

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005565.D
 Acq On : 06 Aug 2021 11:48
 Operator : SY/MD
 Sample : VY0806SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 07 06:16:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

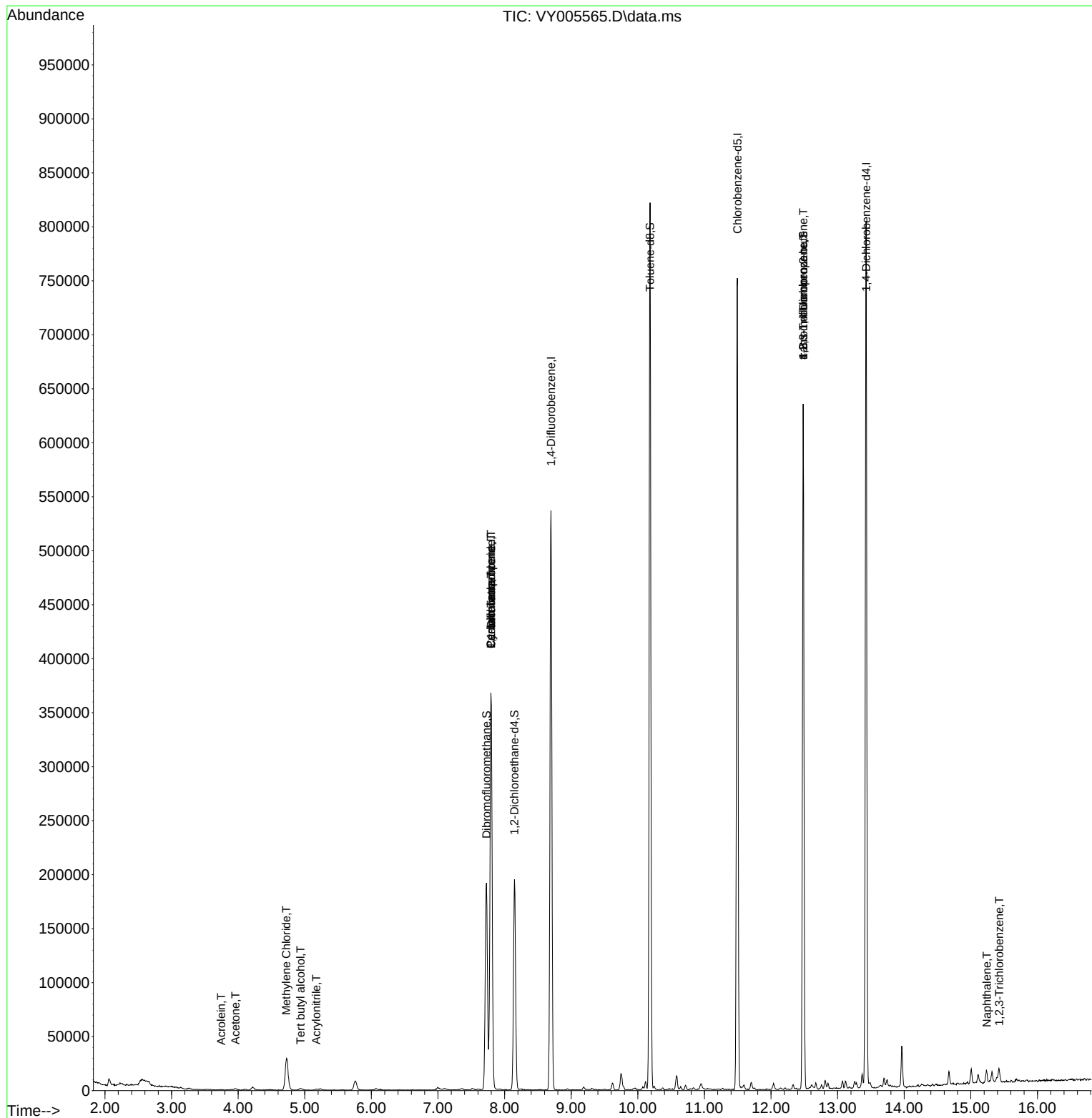
Internal Standards						
1) Pentafluorobenzene	7.795	168	306803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	459332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	407755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	206193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	155698	50.134	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.260%			
35) Dibromofluoromethane	7.728	113	132723	51.609	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.220%			
50) Toluene-d8	10.185	98	536499	49.743	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.483	95	178649	50.019	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.040%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	1930	6.286	ug/l #	73
13) Acrolein	3.747	56	215	1.161	ug/l #	80
15) Acrylonitrile	5.173	53	1140	1.319	ug/l #	95
16) Acetone	3.960	43	2256	2.881	ug/l	92
20) Methylene Chloride	4.722	84	22382	1.305	ug/l	91
31) Cyclohexane	7.795	56	6242	1.172	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	21300	4.944	ug/l #	49
38) Carbon Tetrachloride	7.795	117	27046	5.776	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	93129	43.584	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	93129	87.860	ug/l #	11
95) Naphthalene	15.239	128	8860	1.074	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	4180	1.127	ug/l	95

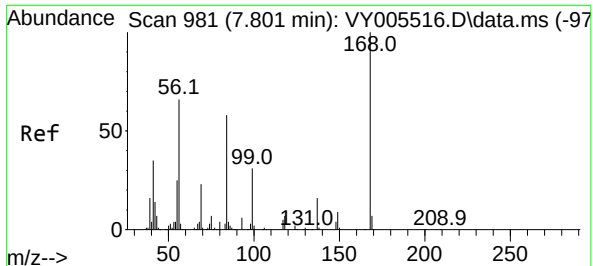
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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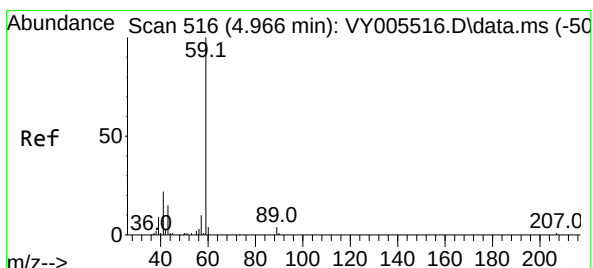
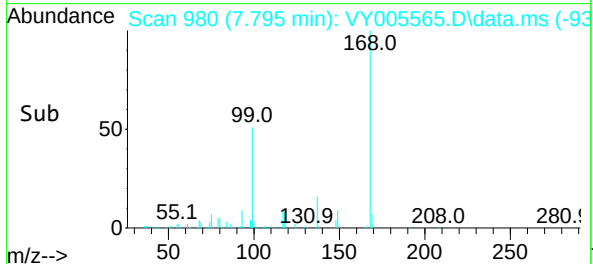
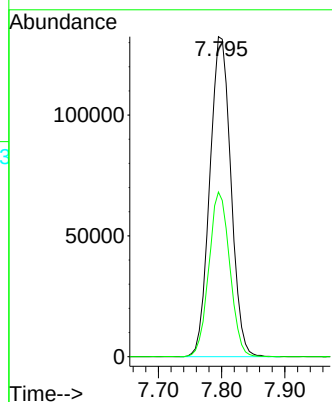
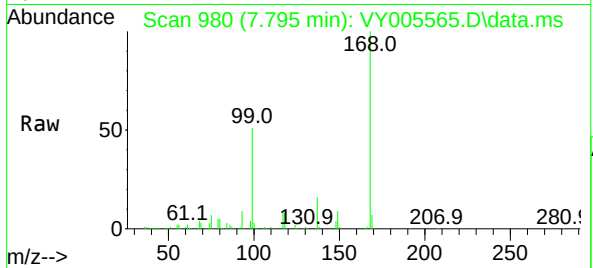




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

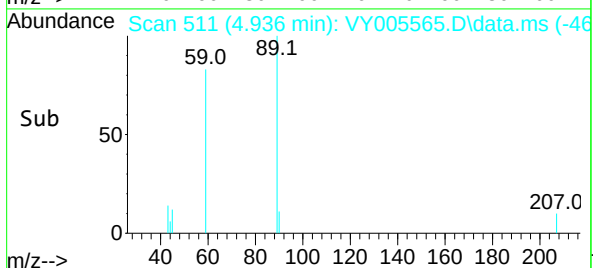
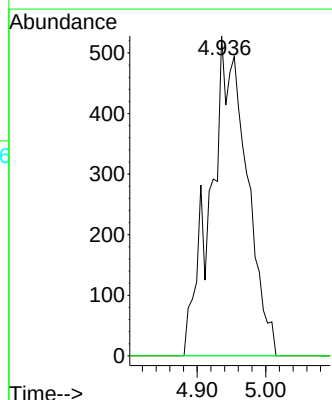
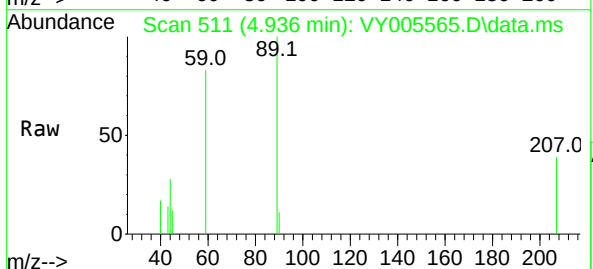
Instrument :
MSVOA_Y
ClientSampleId :

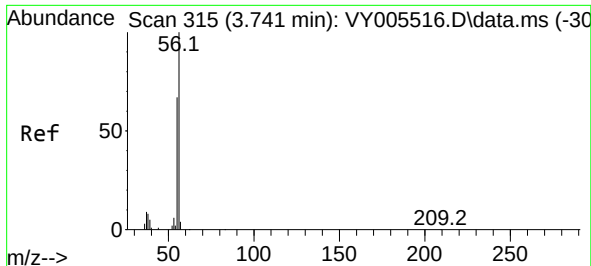
Tgt Ion:168 Resp: 306803
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 6.286 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

Tgt Ion: 59 Resp: 1930
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

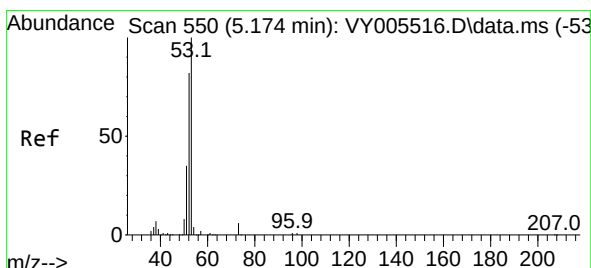
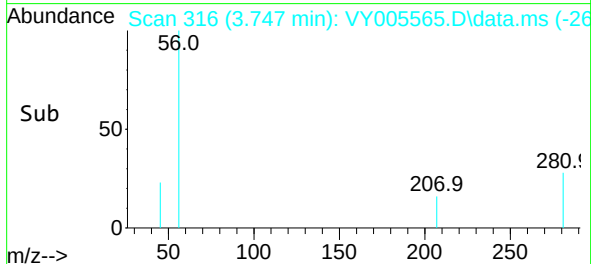
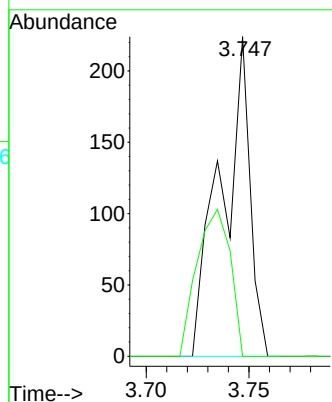
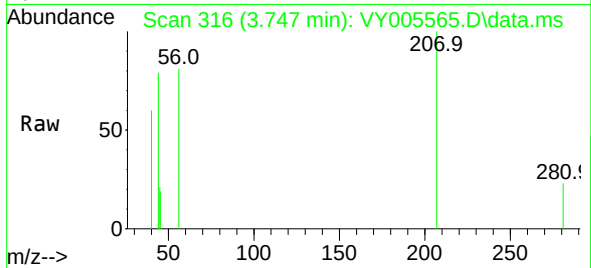




#13
Acrolein
Concen: 1.161 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

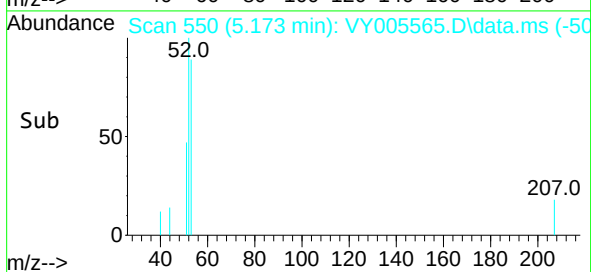
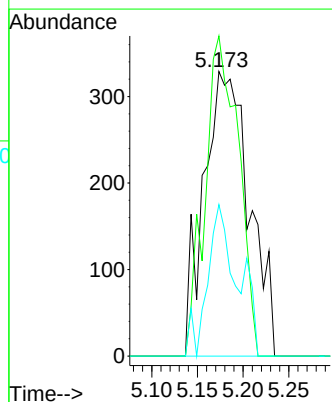
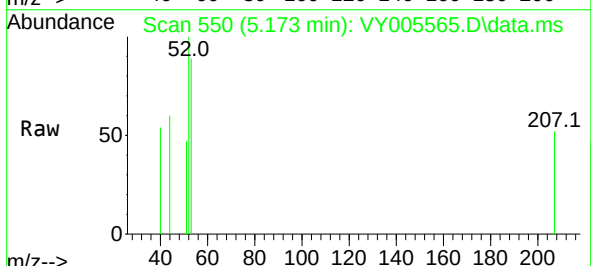
Instrument :
MSVOA_Y
ClientSampled :

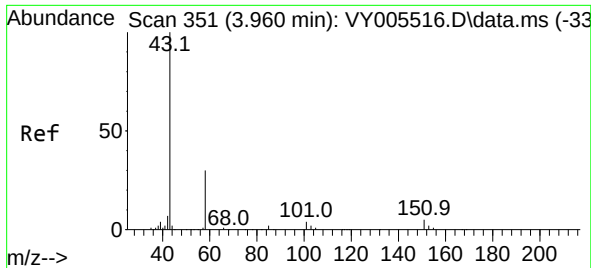
Tgt Ion: 56 Resp: 215
Ion Ratio Lower Upper
56 100
55 54.0 56.5 84.7#



#15
Acrylonitrile
Concen: 1.319 ug/l
RT: 5.173 min Scan# 550
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

Tgt Ion: 53 Resp: 1140
Ion Ratio Lower Upper
53 100
52 82.6 66.6 99.8
51 28.9 29.9 44.9#

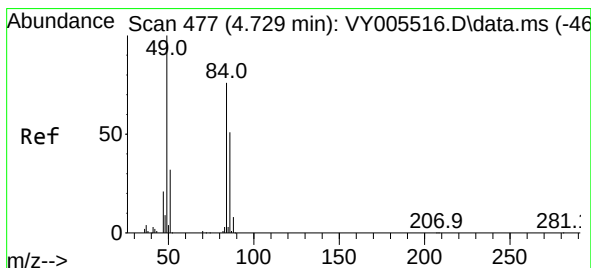
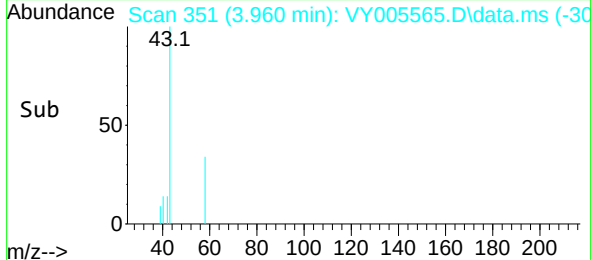
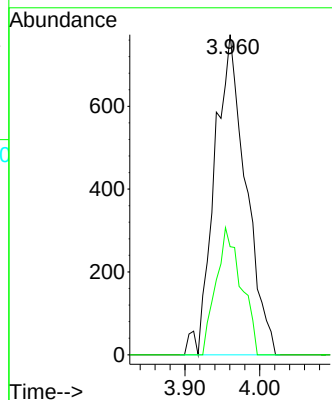
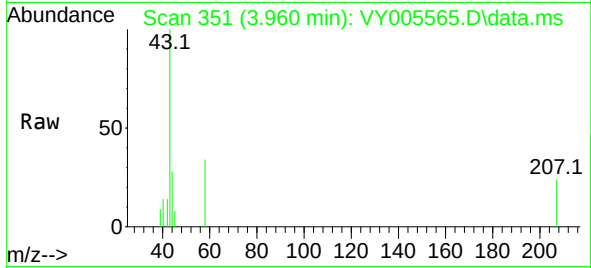




#16
Acetone
Concen: 2.881 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

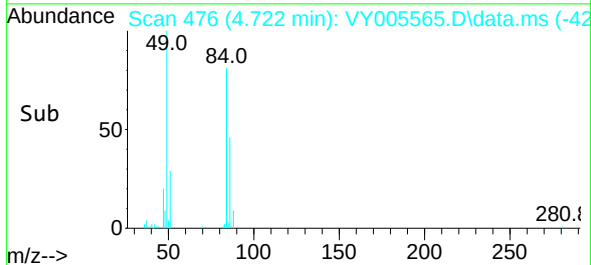
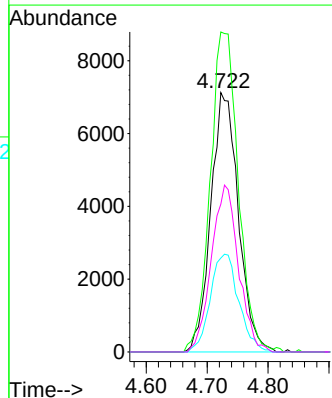
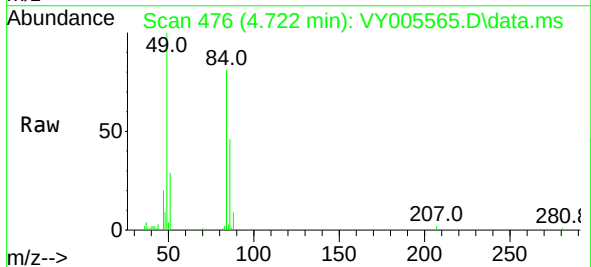
Instrument :
MSVOA_Y
ClientSampleId :

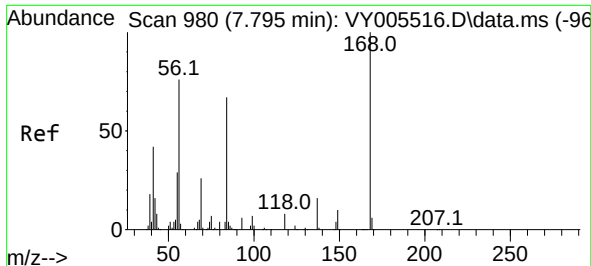
Tgt Ion: 43 Resp: 2256
Ion Ratio Lower Upper
43 100
58 33.8 23.8 35.6



#20
Methylene Chloride
Concen: 1.305 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

Tgt Ion: 84 Resp: 22382
Ion Ratio Lower Upper
84 100
49 123.4 105.8 158.6
51 36.2 33.4 50.2
86 57.0 54.2 81.4

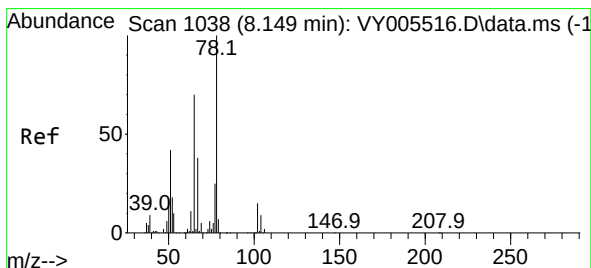
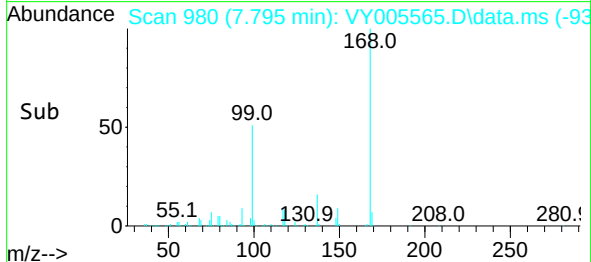
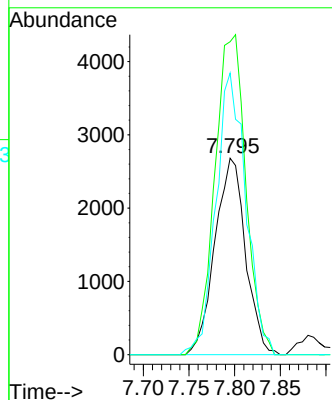
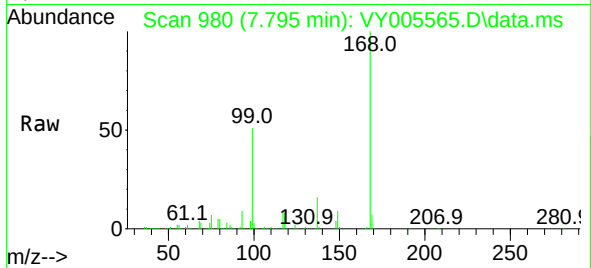




#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

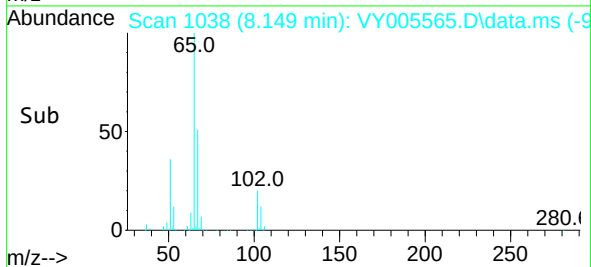
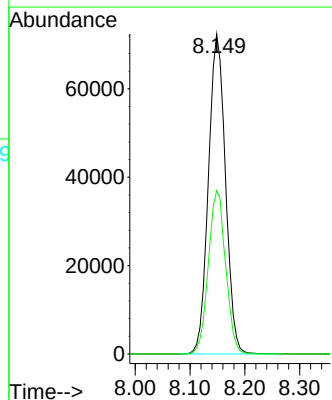
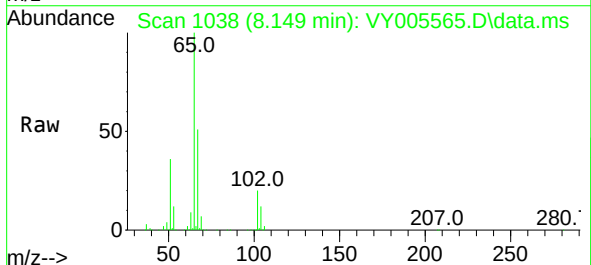
Instrument :
MSVOA_Y
ClientSampleId :

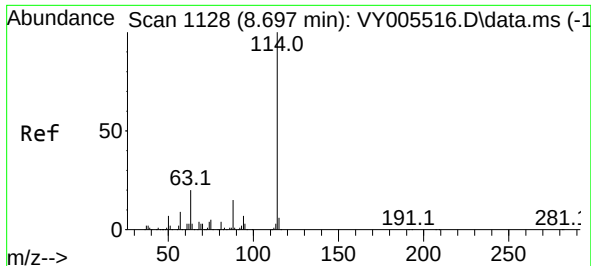
Tgt Ion: 56 Resp: 6242
Ion Ratio Lower Upper
56 100
69 159.2 27.7 41.5#
84 143.3 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 50.134 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

Tgt Ion: 65 Resp: 155698
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4

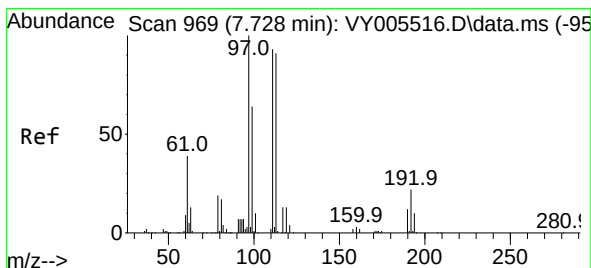
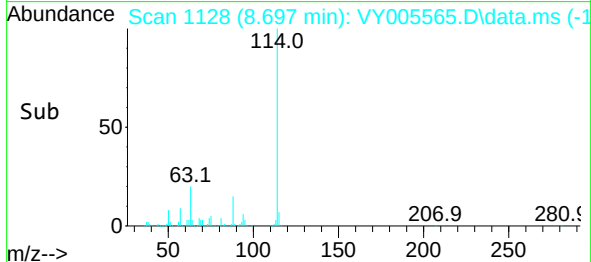
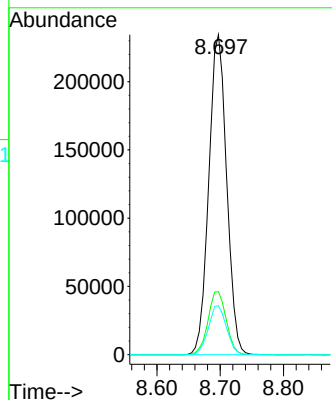
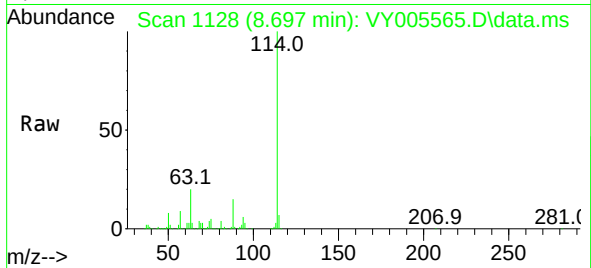




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

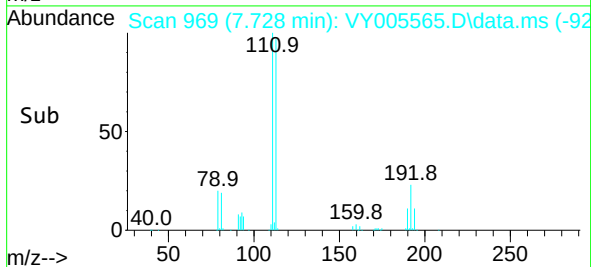
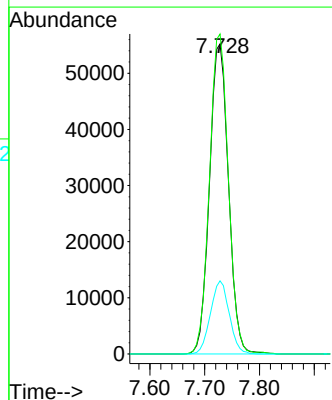
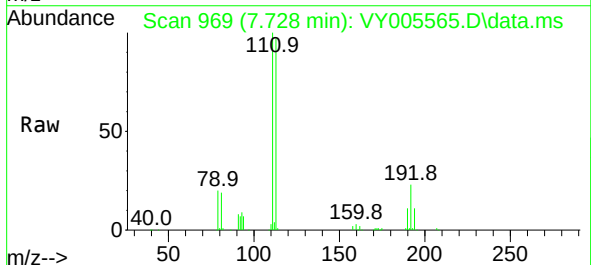
Instrument :
MSVOA_Y
ClientSampleId :

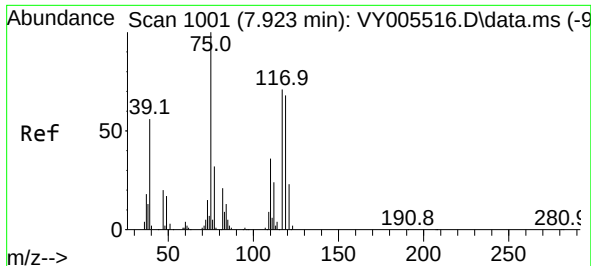
Tgt Ion:114 Resp: 459332
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.609 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

Tgt Ion:113 Resp: 132723
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 23.3 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.944 ug/l

RT: 7.795 min Scan# 980

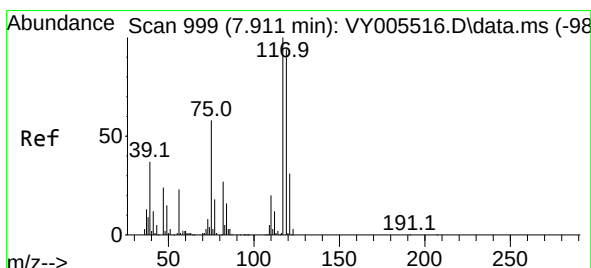
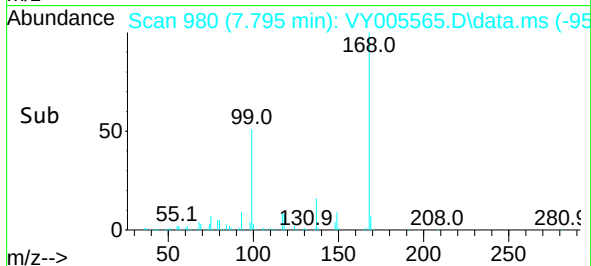
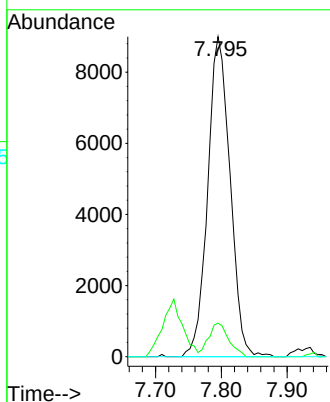
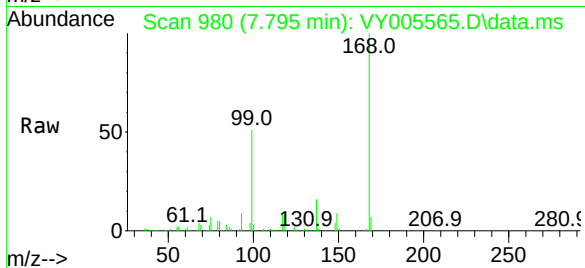
Delta R.T. -0.128 min

Lab File: VY005565.D

Acq: 06 Aug 2021 11:48

Tgt Ion:	75	Resp:	21300
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.776 ug/l

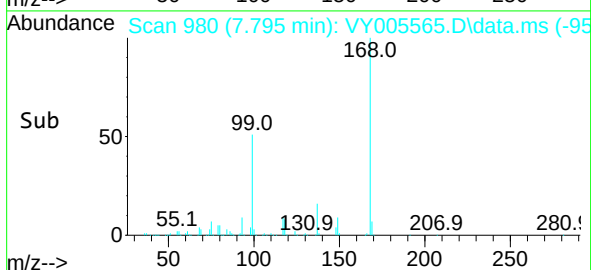
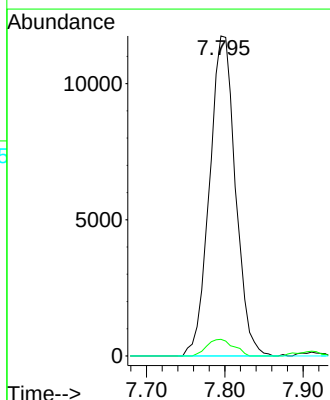
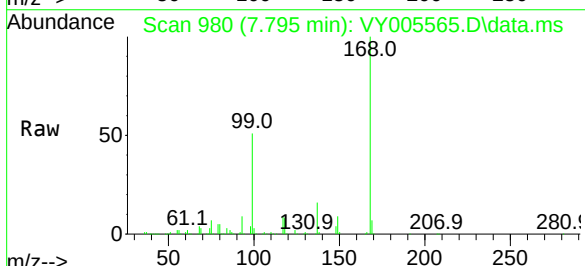
RT: 7.795 min Scan# 980

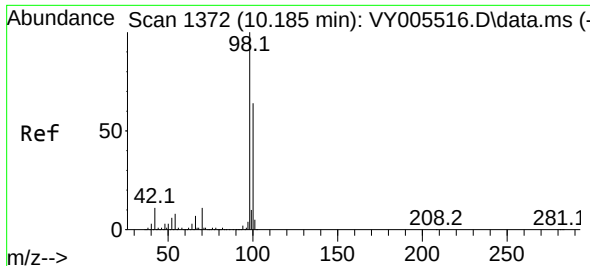
Delta R.T. -0.116 min

Lab File: VY005565.D

Acq: 06 Aug 2021 11:48

Tgt Ion:	117	Resp:	27046
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.4	113.0#
121	0.0	25.1	37.7#

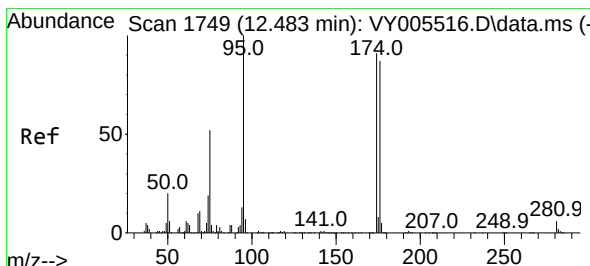
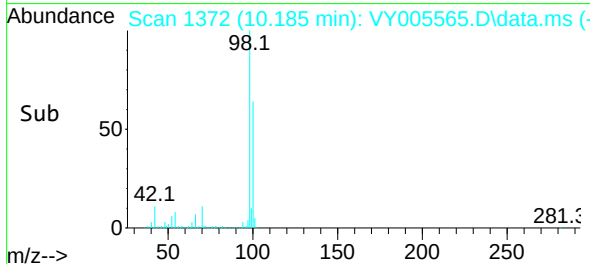
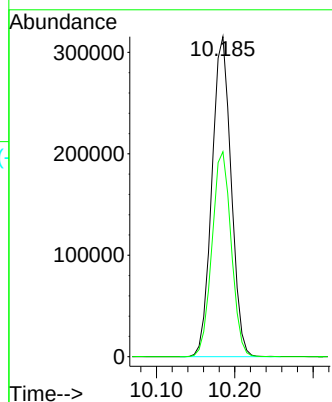
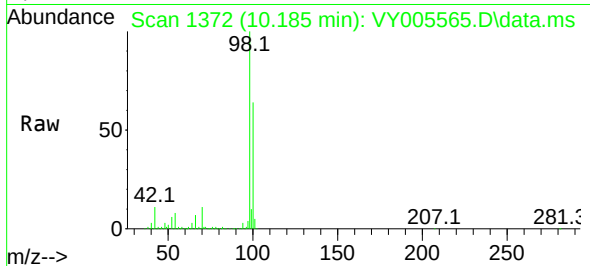




#50
Toluene-d8
Concen: 49.743 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

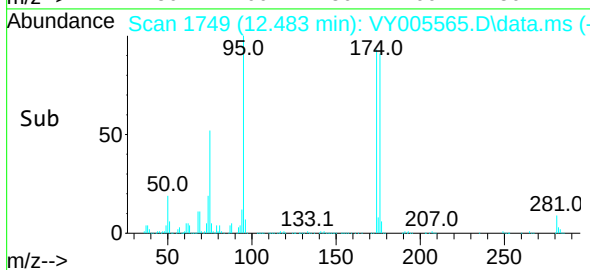
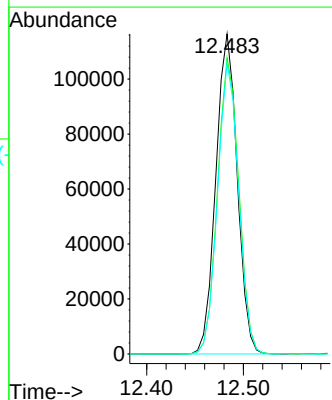
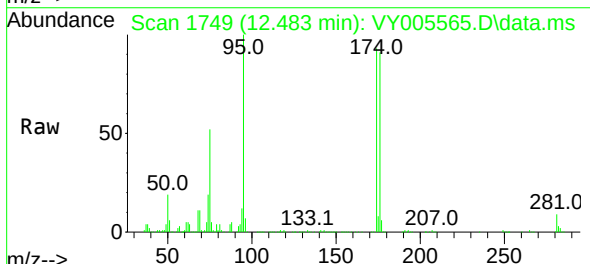
Instrument :
MSVOA_Y
ClientSampled :

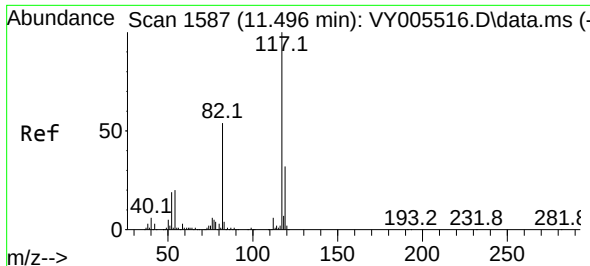
Tgt Ion: 98 Resp: 536499
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 50.019 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

Tgt Ion: 95 Resp: 178649
Ion Ratio Lower Upper
95 100
174 92.4 0.0 191.4
176 89.6 0.0 183.6

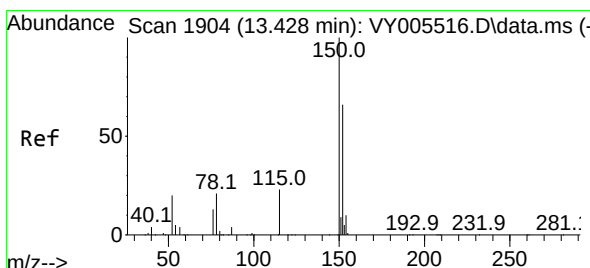
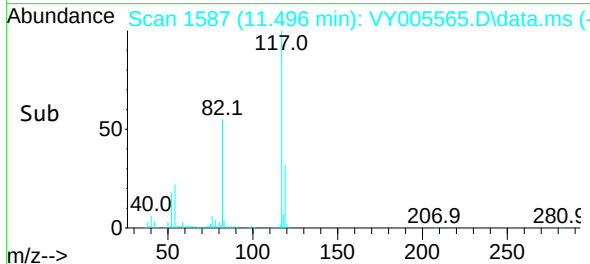
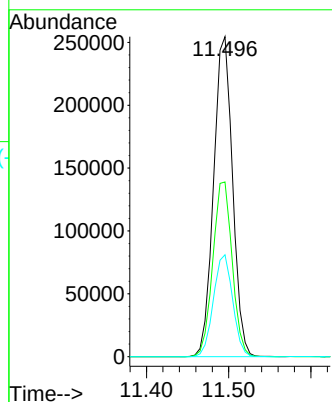
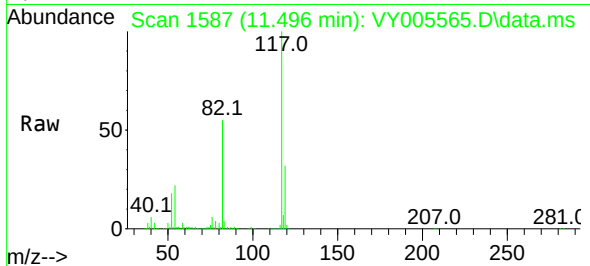




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

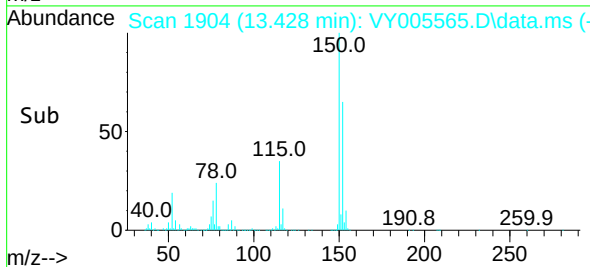
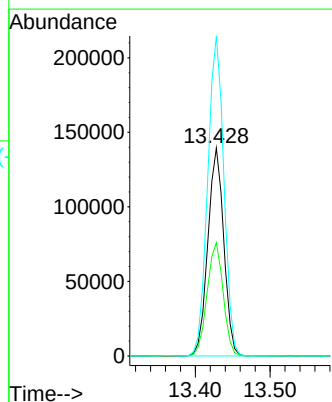
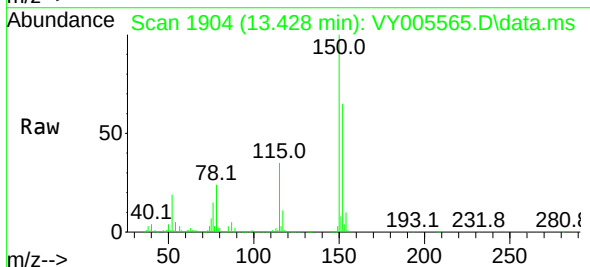
Instrument :
MSVOA_Y
ClientSampleId :

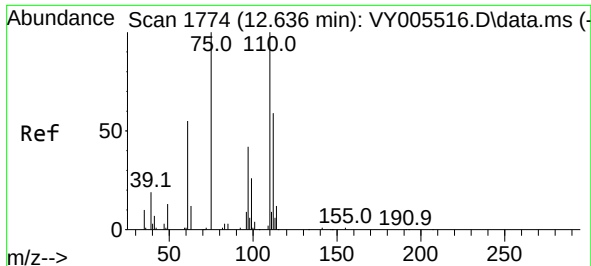
Tgt Ion:117 Resp: 407755
Ion Ratio Lower Upper
117 100
82 54.6 43.5 65.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

Tgt Ion:152 Resp: 206193
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 156.3 0.0 350.2

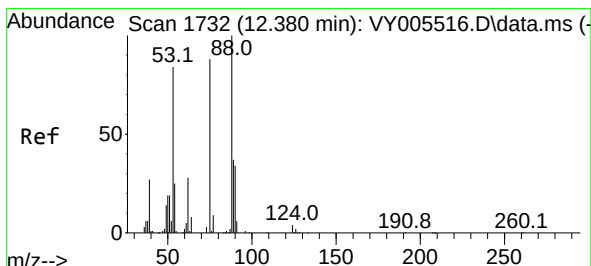
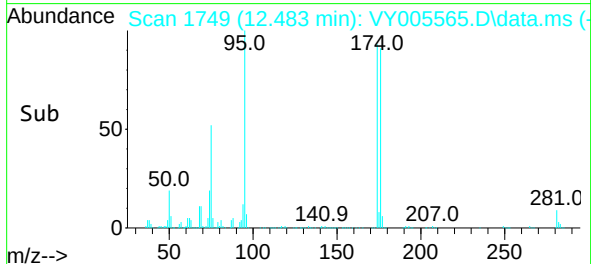
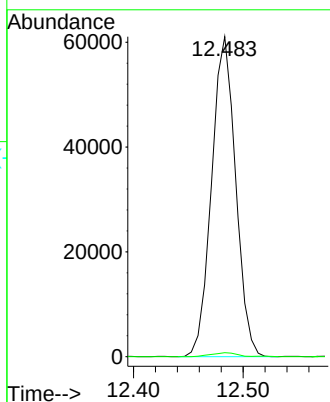
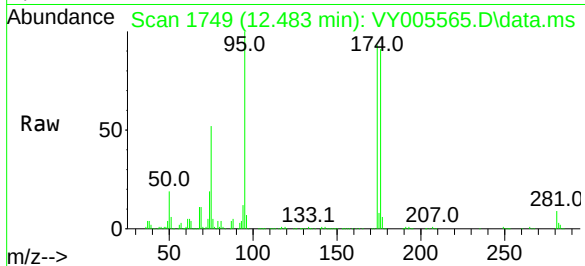




#76
1,2,3-Trichloropropane
Concen: 43.584 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

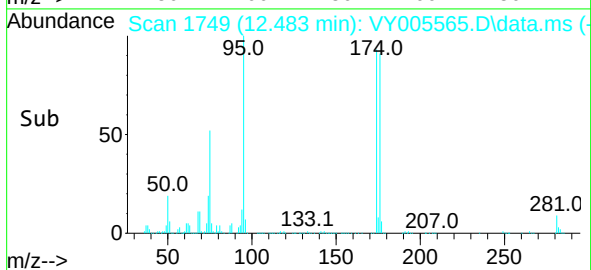
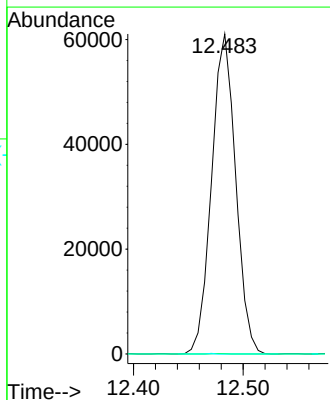
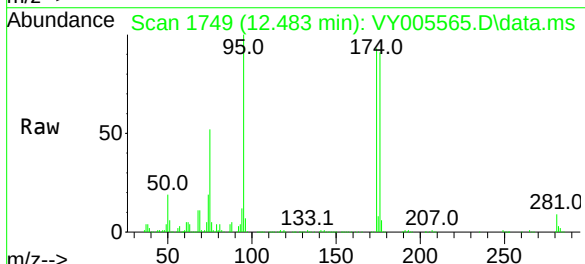
Instrument :
MSVOA_Y
ClientSampleId :

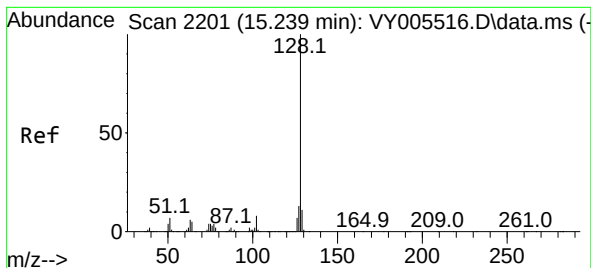
Tgt Ion: 75 Resp: 93129
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.860 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

Tgt Ion: 75 Resp: 93129
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

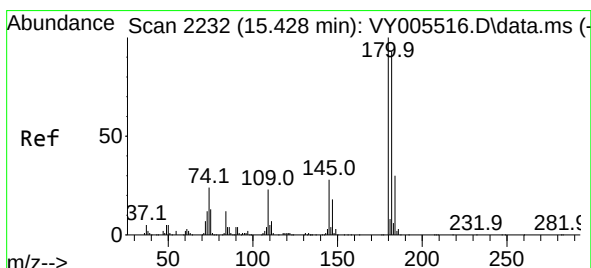
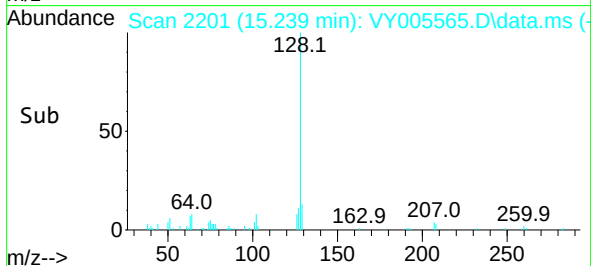
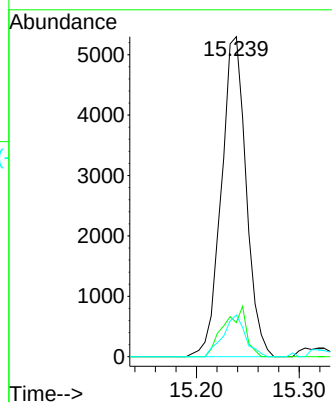
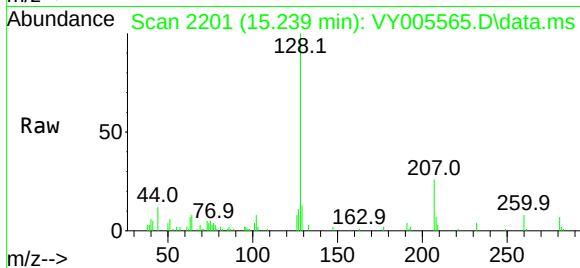




#95
Naphthalene
Concen: 1.074 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	128	Resp:	8860
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.6	15.8
129	11.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.127 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY005565.D
Acq: 06 Aug 2021 11:48

Tgt Ion:	180	Resp:	4180
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.9	143.6
145	35.2	14.6	44.0

