

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006439.D
 Acq On : 22 Oct 2021 14:46
 Operator : SY/MD
 Sample : VY1022SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBL01

Quant Time: Oct 23 07:05:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

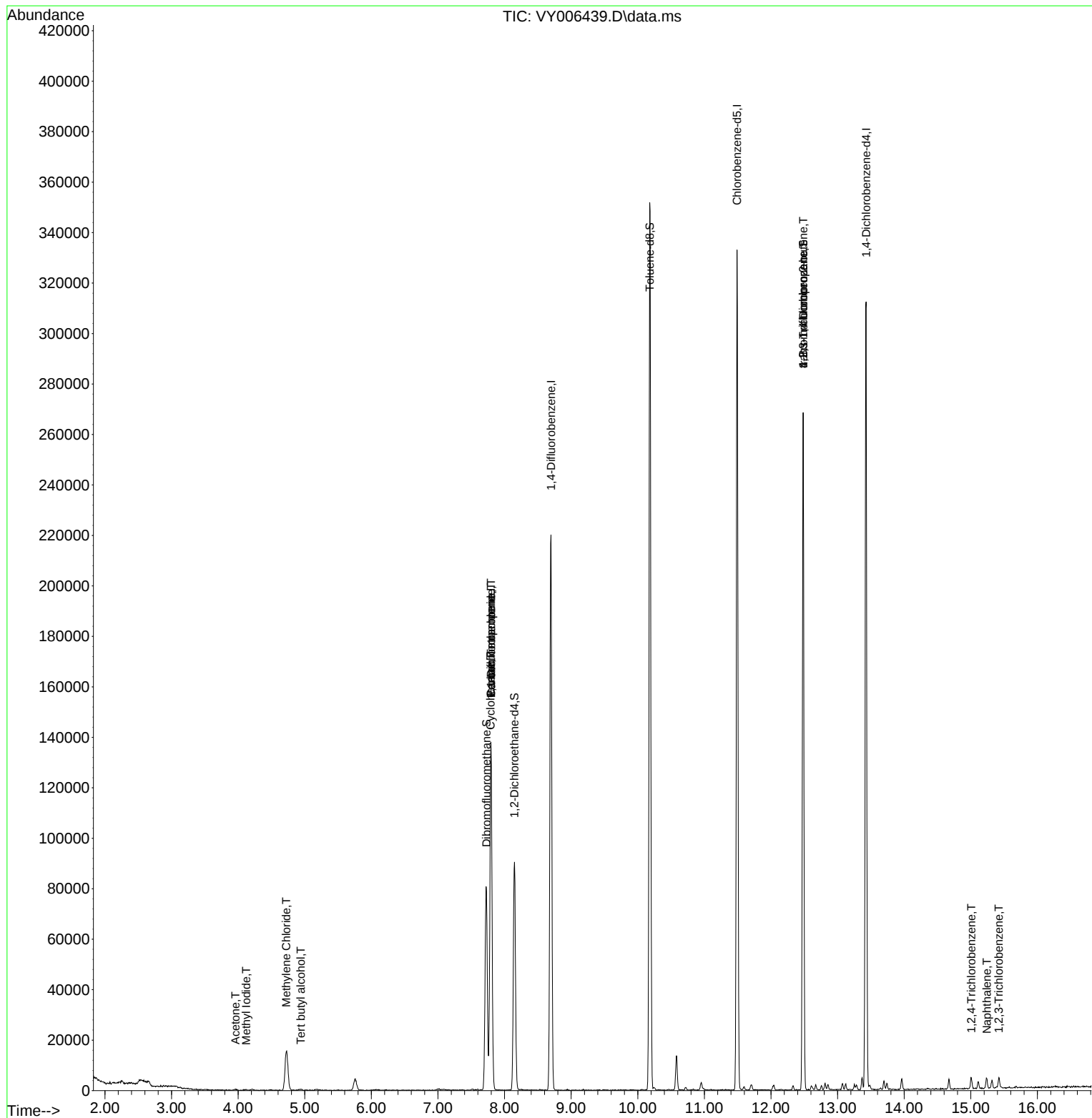
Internal Standards						
1) Pentafluorobenzene	7.795	168	104222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	166956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76364	59.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.080%	
35) Dibromofluoromethane	7.728	113	54199	54.487	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.980%	
50) Toluene-d8	10.179	98	224980	53.353	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.483	95	72145	50.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.580%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.119	142	374	5.387	ug/l #	88
11) Tert butyl alcohol	4.942	59	299	2.566	ug/l #	72
16) Acetone	3.960	43	800	2.166	ug/l #	79
20) Methylene Chloride	4.723	84	11117	6.166	ug/l	95
31) Cyclohexane	7.789	56	2688	1.295	ug/l #	38
36) 1,1-Dichloropropene	7.795	75	8666	4.914	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10159	5.222	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42267	54.024	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42267	110.910	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.007	180	1618	1.113	ug/l	93
95) Naphthalene	15.239	128	3655	1.284	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	1624	1.275	ug/l	96

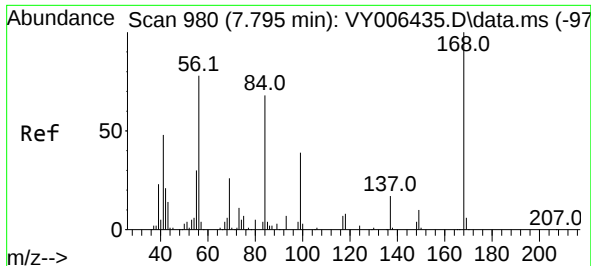
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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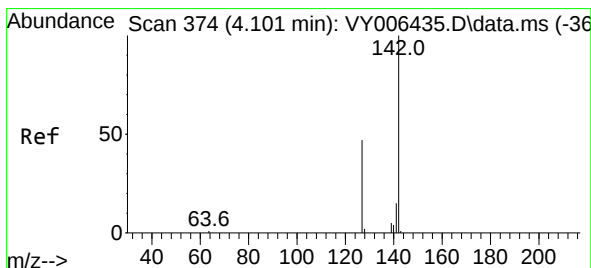
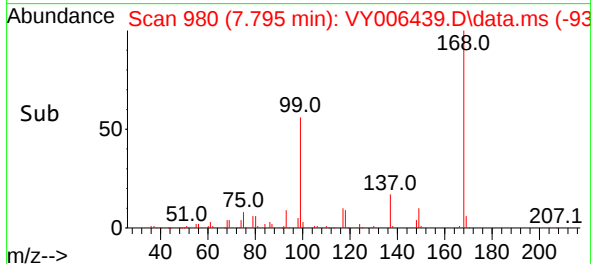
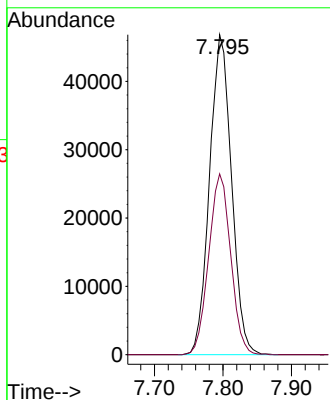
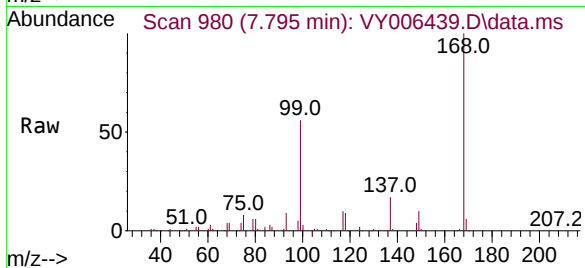




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

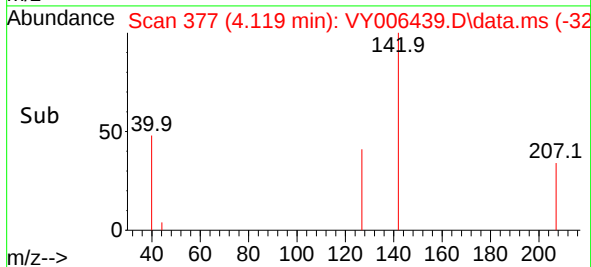
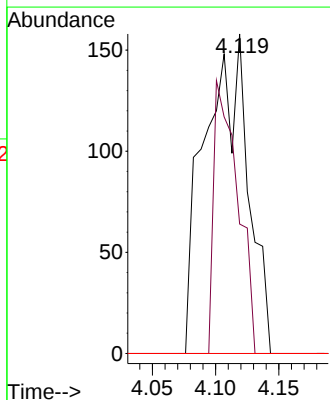
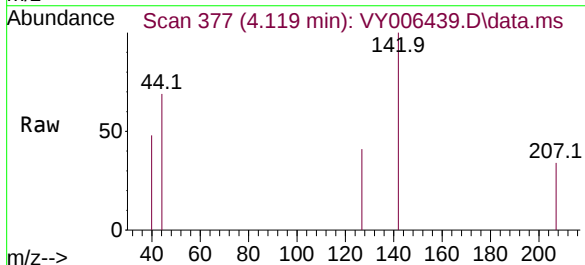
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBL01

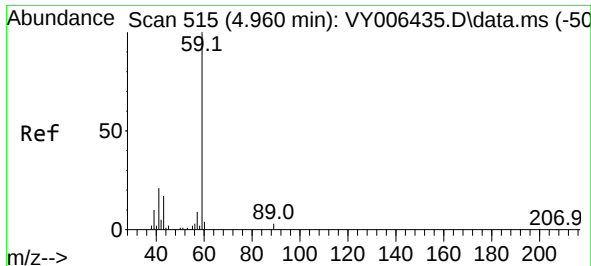
Tgt Ion:168 Resp: 104222
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.387 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

Tgt Ion:142 Resp: 374
Ion Ratio Lower Upper
142 100
127 47.6 40.1 60.1
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 2.566 ug/l

RT: 4.942 min Scan# 515

Delta R.T. -0.018 min

Lab File: VY006439.D

Acq: 22 Oct 2021 14:46

Instrument :

MSVOA_Y

ClientSampleId :

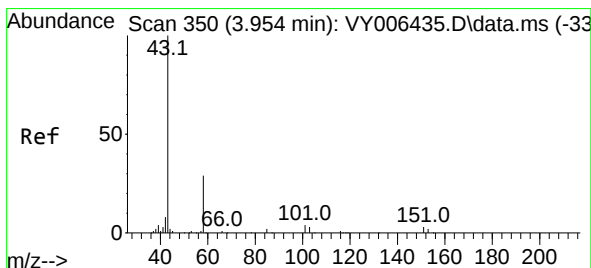
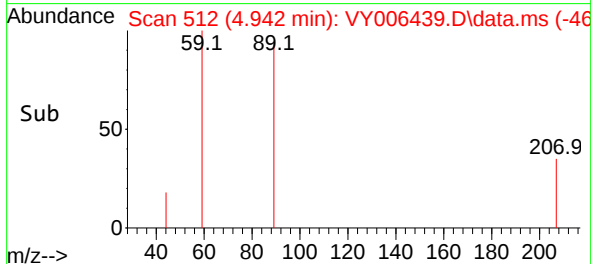
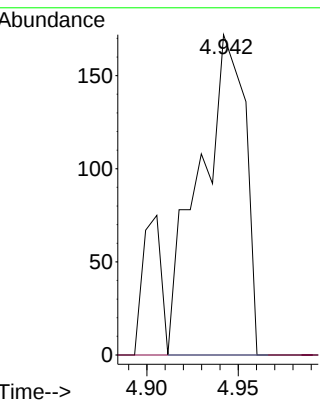
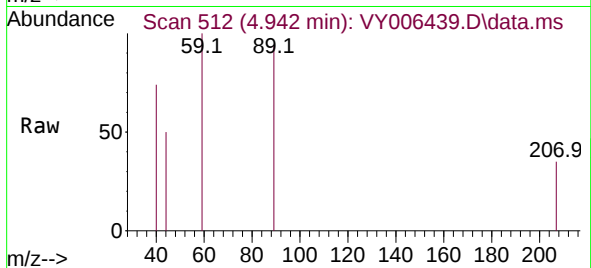
VY1022SBL01

Tgt Ion: 59 Resp: 299

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 2.166 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY006439.D

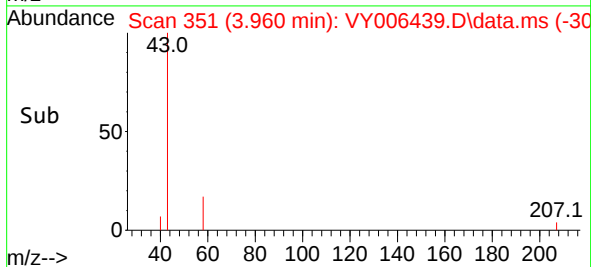
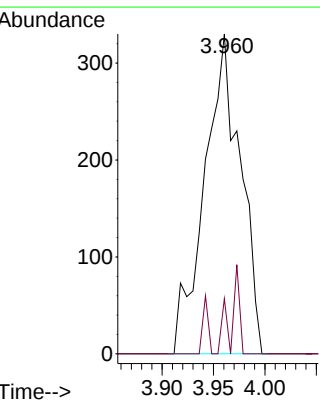
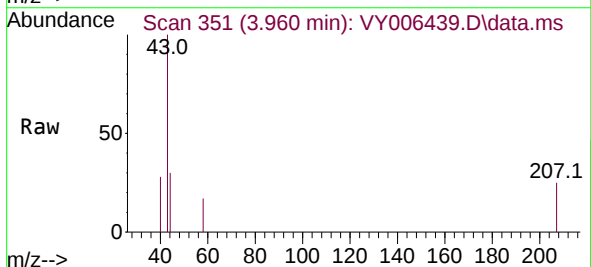
Acq: 22 Oct 2021 14:46

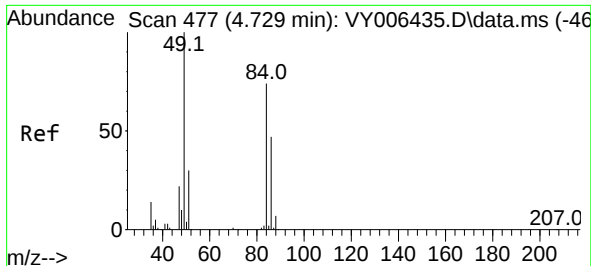
Tgt Ion: 43 Resp: 800

Ion Ratio Lower Upper

43 100

58 17.3 22.9 34.3#



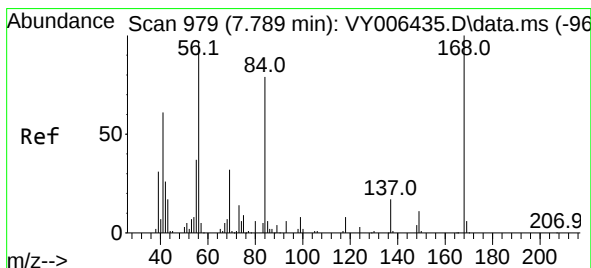
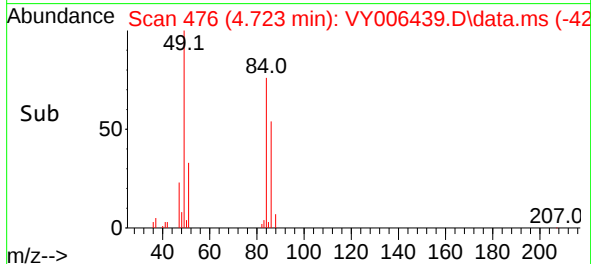
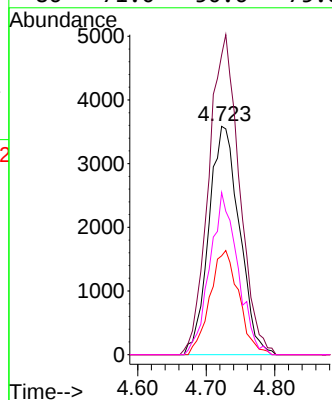
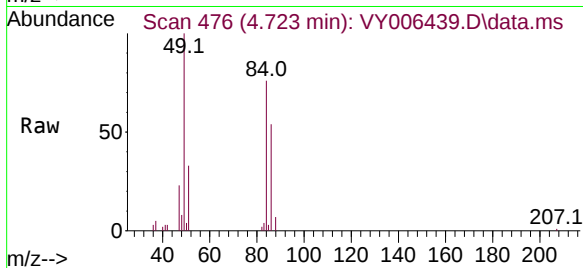


#20
Methylene Chloride
Concen: 6.166 ug/l
RT: 4.723 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBL01

Tgt Ion: 84 Resp: 11117

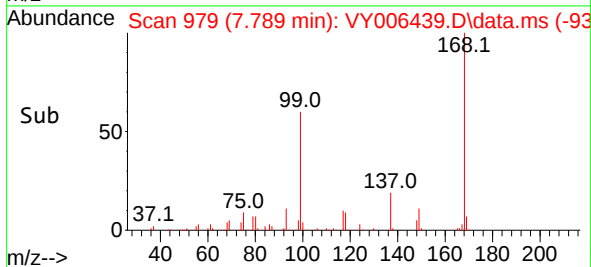
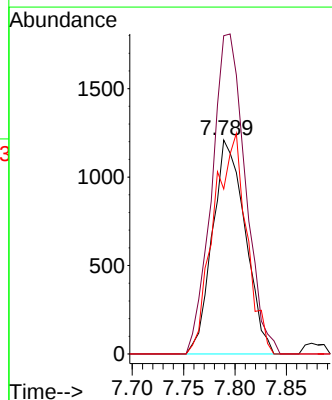
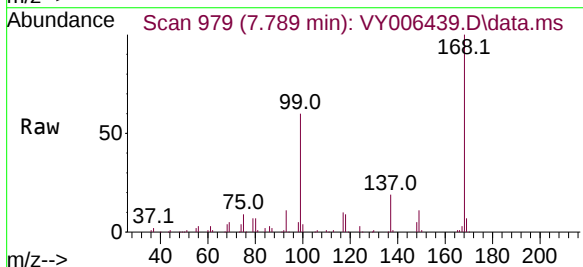
Ion	Ratio	Lower	Upper
84	100		
49	131.2	107.8	161.8
51	43.3	32.8	49.2
86	71.0	50.6	75.8

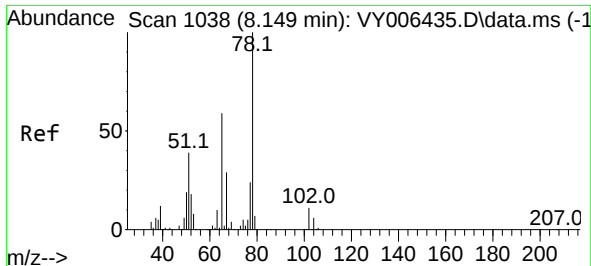


#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

Tgt Ion: 56 Resp: 2688

Ion	Ratio	Lower	Upper
56	100		
69	148.8	26.6	40.0#
84	77.2	65.0	97.4

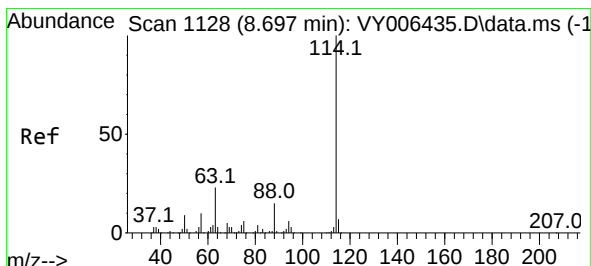
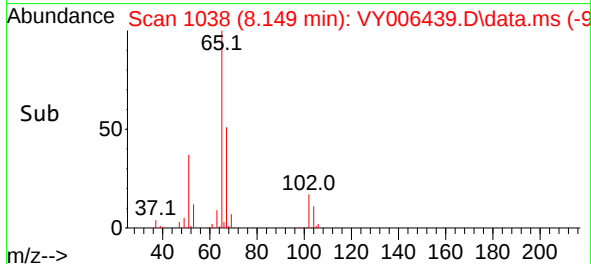
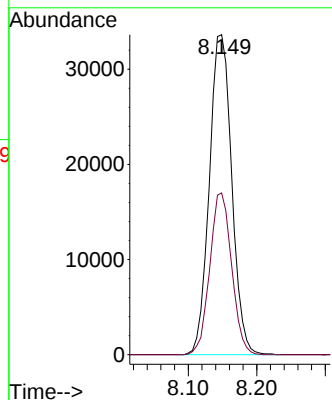
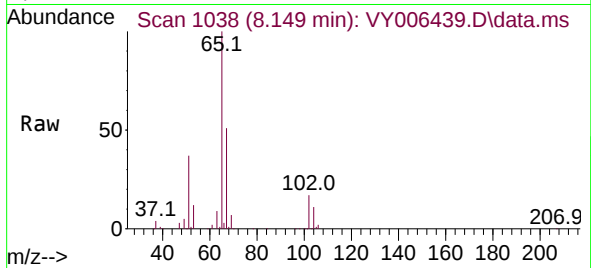




#33
1,2-Dichloroethane-d4
Concen: 59.542 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

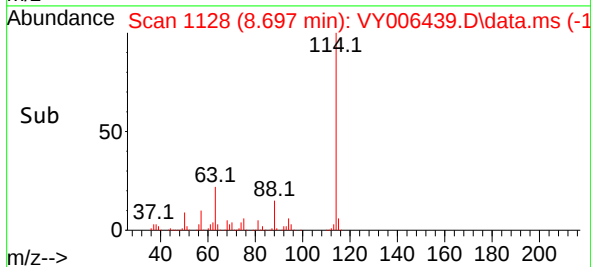
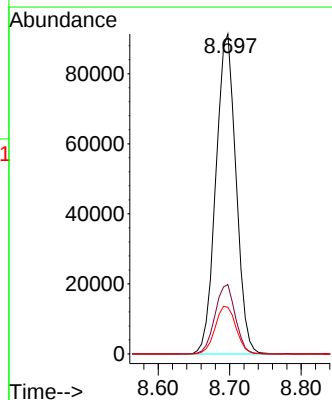
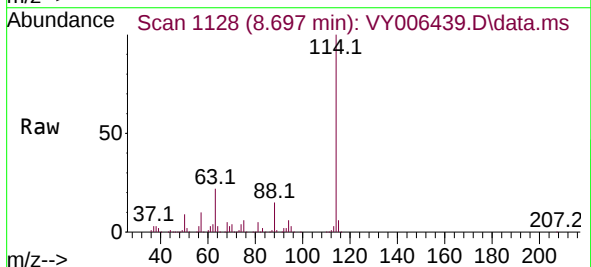
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBL01

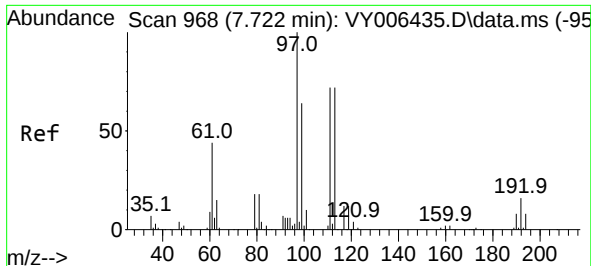
Tgt Ion: 65 Resp: 76364
Ion Ratio Lower Upper
65 100
67 49.2 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

Tgt Ion: 114 Resp: 178467
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 14.6 0.0 30.6

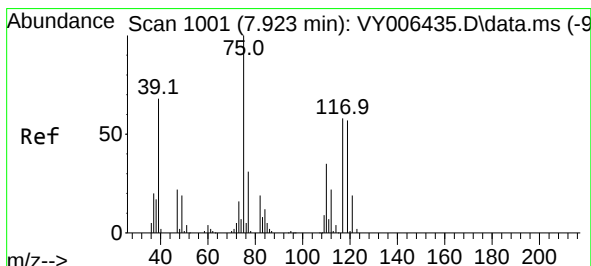
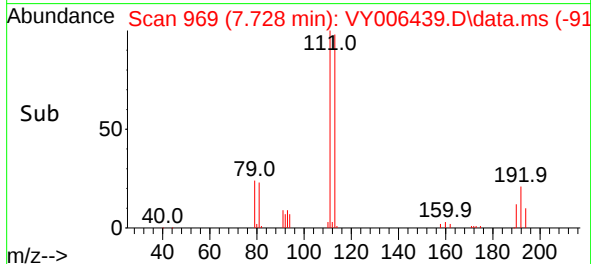
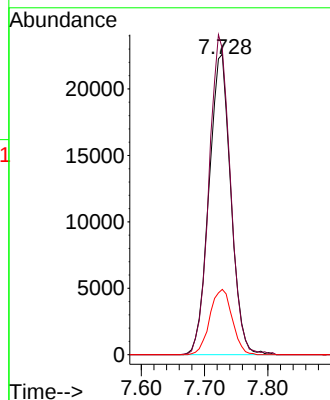
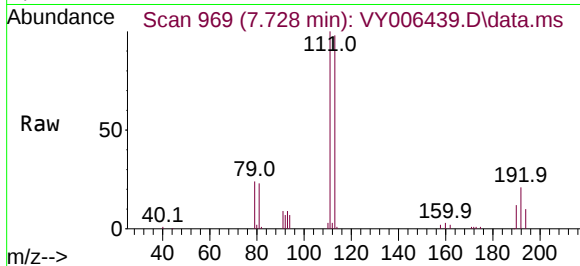




#35
Dibromofluoromethane
Concen: 54.487 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

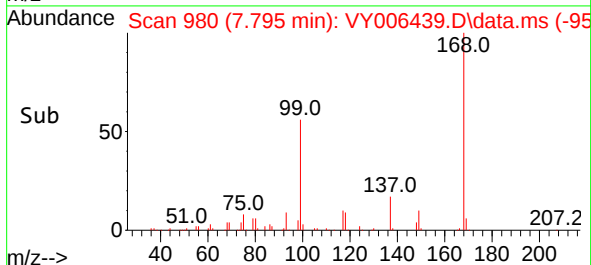
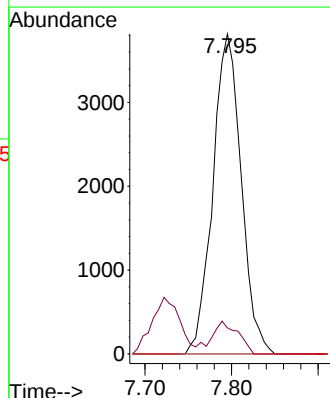
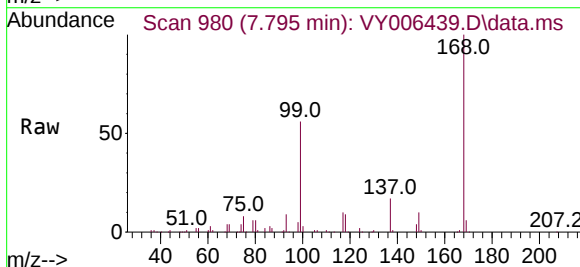
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBL01

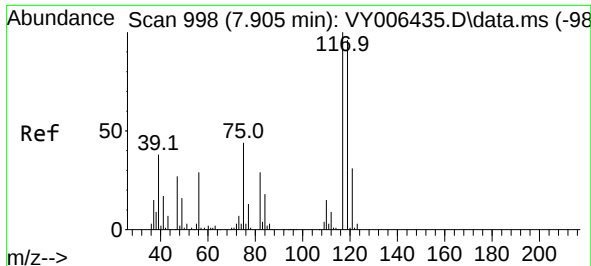
Tgt Ion:113 Resp: 54199
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 22.2 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.914 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

Tgt Ion: 75 Resp: 8666
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.3#
77 0.0 24.9 37.3#

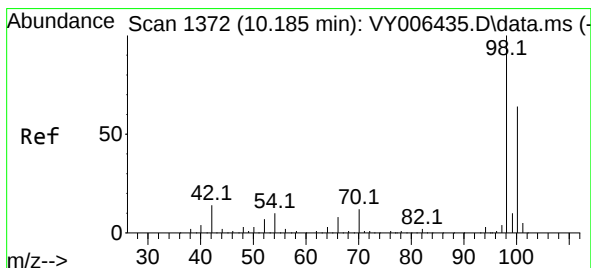
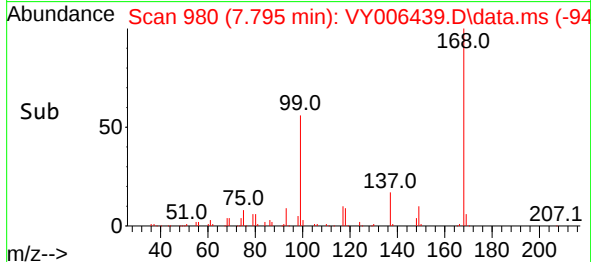
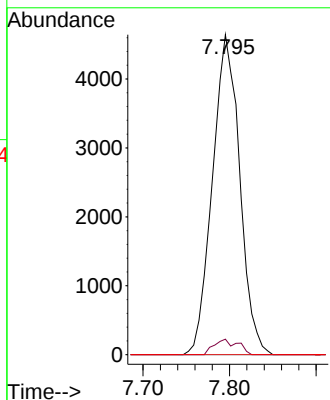
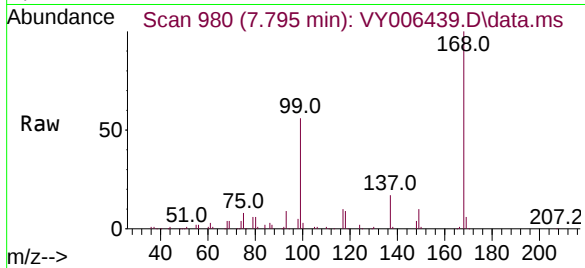




#38
Carbon Tetrachloride
Concen: 5.222 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

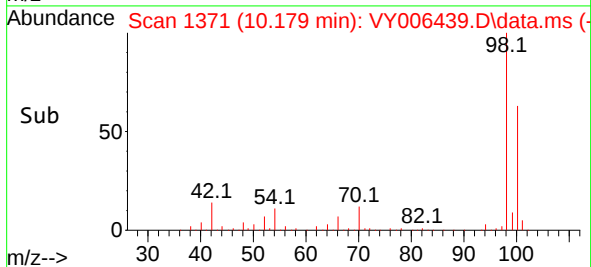
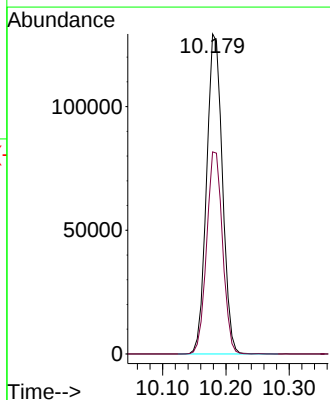
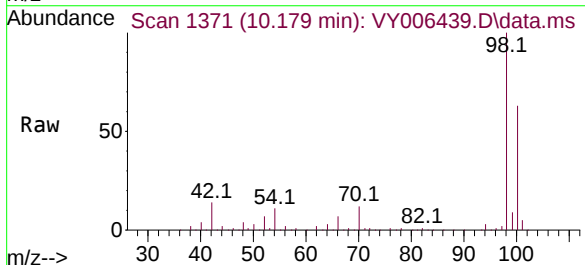
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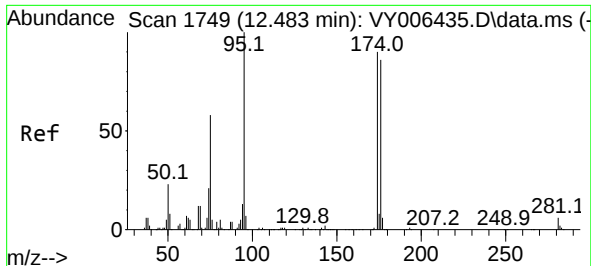
Tgt Ion:117 Resp: 10159
Ion Ratio Lower Upper
117 100
119 4.9 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.353 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

Tgt Ion: 98 Resp: 224980
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

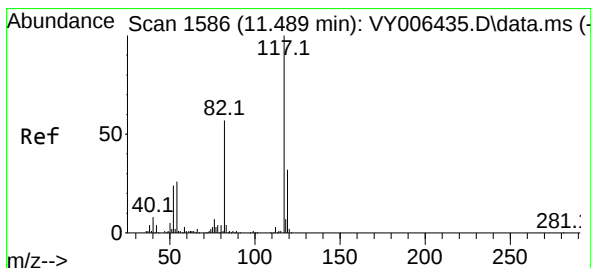
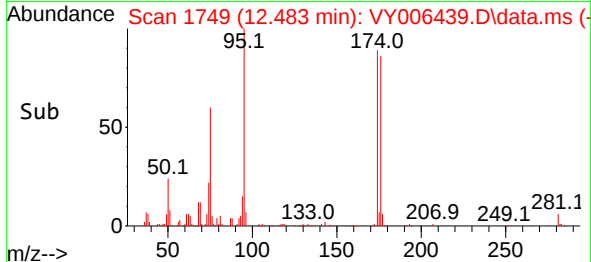
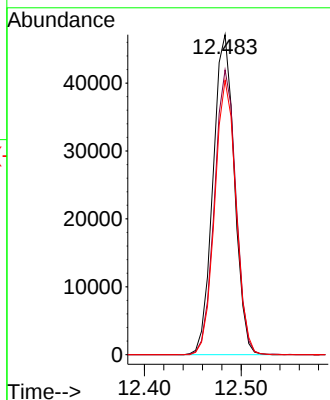
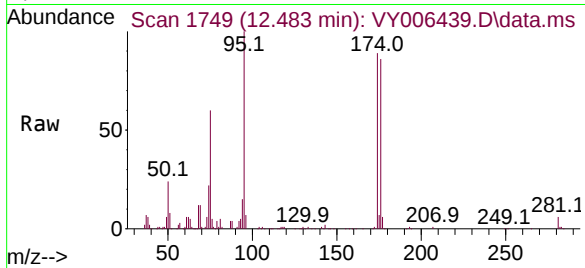




#62
4-Bromofluorobenzene
Concen: 50.790 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

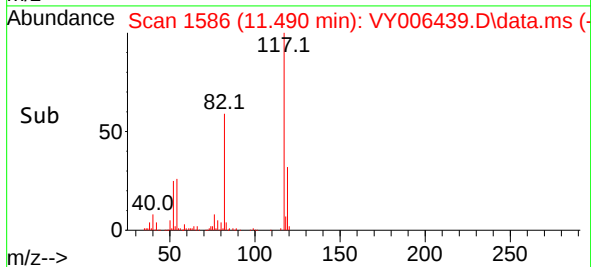
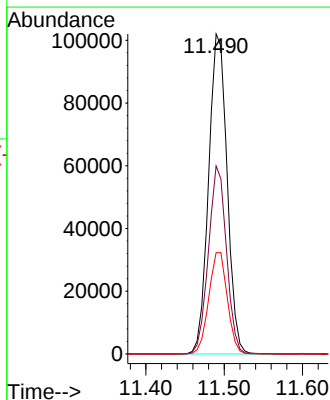
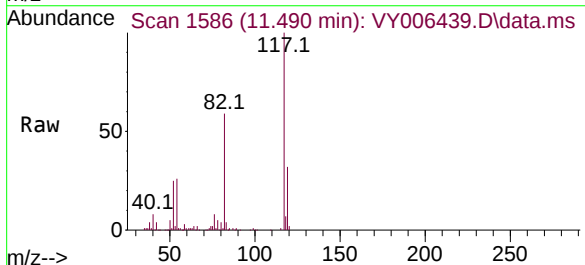
Instrument :
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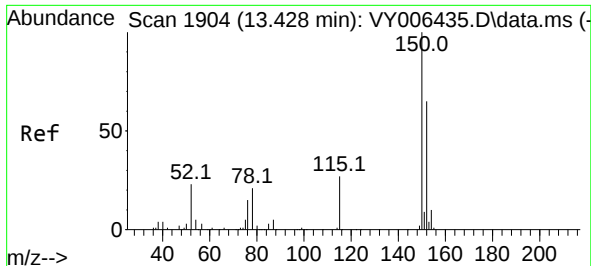
Tgt Ion: 95 Resp: 72145
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 85.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

Tgt Ion: 117 Resp: 166956
Ion Ratio Lower Upper
117 100
82 58.8 45.7 68.5
119 31.7 25.5 38.3

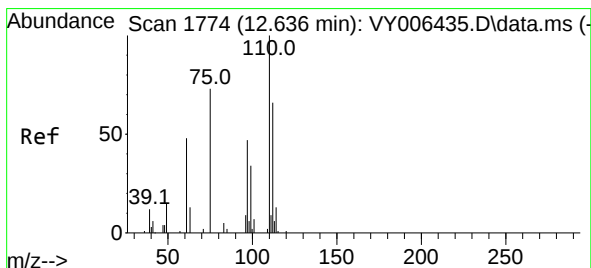
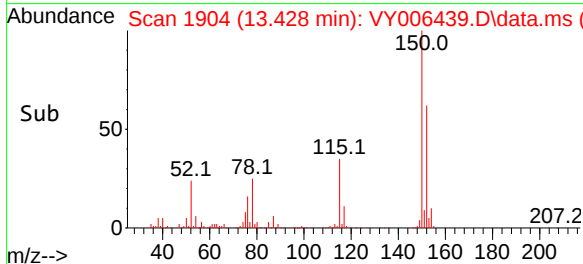
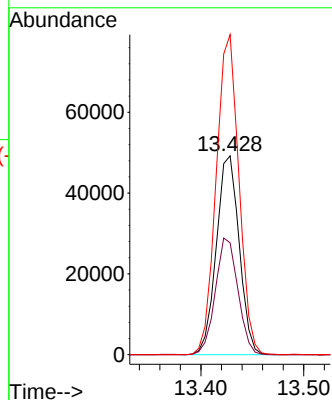
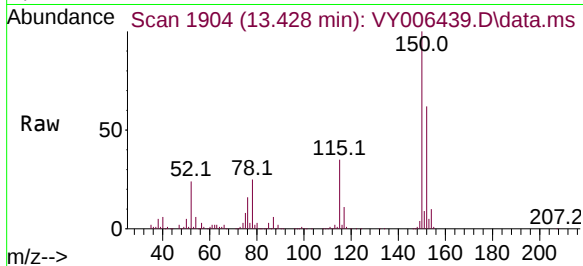




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006439.D
 Acq: 22 Oct 2021 14:46

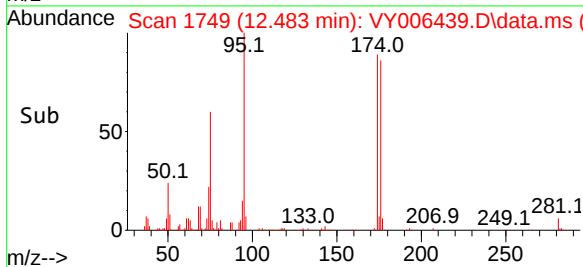
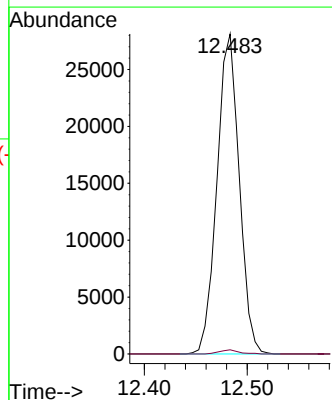
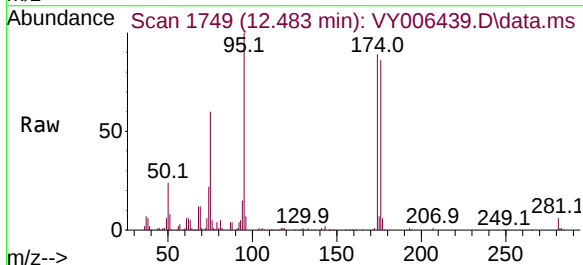
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBL01

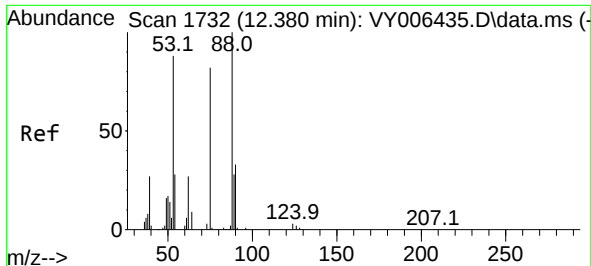
Tgt Ion:152 Resp: 75923
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.5 85.5
 150 159.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 54.024 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006439.D
 Acq: 22 Oct 2021 14:46

Tgt Ion: 75 Resp: 42267
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

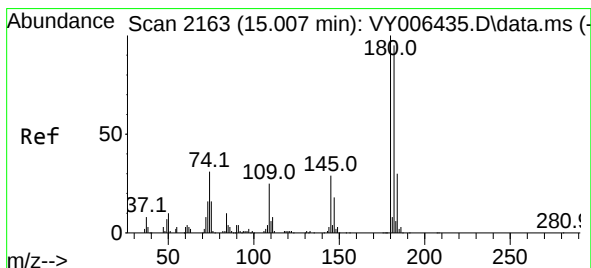
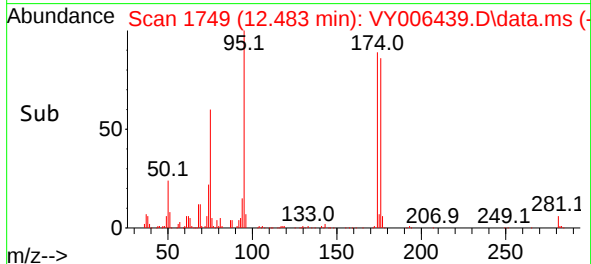
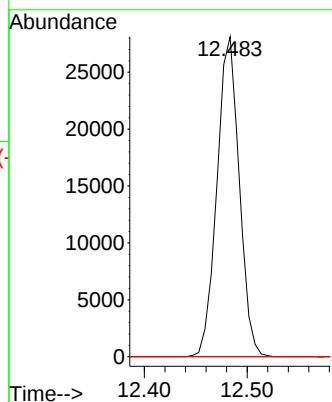
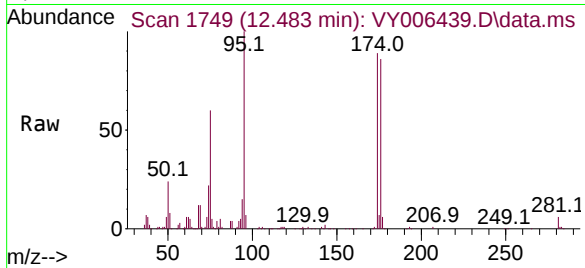




#81
trans-1,4-Dichloro-2-butene
Concen: 110.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

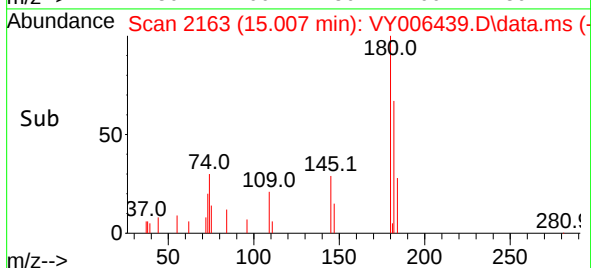
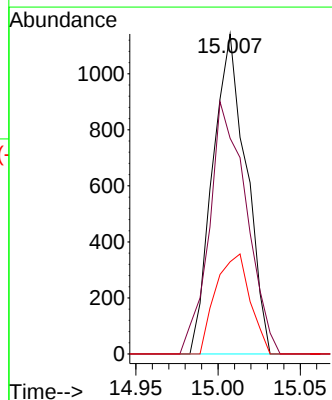
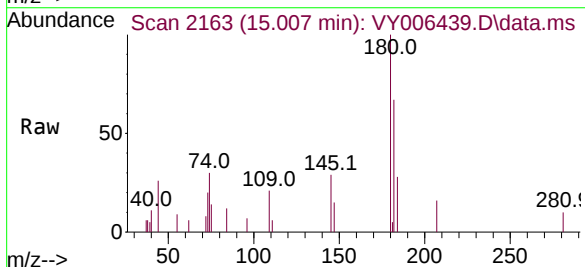
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBL01

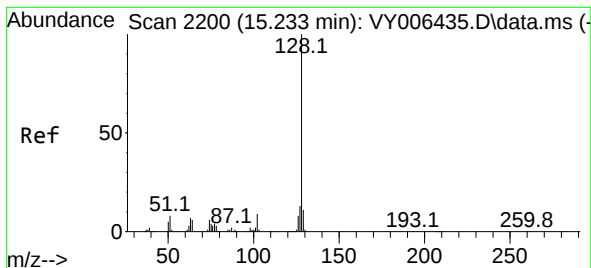
Tgt Ion: 75 Resp: 42267
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#93
1,2,4-Trichlorobenzene
Concen: 1.113 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

Tgt Ion:180 Resp: 1618
Ion Ratio Lower Upper
180 100
182 87.2 47.1 141.4
145 31.9 14.5 43.6





#95

Naphthalene

Concen: 1.284 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY006439.D

Acq: 22 Oct 2021 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBL01

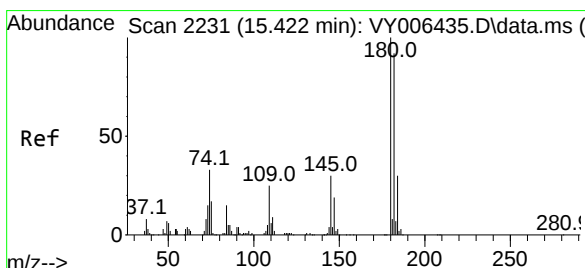
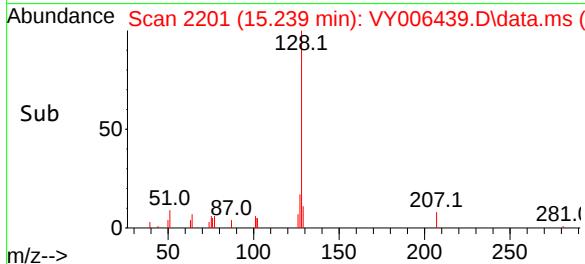
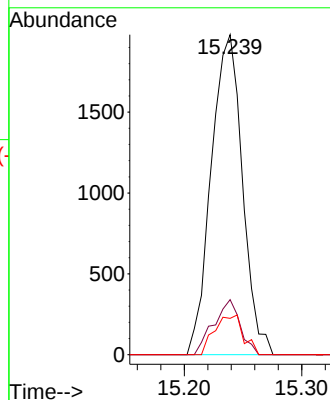
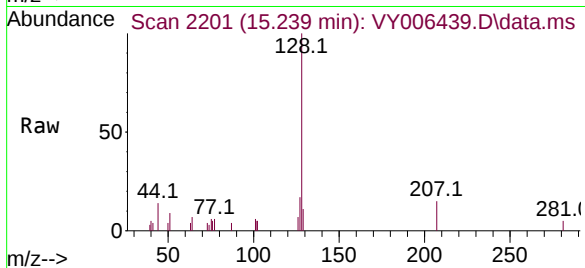
Tgt Ion:128 Resp: 3655

Ion Ratio Lower Upper

128 100

127 14.7 11.0 16.4

129 11.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 1.275 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY006439.D

Acq: 22 Oct 2021 14:46

Tgt Ion:180 Resp: 1624

Ion Ratio Lower Upper

180 100

182 91.3 47.8 143.4

145 28.8 15.3 45.8

