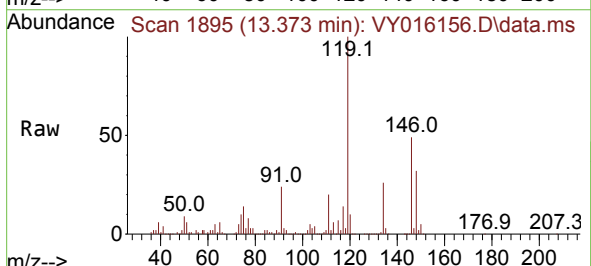
Tgt Ion:119 Resp: 358382

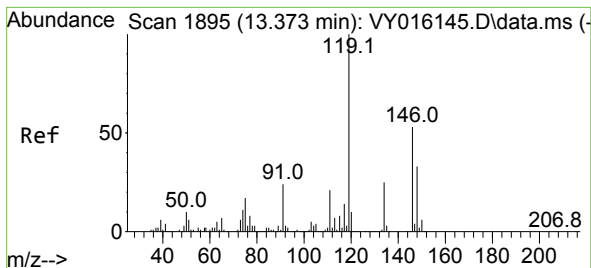
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.431 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :

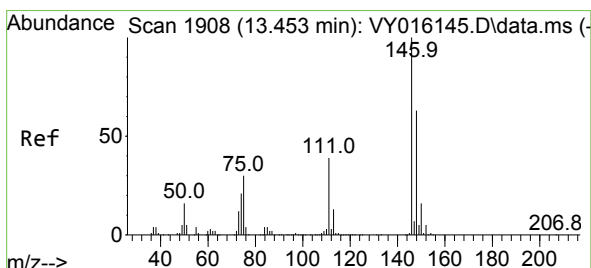
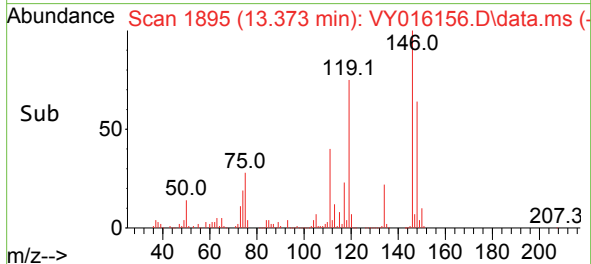
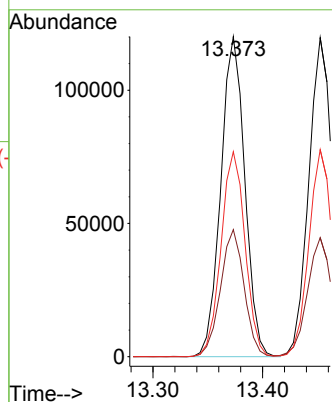
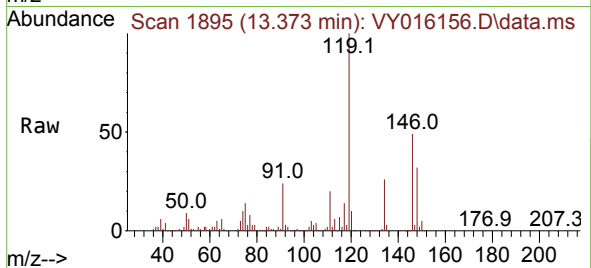
Tgt Ion:146 Resp: 182699

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.512 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

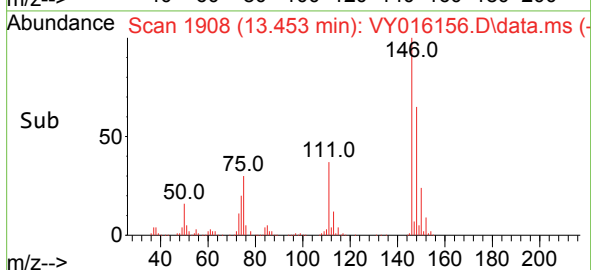
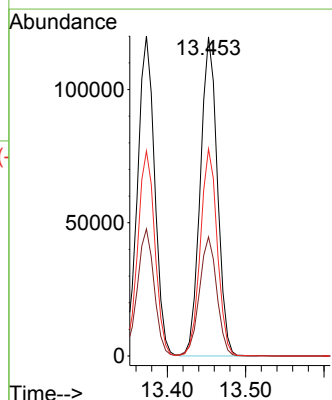
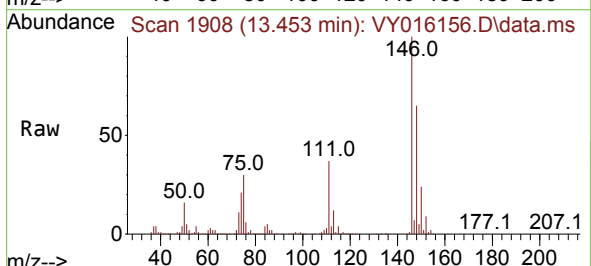
Tgt Ion:146 Resp: 180876

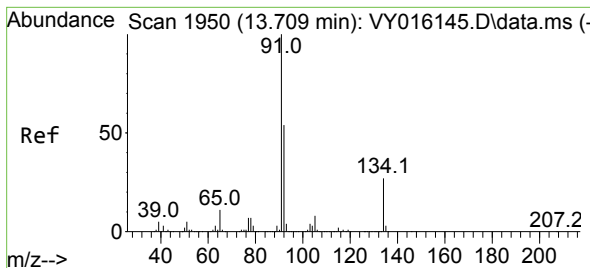
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 48.670 ug/l

RT: 13.703 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :

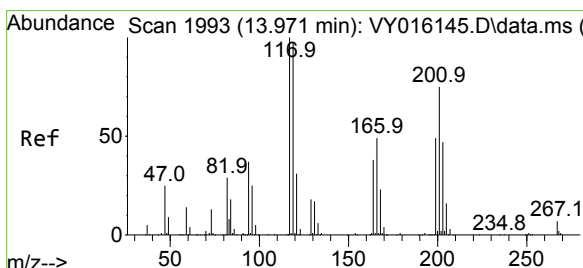
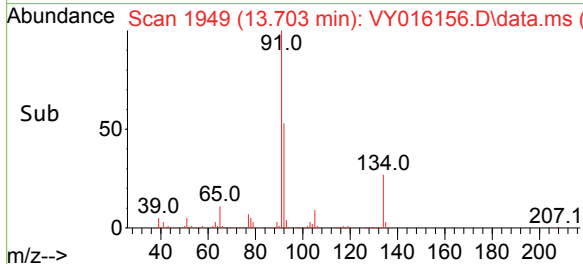
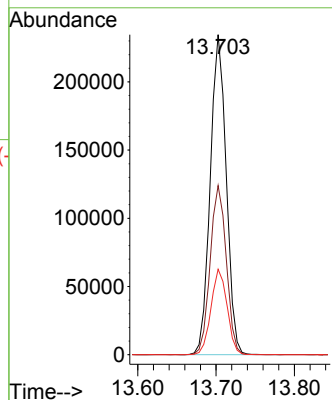
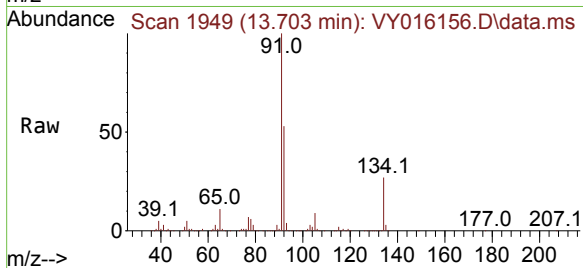
Tgt Ion: 91 Resp: 332189

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.9 12.6 37.6



#90

Hexachloroethane

Concen: 50.624 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016156.D

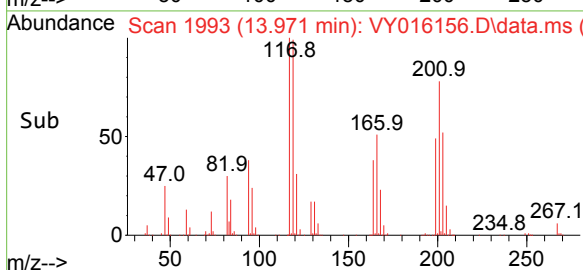
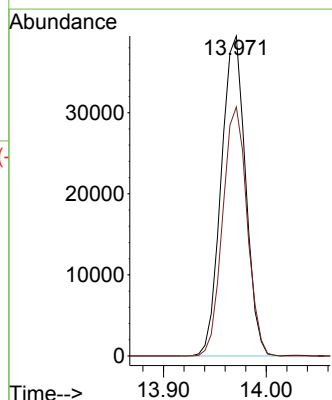
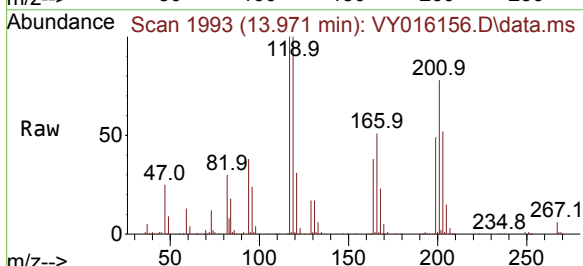
Acq: 31 Oct 2023 19:32

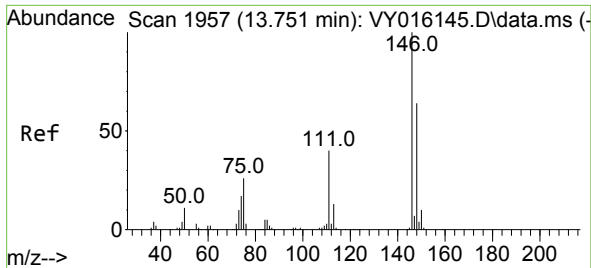
Tgt Ion: 117 Resp: 64803

Ion Ratio Lower Upper

117 100

201 78.1 41.6 124.8

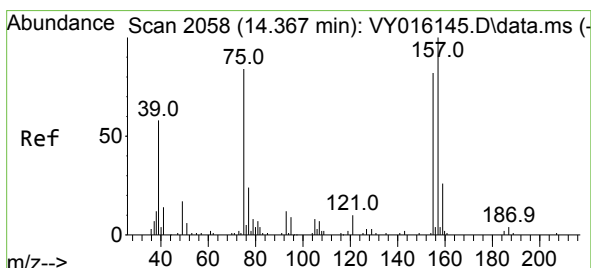
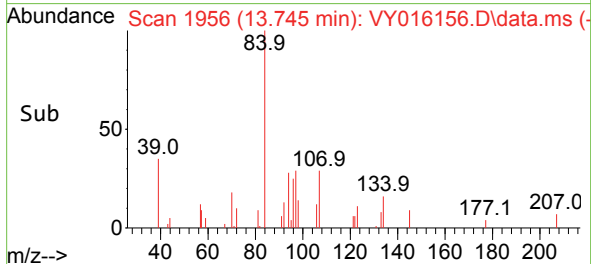
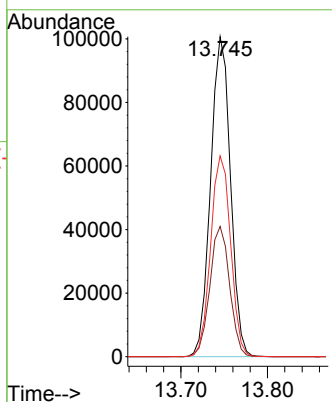
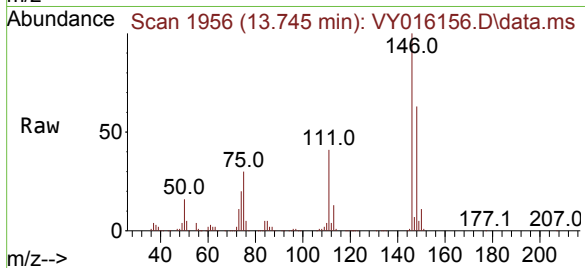




#91
1,2-Dichlorobenzene
Concen: 49.156 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

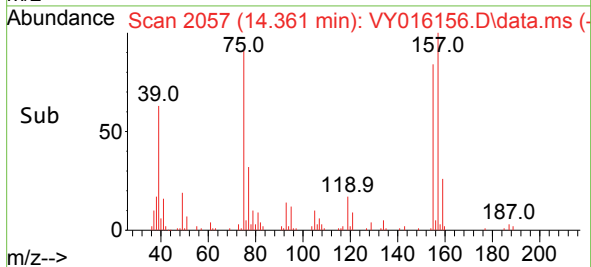
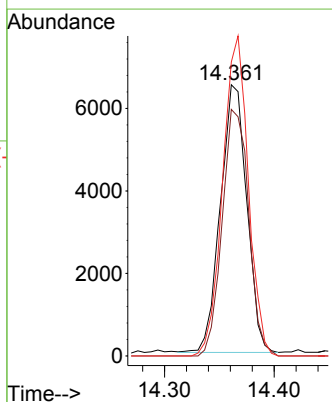
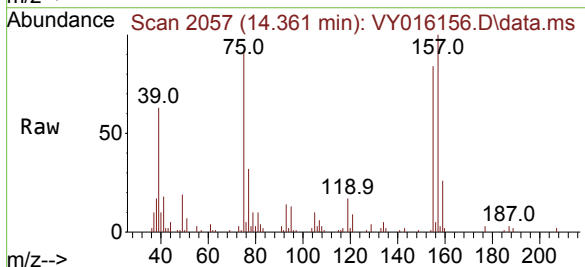
Instrument :
MSVOA_Y
ClientSampleId :

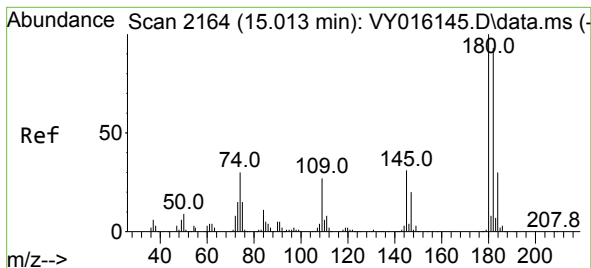
Tgt Ion:146 Resp: 160218
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 63.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.212 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016156.D
Acq: 31 Oct 2023 19:32

Tgt Ion: 75 Resp: 10846
Ion Ratio Lower Upper
75 100
155 92.3 41.5 124.6
157 115.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.759 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :

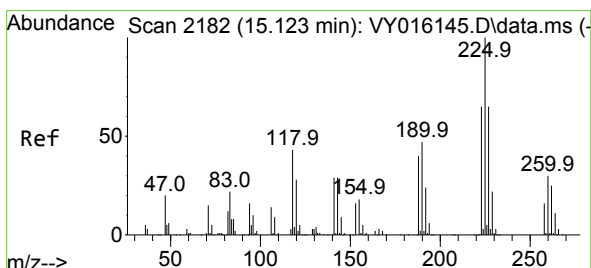
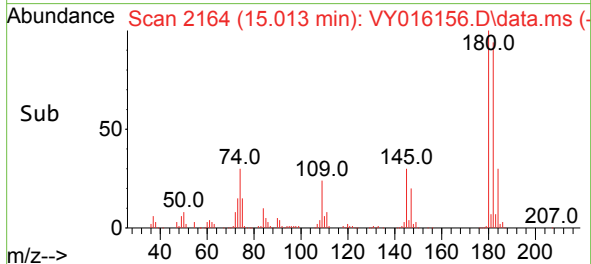
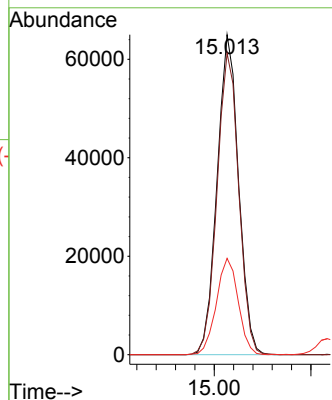
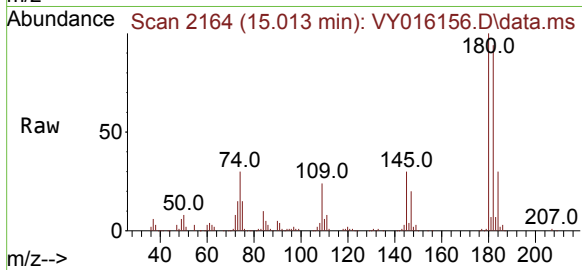
Tgt Ion:180 Resp: 100101

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.120 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

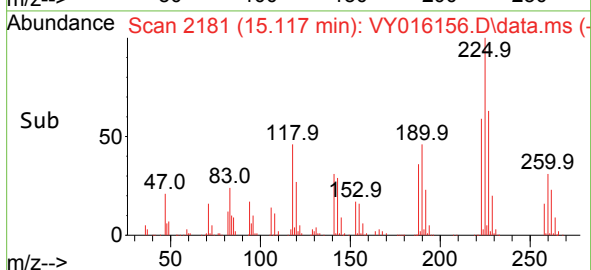
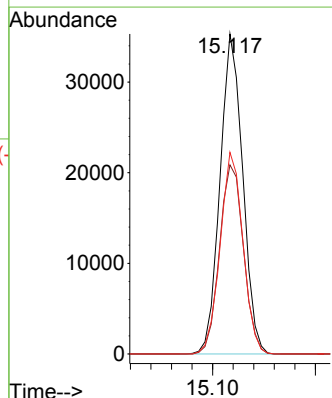
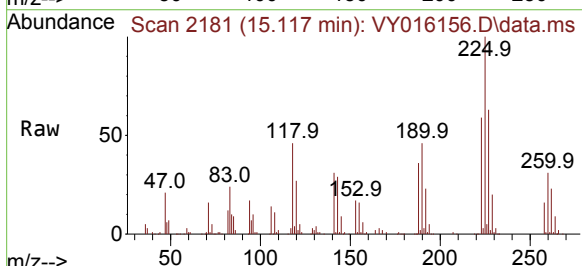
Tgt Ion:225 Resp: 53998

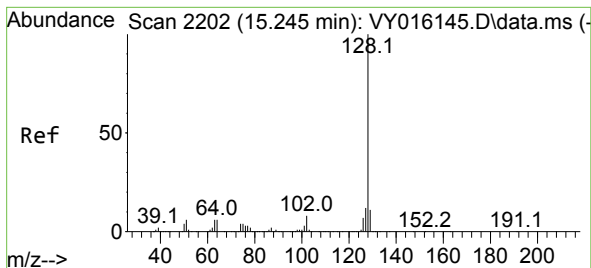
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 63.3 33.0 98.9





#95

Naphthalene

Concen: 48.232 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016156.D

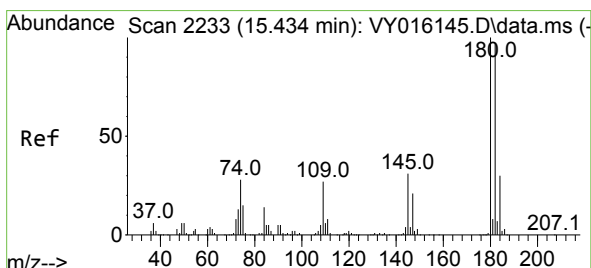
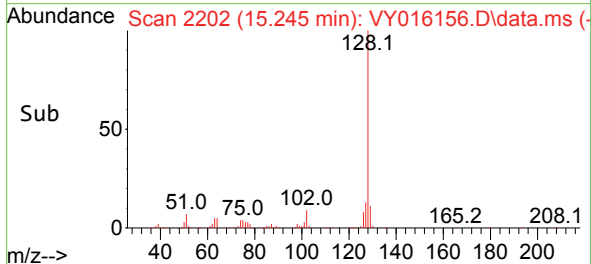
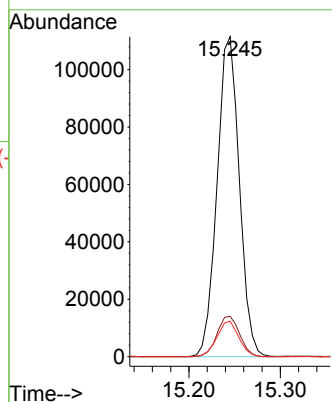
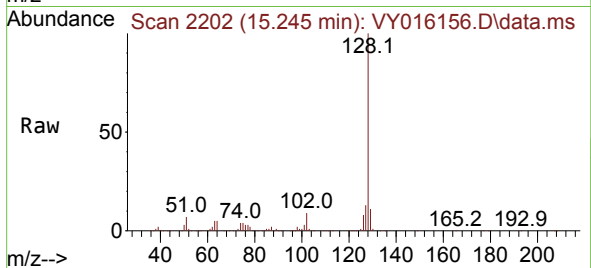
Acq: 31 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	188499
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.8	16.2
129	11.0	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.646 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016156.D

Acq: 31 Oct 2023 19:32

Tgt Ion:	180	Resp:	85317
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	141.8
145	32.2	15.4	46.2

