

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006537.D
 Acq On : 29 Oct 2021 14:07
 Operator : SY/MD
 Sample : M4402-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 02:59:41 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)

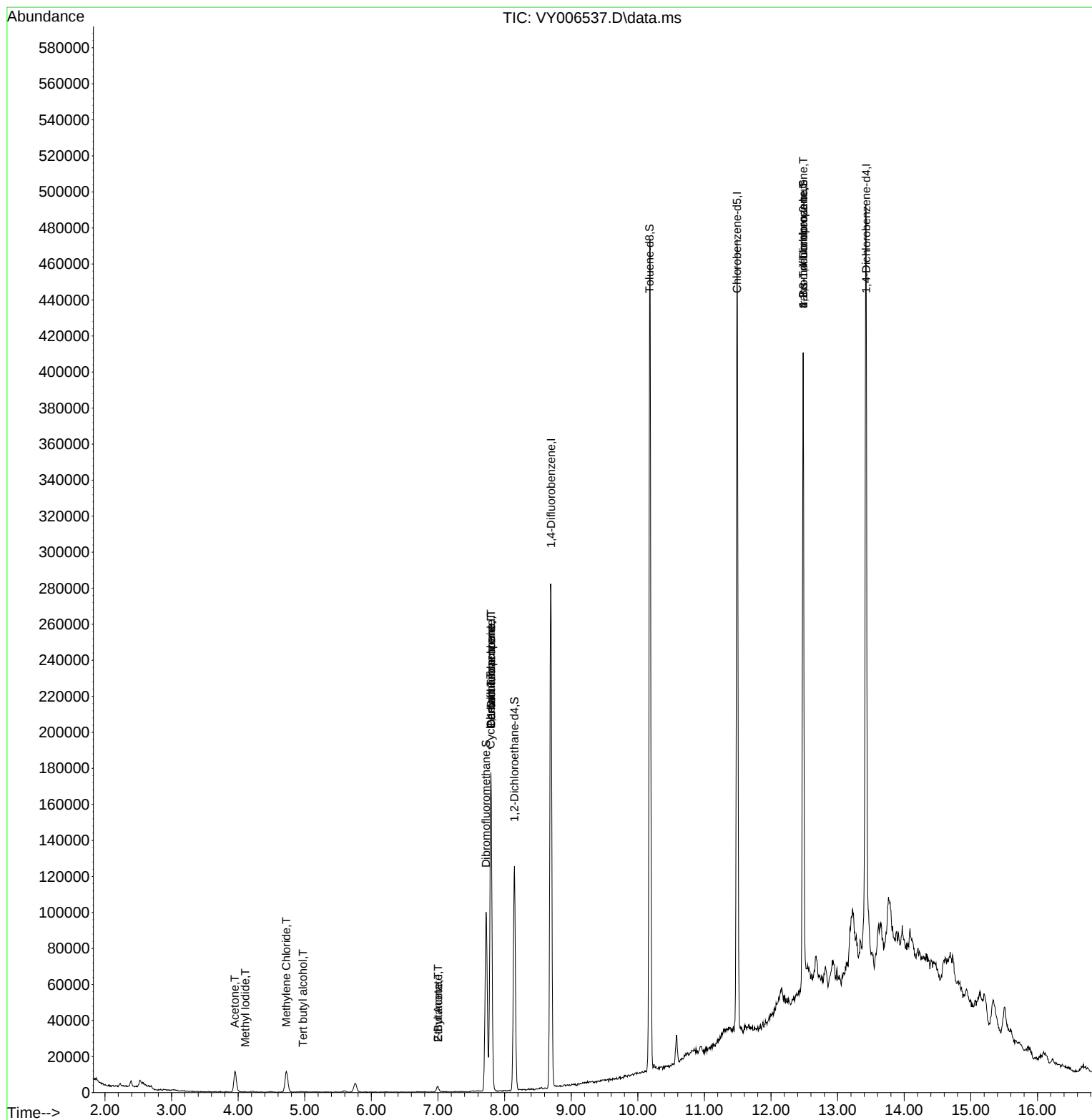
Internal Standards						
1) Pentafluorobenzene	7.795	168	130069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	224541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	96483	60.280	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.560%			
35) Dibromofluoromethane	7.722	113	66961	53.503	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.000%			
50) Toluene-d8	10.178	98	292559	55.144	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.280%			
62) 4-Bromofluorobenzene	12.483	95	100492	56.229	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.460%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.106	142	234	5.224	ug/l #	87
11) Tert butyl alcohol	4.972	59	197	1.355	ug/l #	72
16) Acetone	3.948	43	21248	46.103	ug/l #	88
20) Methylene Chloride	4.722	84	7572	1.375	ug/l #	92
25) 2-Butanone	7.002	43	4866	8.059	ug/l #	87
31) Cyclohexane	7.789	56	3473	1.340	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	11252	5.072	ug/l #	51
37) Ethyl Acetate	7.002	43	4866	3.466	ug/l #	72
38) Carbon Tetrachloride	7.795	117	13217	5.400	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	57411	60.031	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57411	123.241	ug/l #	7

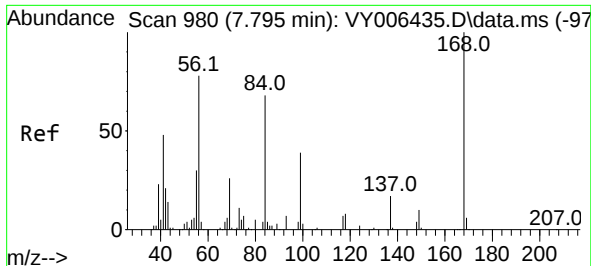
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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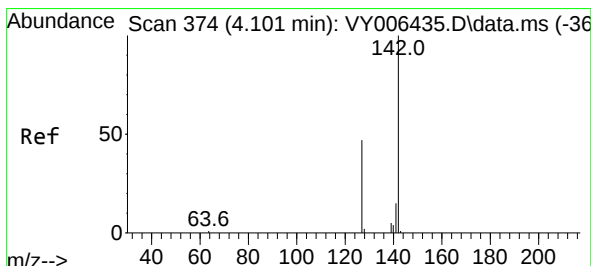
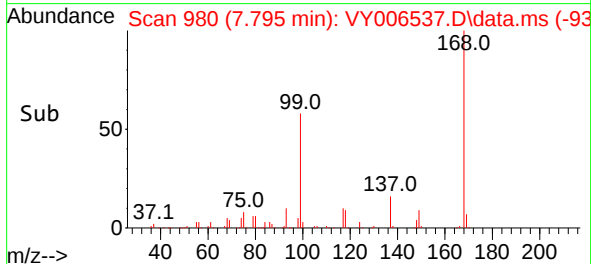
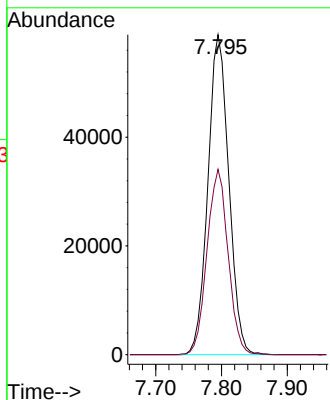
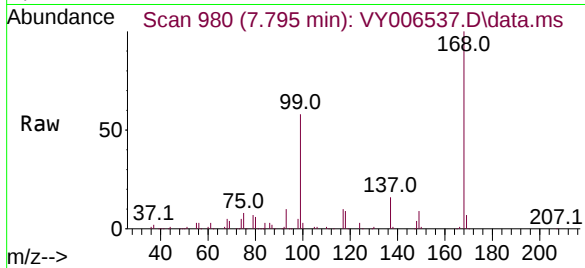




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

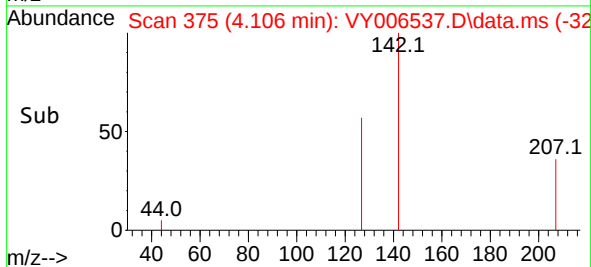
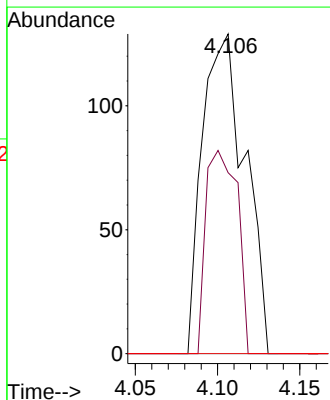
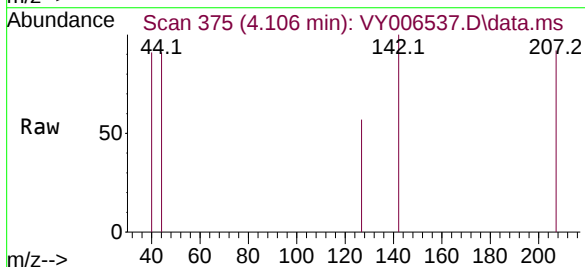
Instrument :
MSVOA_Y
ClientSampleId :

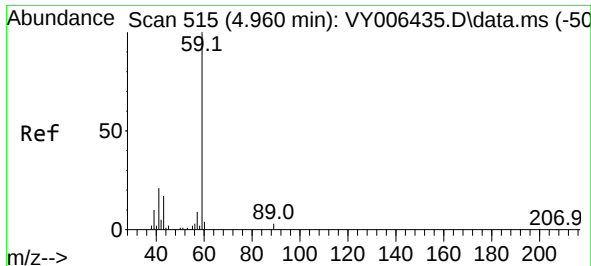
Tgt Ion:168 Resp: 130069
Ion Ratio Lower Upper
168 100
99 57.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.224 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.005 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

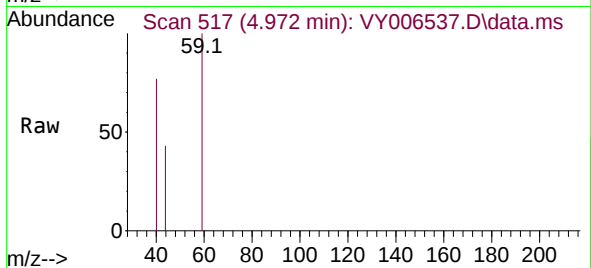
Tgt Ion:142 Resp: 234
Ion Ratio Lower Upper
142 100
127 46.6 40.1 60.1
141 0.0 12.5 18.7#



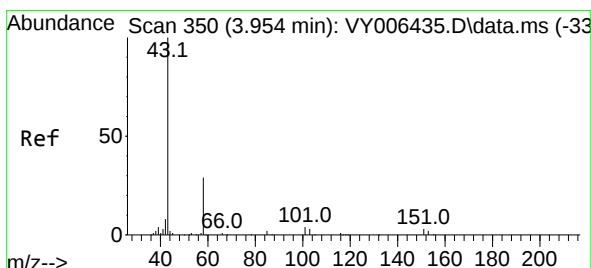
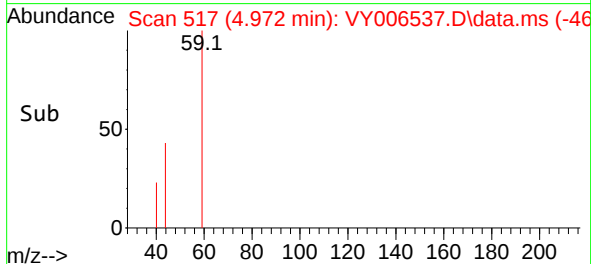
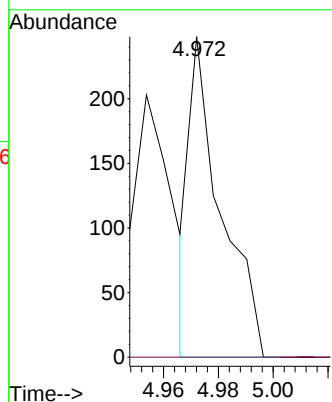


#11
Tert butyl alcohol
Concen: 1.355 ug/l
RT: 4.972 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

Instrument :
MSVOA_Y
ClientSampleId :

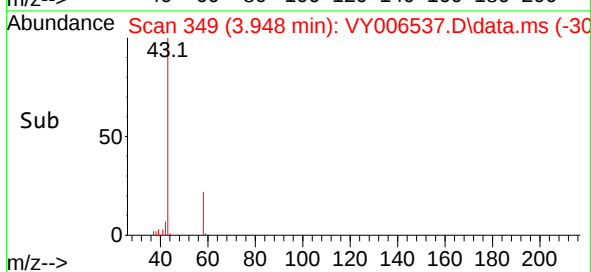
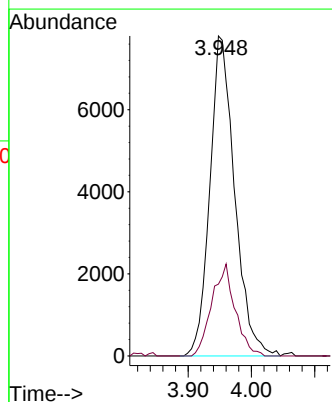
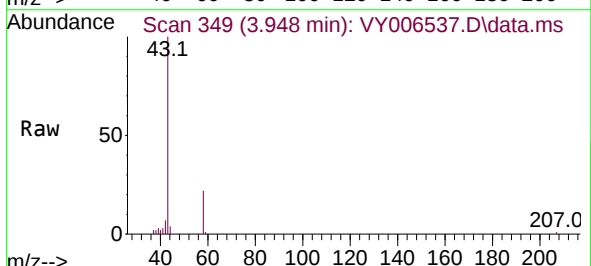


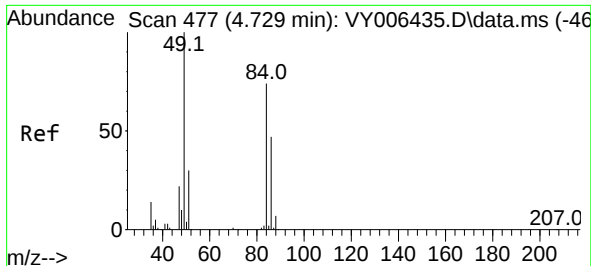
Tgt Ion: 59 Resp: 197
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 46.103 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

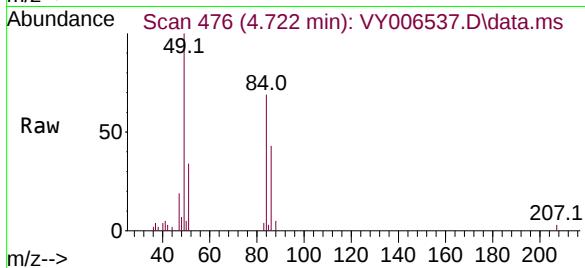
Tgt Ion: 43 Resp: 21248
Ion Ratio Lower Upper
43 100
58 22.5 22.9 34.3#





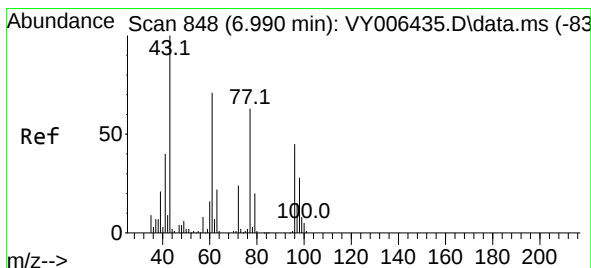
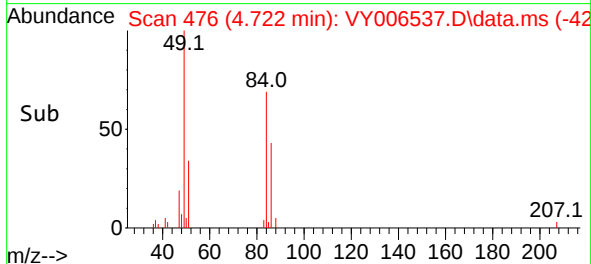
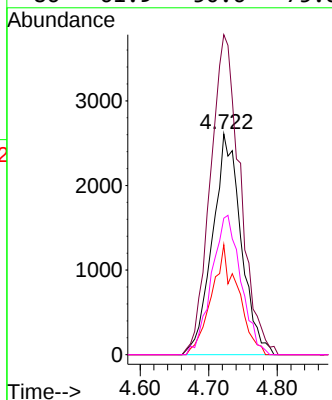
#20
Methylene Chloride
Concen: 1.375 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7572

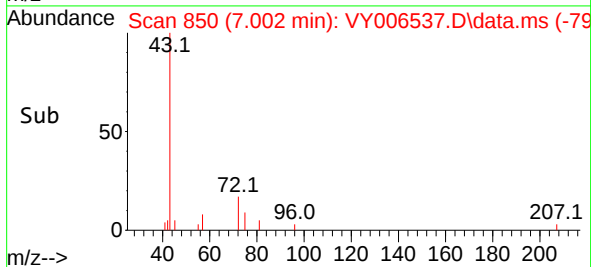
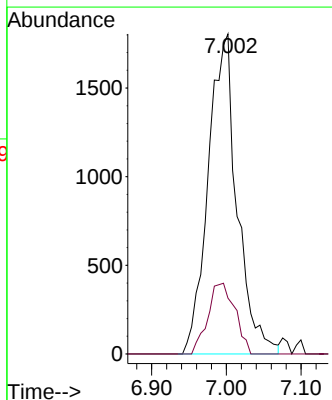
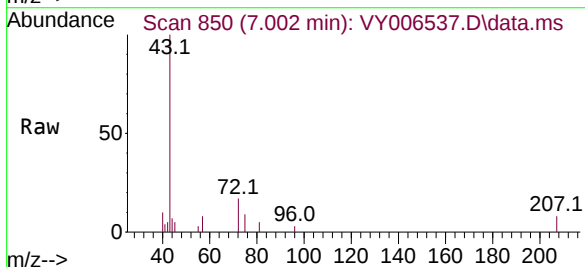
Ion	Ratio	Lower	Upper
84	100		
49	145.0	107.8	161.8
51	49.8	32.8	49.2#
86	61.9	50.6	75.8

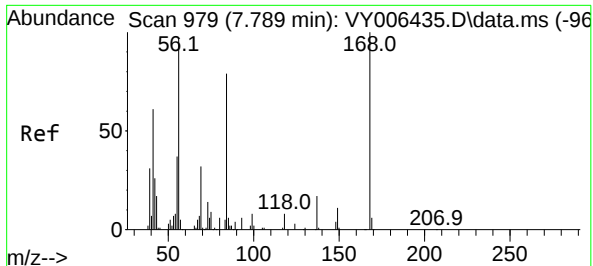


#25
2-Butanone
Concen: 8.059 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

Tgt Ion: 43 Resp: 4866

Ion	Ratio	Lower	Upper
43	100		
72	17.5	18.9	28.3#

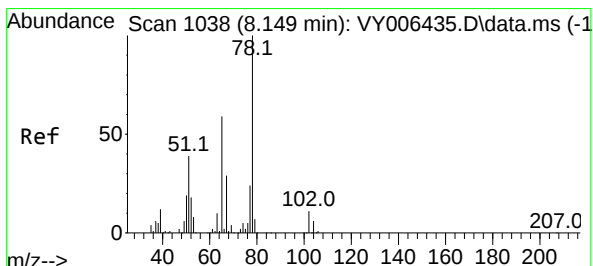
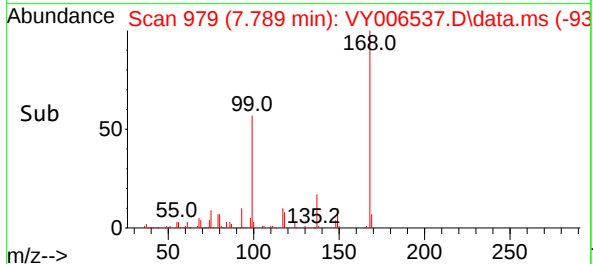
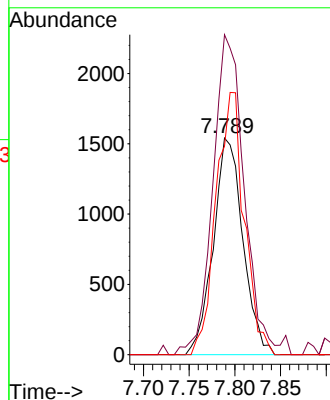
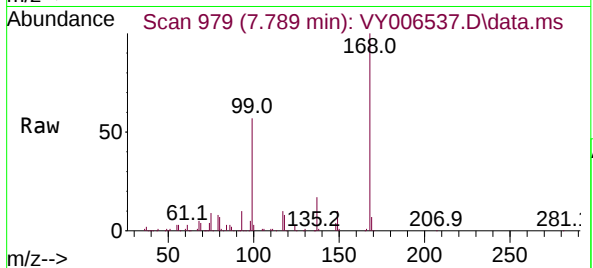




#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

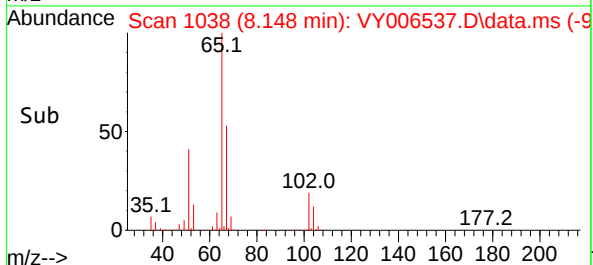
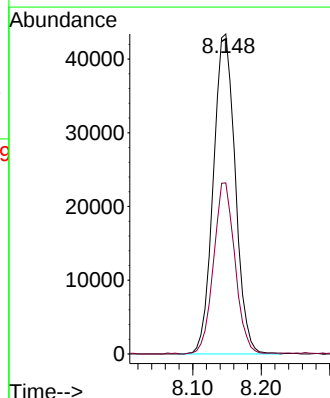
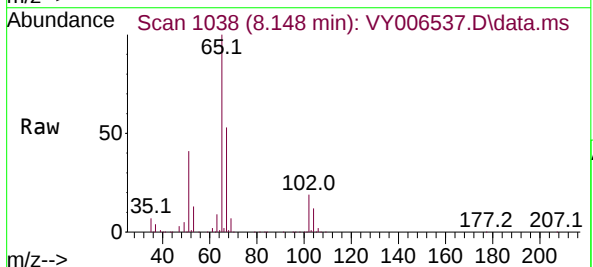
Instrument :
MSVOA_Y
ClientSampleId :

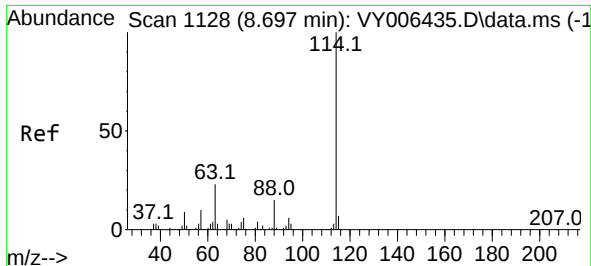
Tgt Ion: 56 Resp: 3473
Ion Ratio Lower Upper
56 100
69 144.1 26.6 40.0#
84 96.2 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 60.280 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

Tgt Ion: 65 Resp: 96483
Ion Ratio Lower Upper
65 100
67 52.3 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: VY006537.D

Acq: 29 Oct 2021 14:07

Instrument :

MSVOA_Y

ClientSampleId :

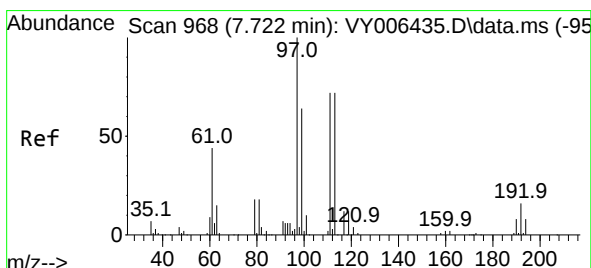
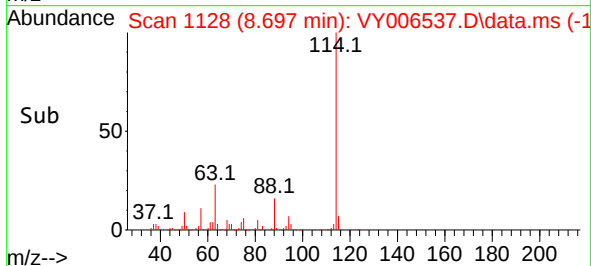
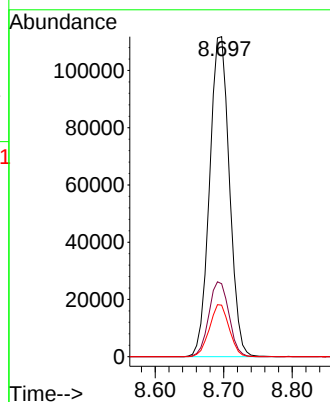
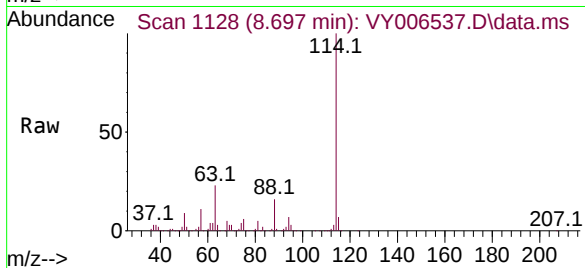
Tgt Ion:114 Resp: 224541

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.503 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006537.D

Acq: 29 Oct 2021 14:07

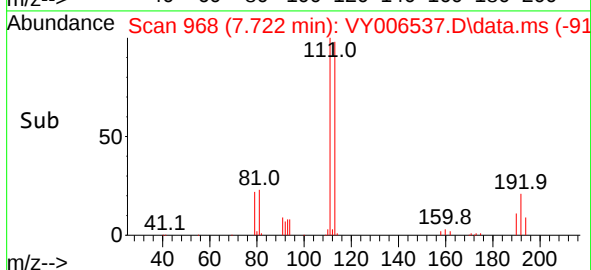
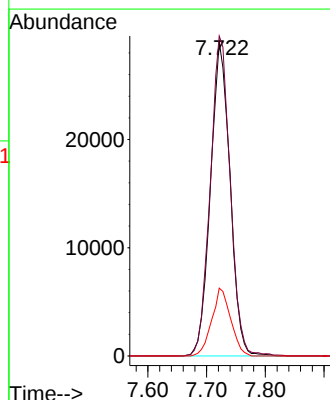
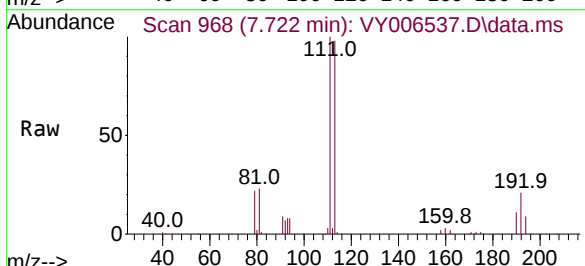
Tgt Ion:113 Resp: 66961

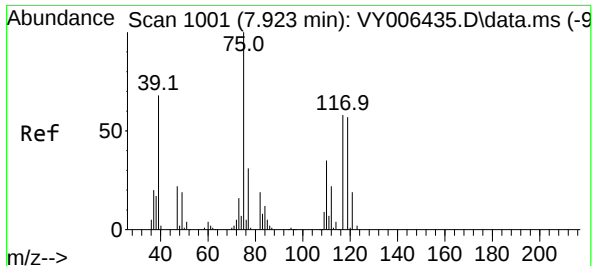
Ion Ratio Lower Upper

113 100

111 104.2 82.3 123.5

192 20.9 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.072 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY006537.D

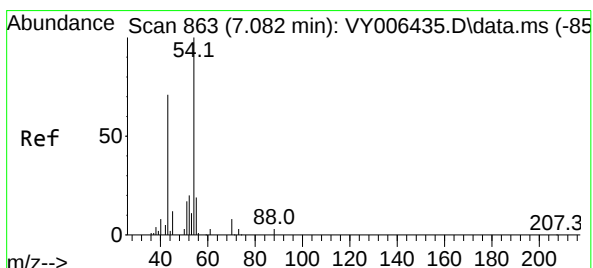
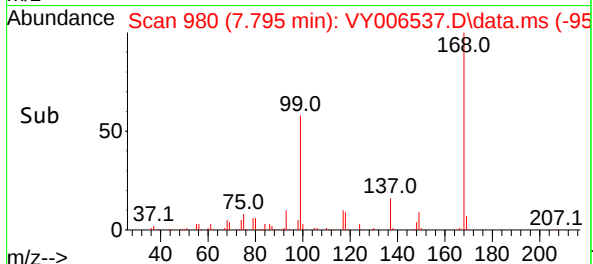
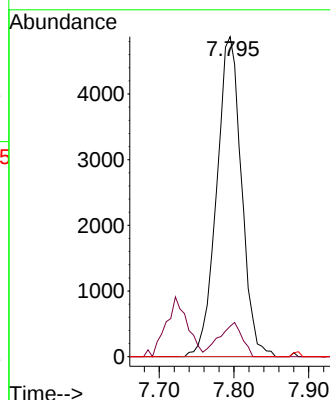
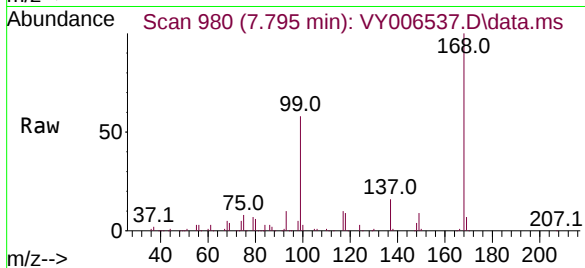
Acq: 29 Oct 2021 14:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 11252
Ion Ratio	Lower Upper
75 100	
110 10.0	17.1 51.3#
77 0.0	24.9 37.3#



#37

Ethyl Acetate

Concen: 3.466 ug/l

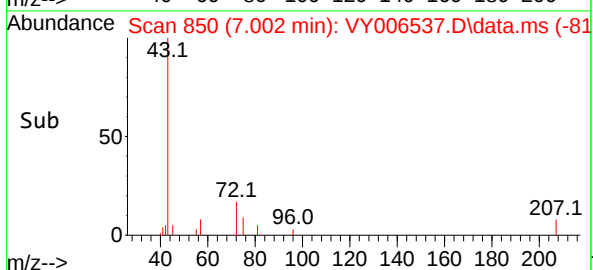
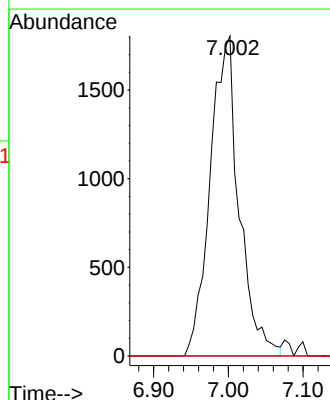
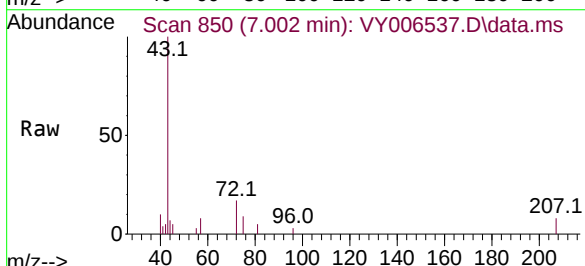
RT: 7.002 min Scan# 850

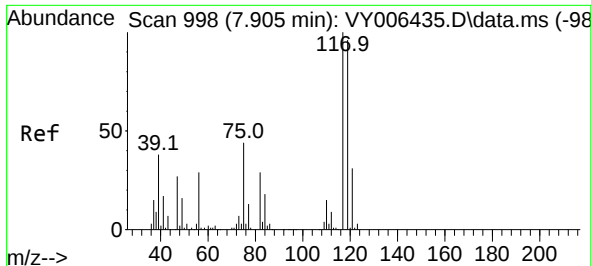
Delta R.T. -0.080 min

Lab File: VY006537.D

Acq: 29 Oct 2021 14:07

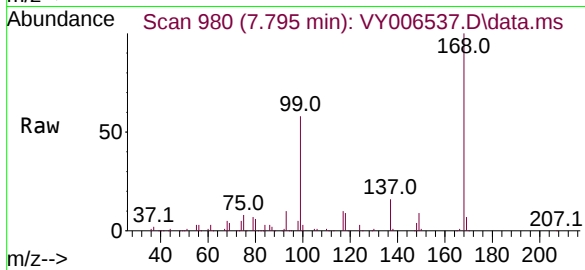
Tgt Ion: 43	Resp: 4866
Ion Ratio	Lower Upper
43 100	
61 0.0	9.4 14.2#
70 0.0	6.9 10.3#



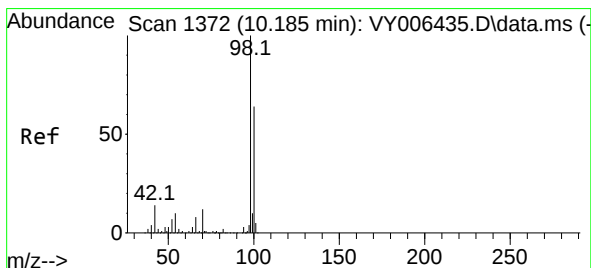
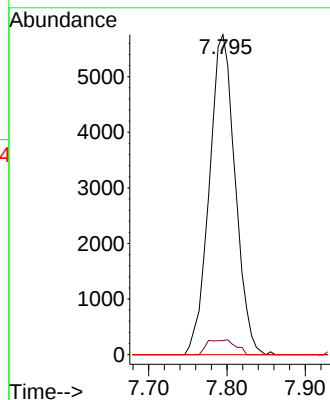
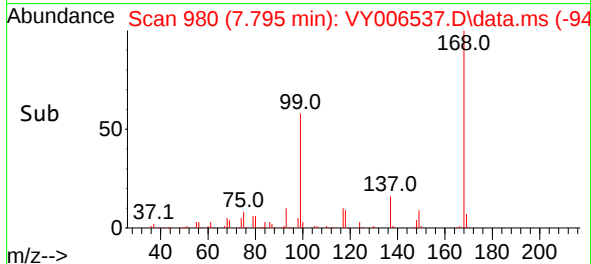


#38
Carbon Tetrachloride
Concen: 5.400 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

Instrument :
MSVOA_Y
ClientSampleId :

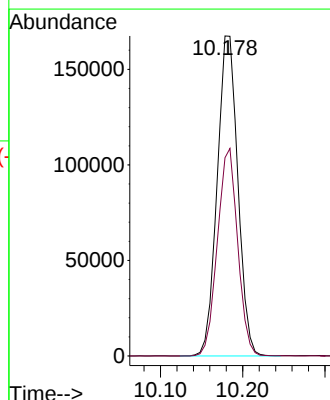
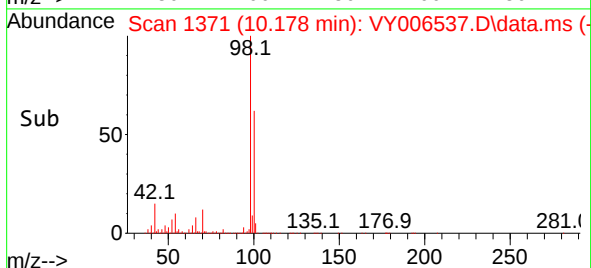
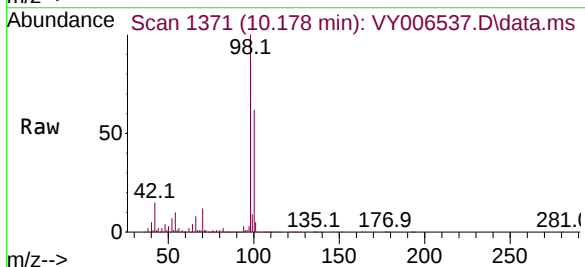


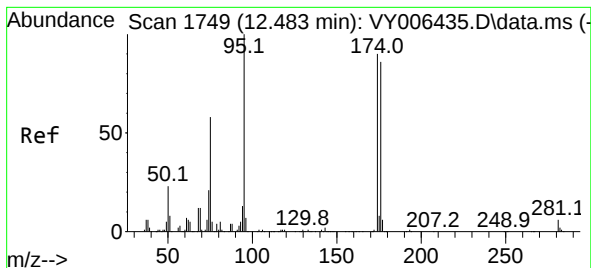
Tgt Ion:117 Resp: 13217
Ion Ratio Lower Upper
117 100
119 4.4 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.144 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

Tgt Ion: 98 Resp: 292559
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 56.229 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY006537.D

Acq: 29 Oct 2021 14:07

Instrument :

MSVOA_Y

ClientSampleId :

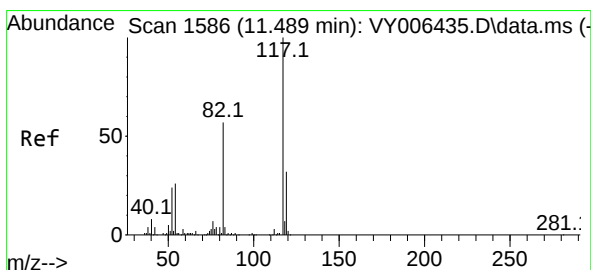
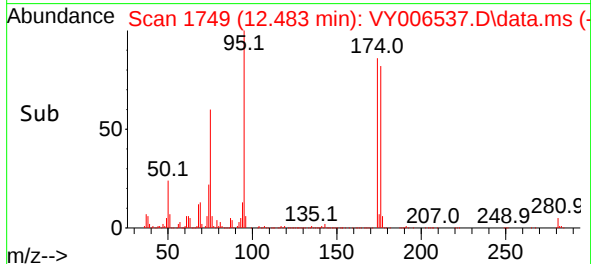
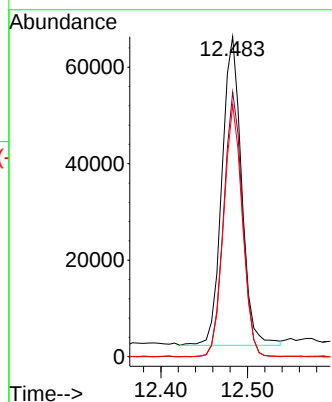
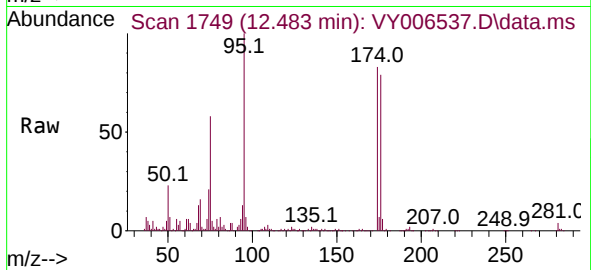
Tgt Ion: 95 Resp: 100492

Ion Ratio Lower Upper

95 100

174 82.1 0.0 177.0

176 78.1 0.0 169.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY006537.D

Acq: 29 Oct 2021 14:07

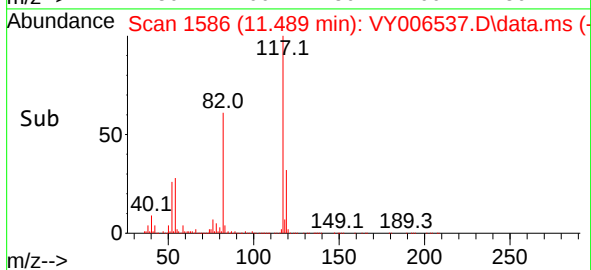
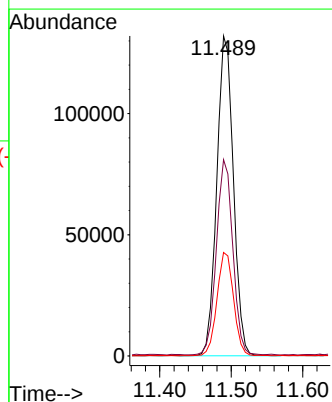
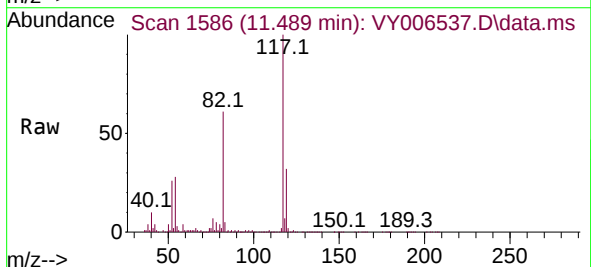
Tgt Ion: 117 Resp: 212509

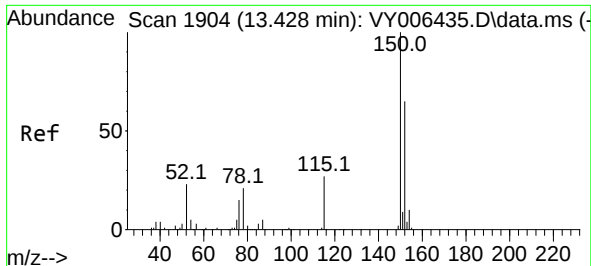
Ion Ratio Lower Upper

117 100

82 61.1 45.7 68.5

119 32.2 25.5 38.3

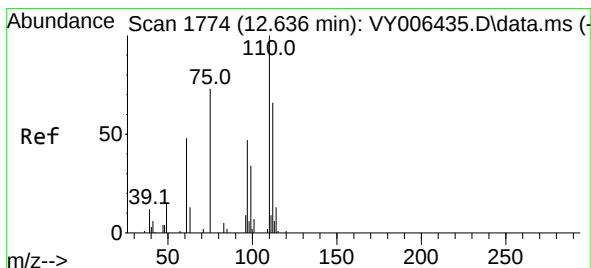
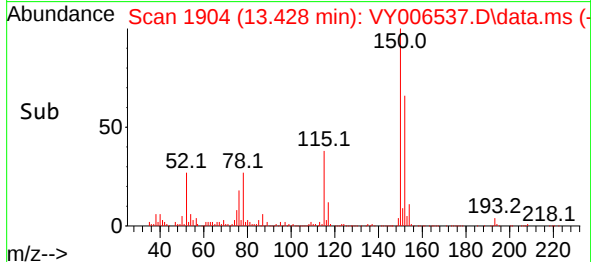
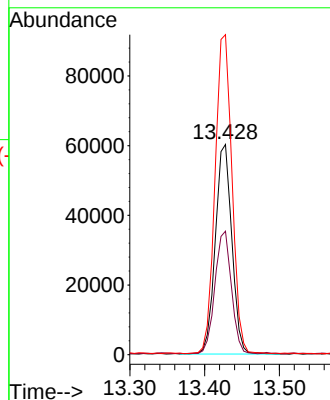
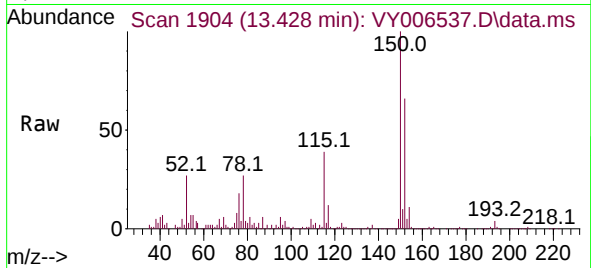




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006537.D
 Acq: 29 Oct 2021 14:07

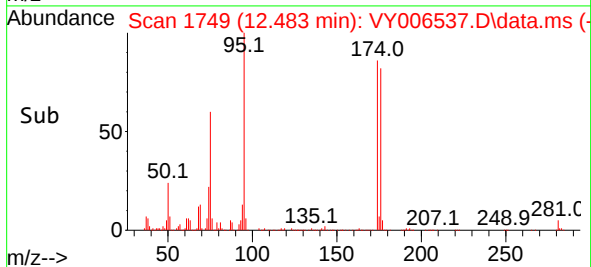
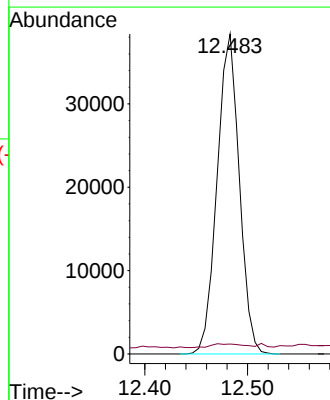
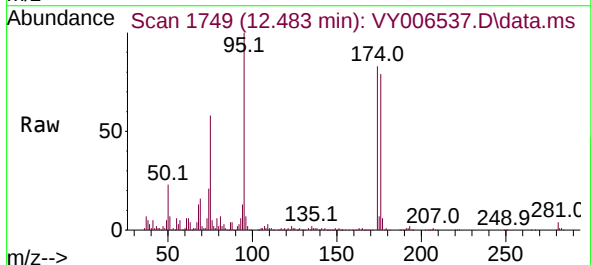
Instrument :
 MSVOA_Y
 ClientSampleId :

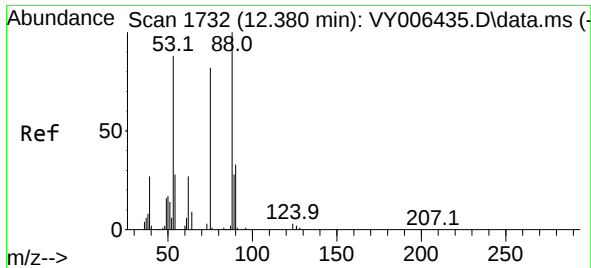
Tgt Ion:152 Resp: 92808
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.5 85.5
 150 155.7 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 60.031 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006537.D
 Acq: 29 Oct 2021 14:07

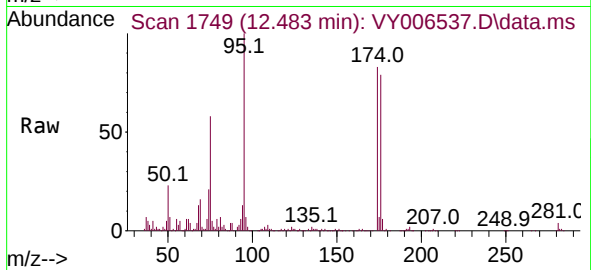
Tgt Ion: 75 Resp: 57411
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.241 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY006537.D
 Acq: 29 Oct 2021 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 57411
 Ion Ratio Lower Upper
 75 100
 53 0.5 85.8 128.6#
 89 0.3 39.3 58.9#

