

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004567.D
 Acq On : 21 Apr 2021 19:39
 Operator : SY/MD
 Sample : M2090-15RE
 Misc : 6.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 11:21:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

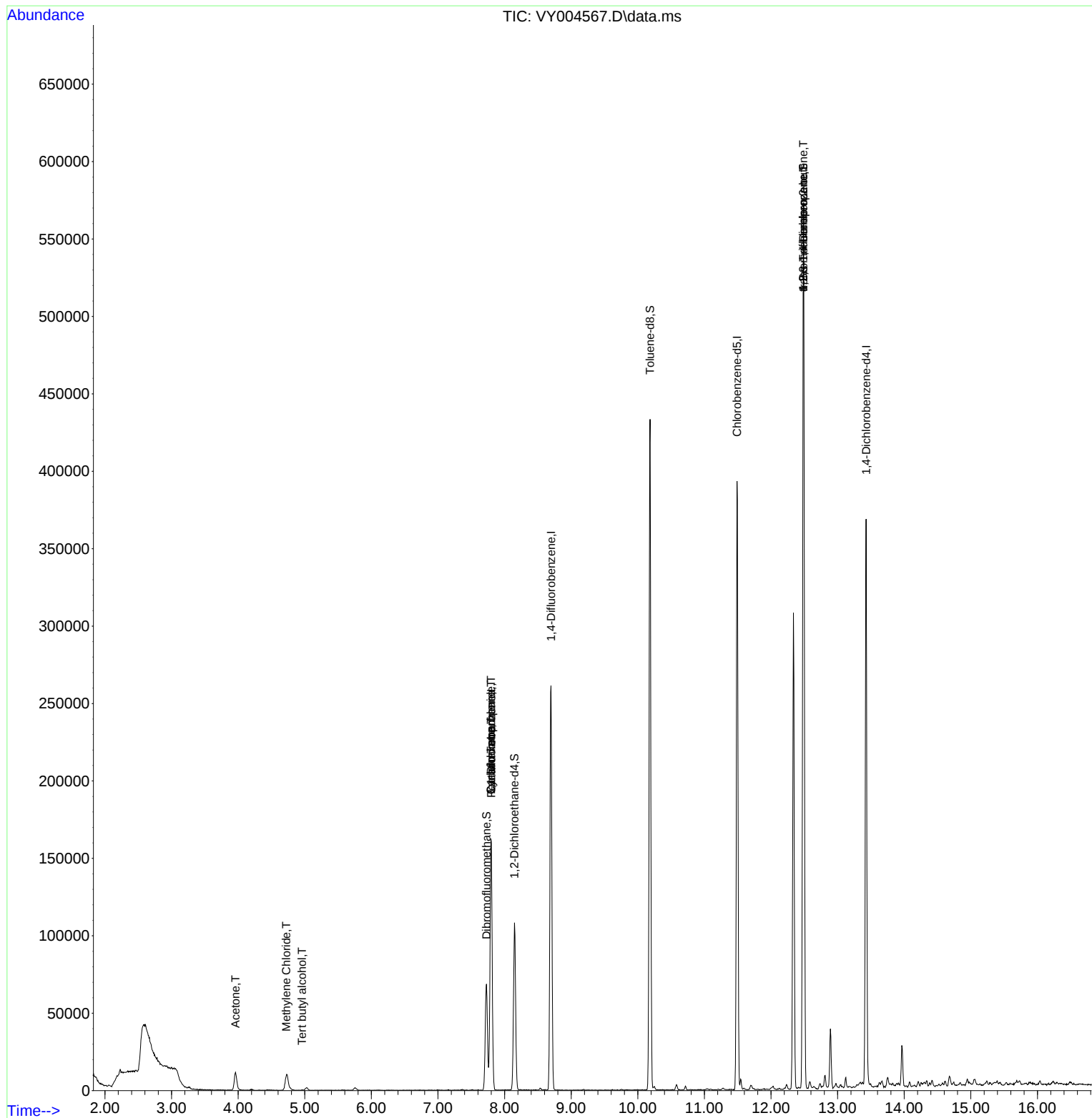
Internal Standards						
1) Pentafluorobenzene	7.801	168	122778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81837	59.99	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.98%			
35) Dibromofluoromethane	7.728	113	47035	38.92	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 77.84%			
50) Toluene-d8	10.185	98	269043	52.34	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.68%			
62) 4-Bromofluorobenzene	12.483	95	91140	52.25	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.50%			
Target Compounds						
11) Tert butyl alcohol	4.960	59	297	2.21	ug/l #	73
16) Acetone	3.960	43	20440	55.64	ug/l	93
20) Methylene Chloride	4.722	84	7159	5.43	ug/l	89
31) Cyclohexane	7.795	56	3135	1.25	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	9966	4.61	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12304	6.58	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	54369	58.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54369	105.46	ug/l #	13

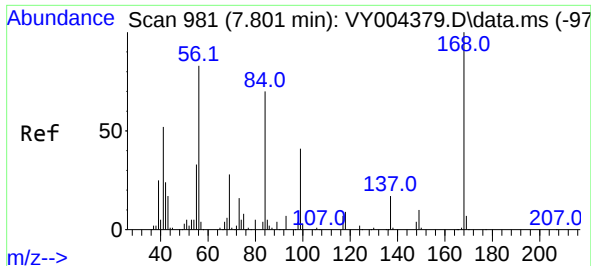
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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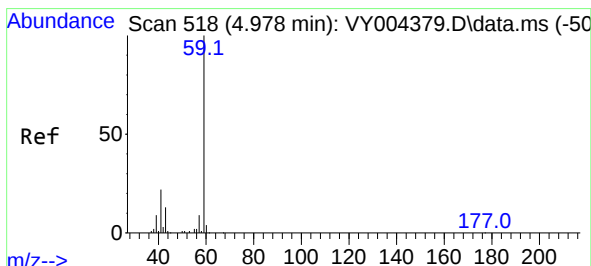
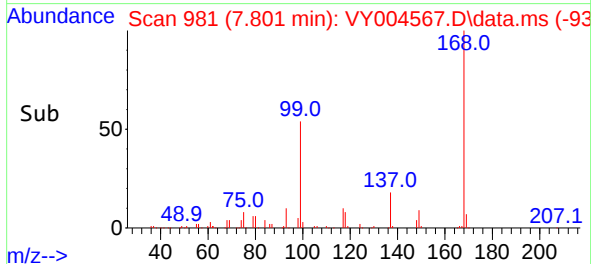
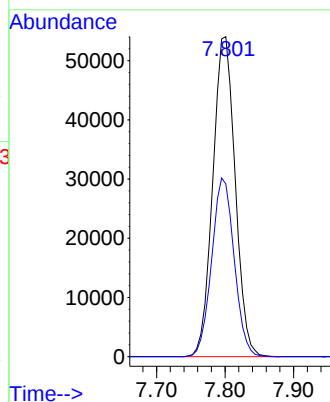
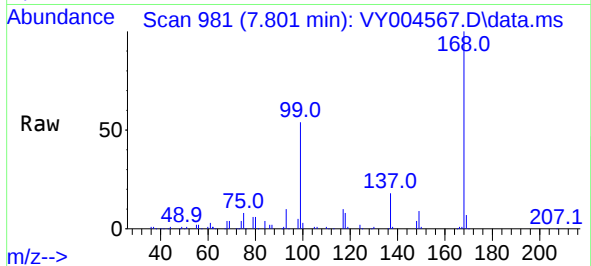




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

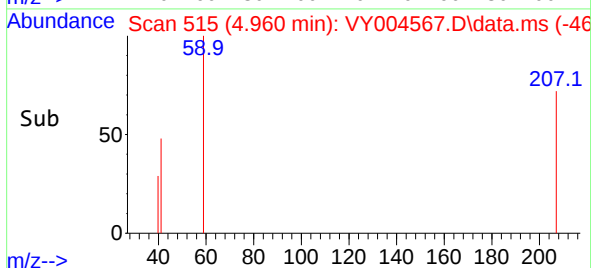
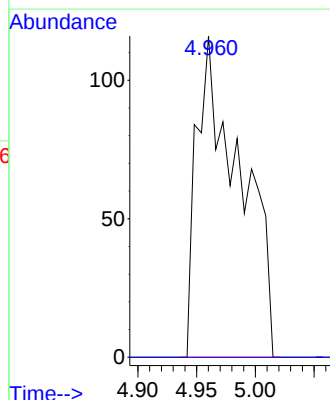
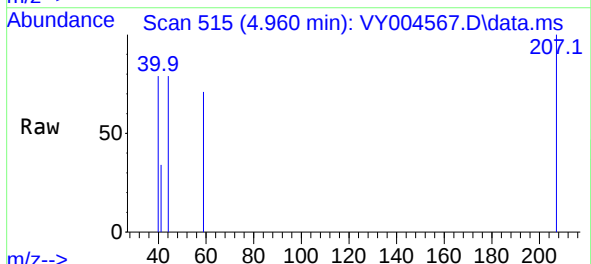
Instrument :
MSVOA_Y
ClientSampleId :

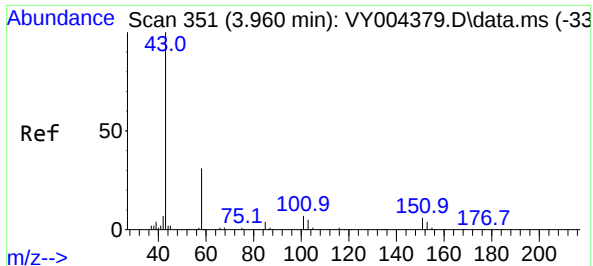
Tgt Ion:168 Resp: 122778
Ion Ratio Lower Upper
168 100
99 54.0 45.5 68.3



#11
Tert butyl alcohol
Concen: 2.21 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

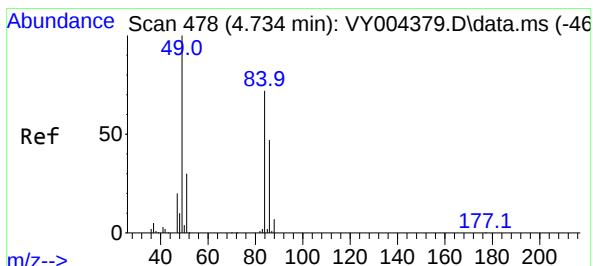
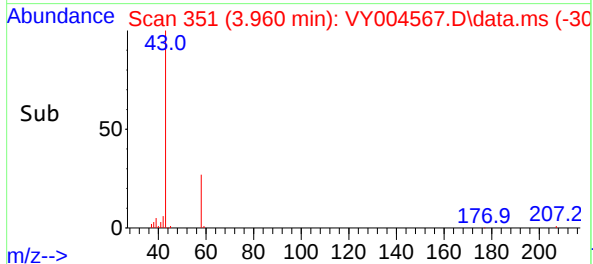
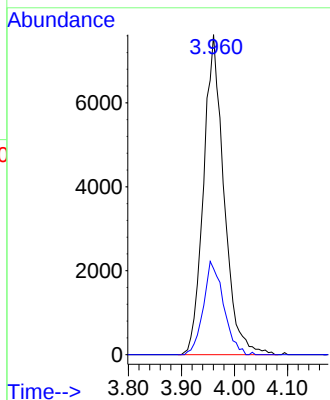
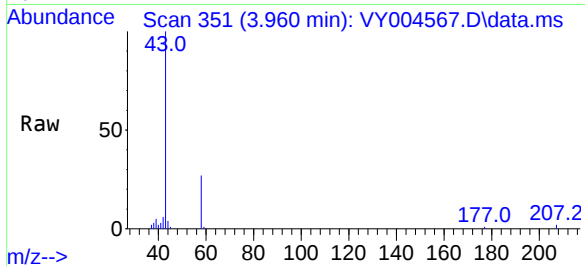




#16
Acetone
Concen: 55.64 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

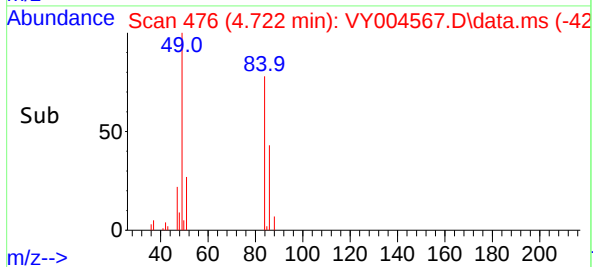
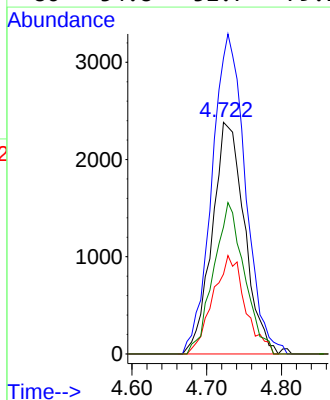
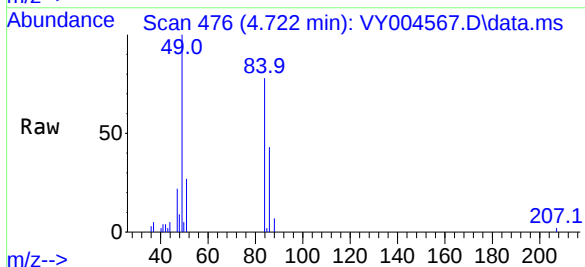
Instrument :
MSVOA_Y
ClientSampled :

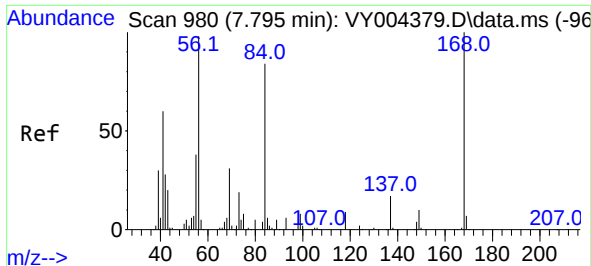
Tgt Ion: 43 Resp: 20440
Ion Ratio Lower Upper
43 100
58 26.9 24.6 37.0



#20
Methylene Chloride
Concen: 5.43 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

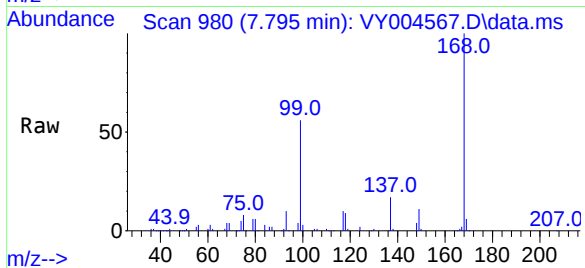
Tgt Ion: 84 Resp: 7159
Ion Ratio Lower Upper
84 100
49 127.7 111.2 166.8
51 34.5 33.4 50.2
86 54.8 52.7 79.1



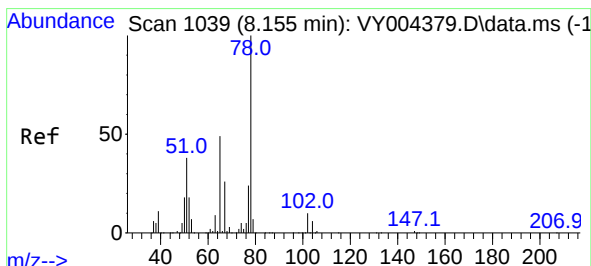
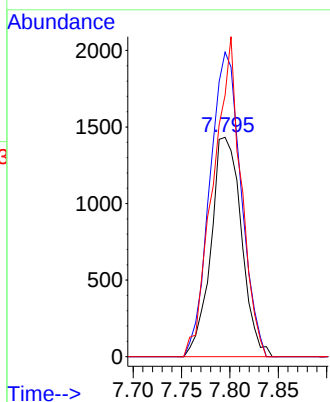
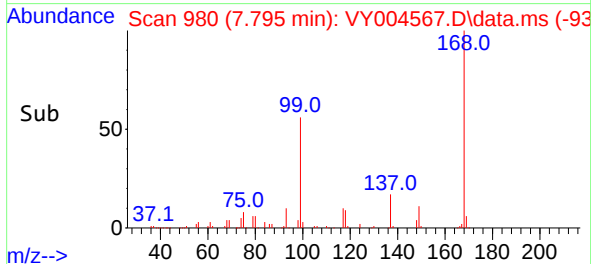


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

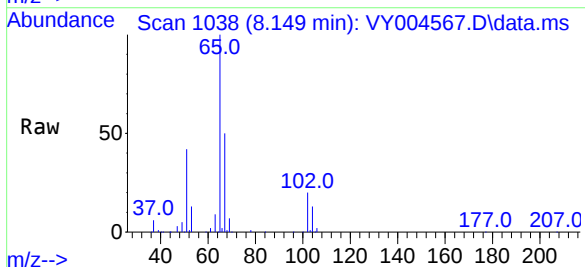
Instrument :
MSVOA_Y
ClientSampleId :



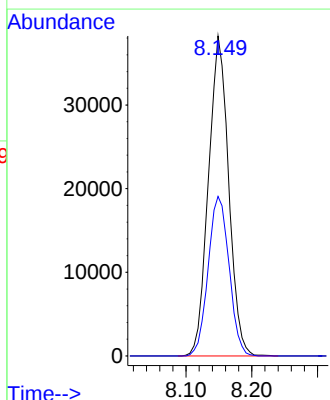
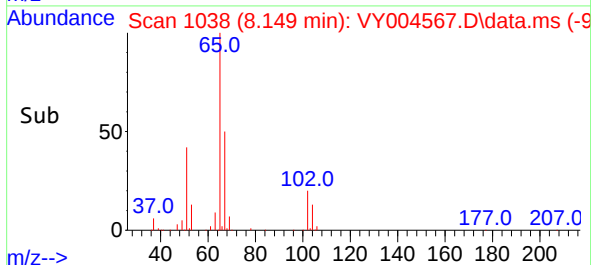
Tgt Ion: 56 Resp: 3135
Ion Ratio Lower Upper
56 100
69 138.8 25.8 38.6#
84 119.2 68.2 102.4#

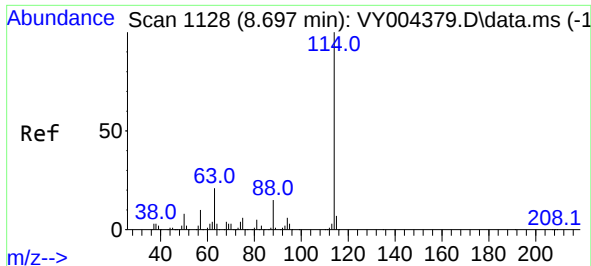


#33
1,2-Dichloroethane-d4
Concen: 59.99 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39



Tgt Ion: 65 Resp: 81837
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.4

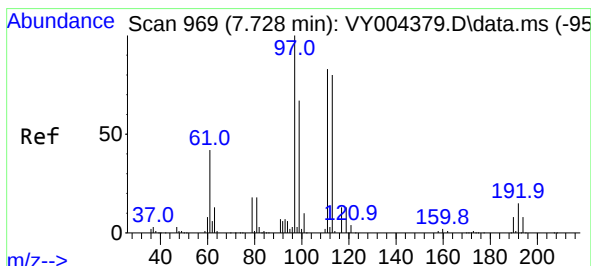
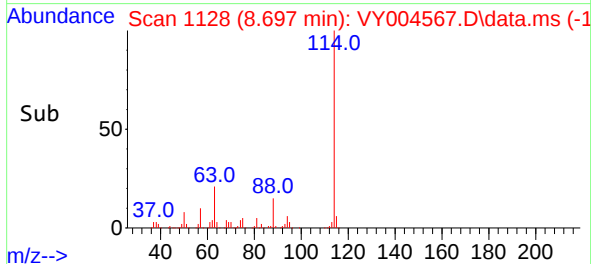
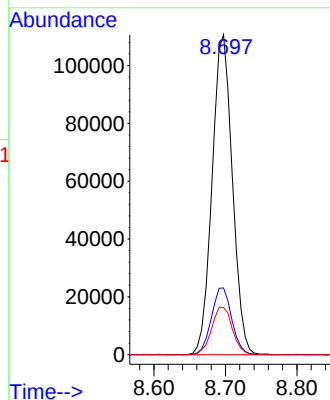
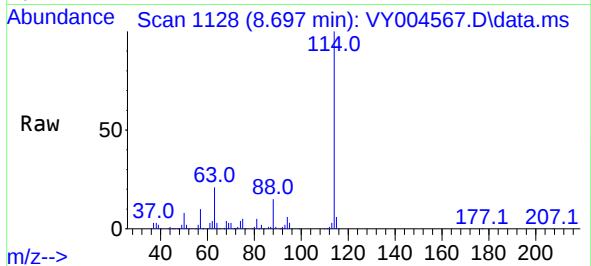




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

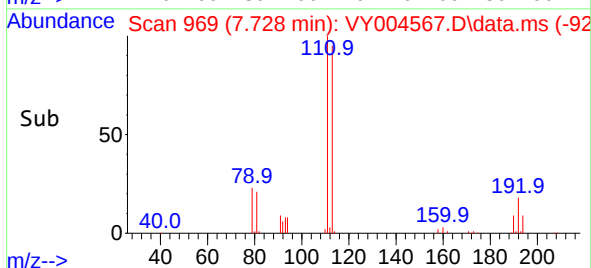
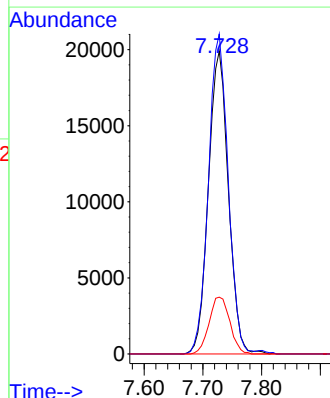
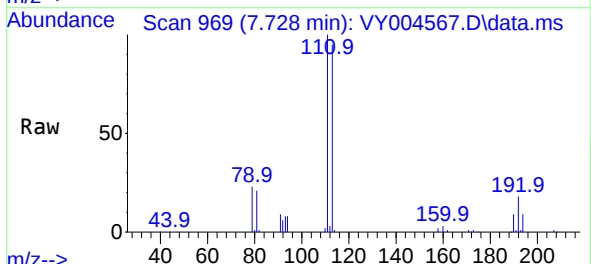
Instrument :
MSVOA_Y
ClientSampleId :

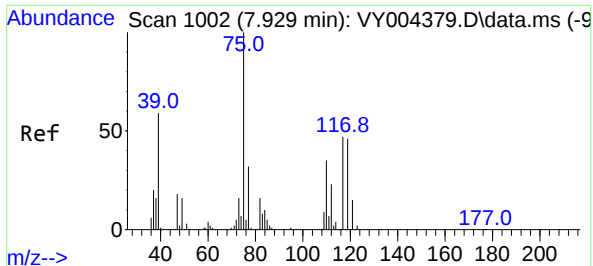
Tgt Ion:114 Resp: 217774
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 14.8 0.0 30.8



#35
Dibromofluoromethane
Concen: 38.92 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

Tgt Ion:113 Resp: 47035
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 19.4 16.1 24.1

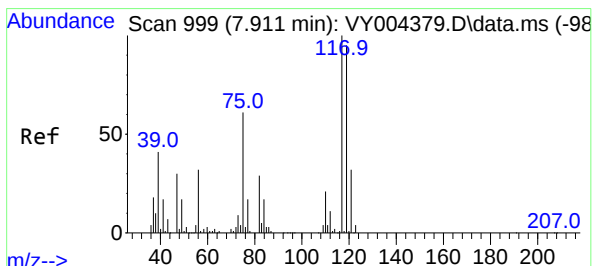
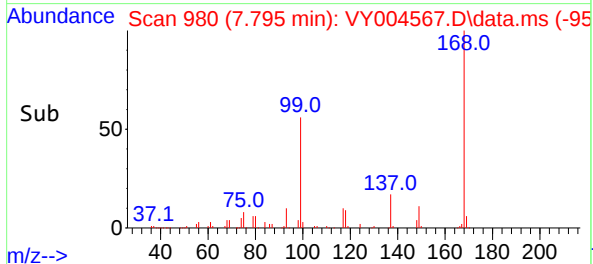
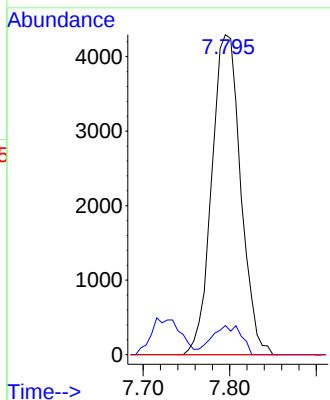
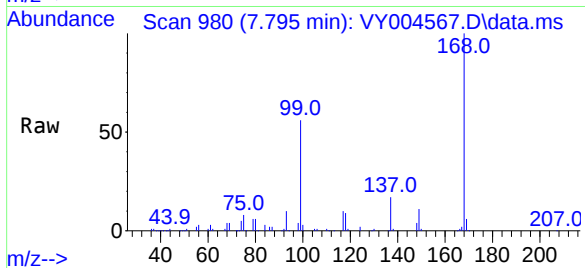




#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

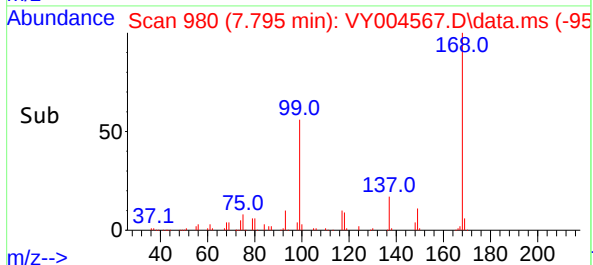
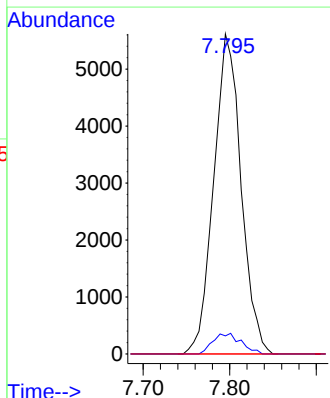
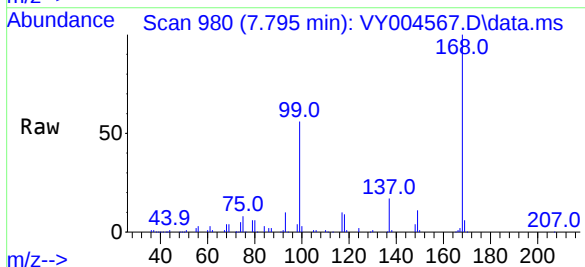
Instrument :
MSVOA_Y
ClientSampleId :

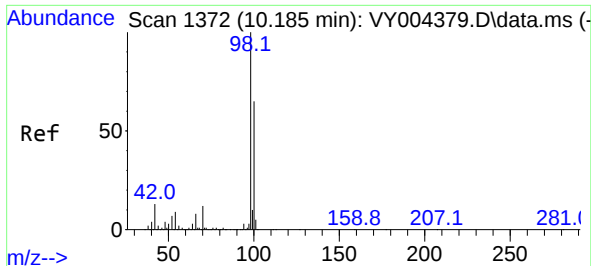
Tgt Ion:	75	Resp:	9966
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.3	51.7#
77	0.0	24.3	36.5#



#38
Carbon Tetrachloride
Concen: 6.58 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

Tgt Ion:	117	Resp:	12304
Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.8	113.8#
121	0.0	25.3	37.9#

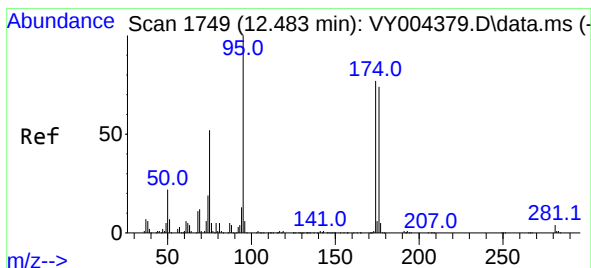
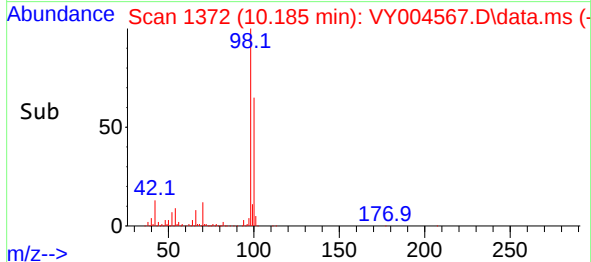
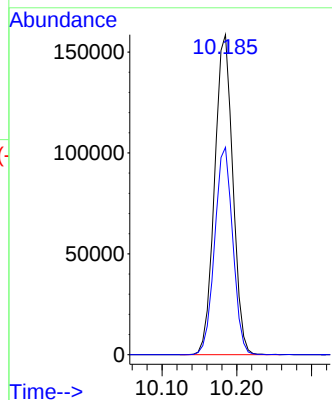
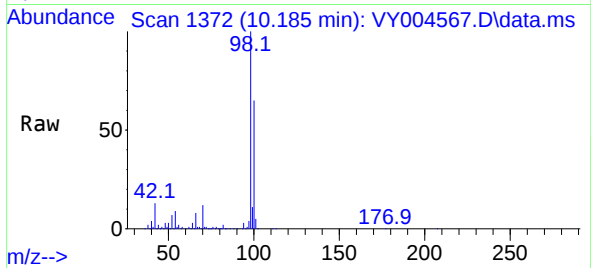




#50
Toluene-d8
Concen: 52.34 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

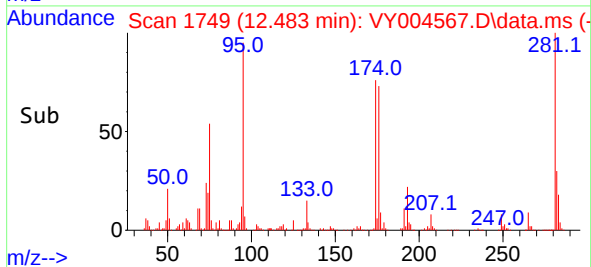
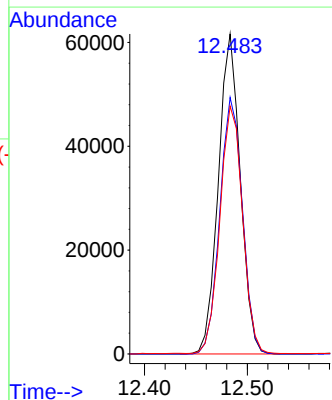
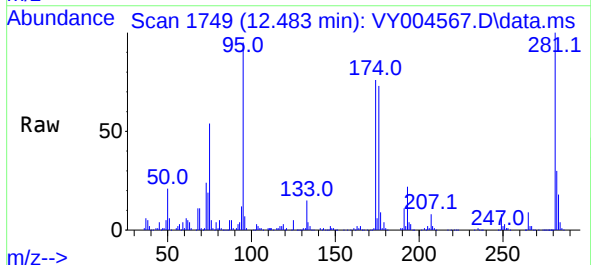
Instrument :
MSVOA_Y
ClientSampled :

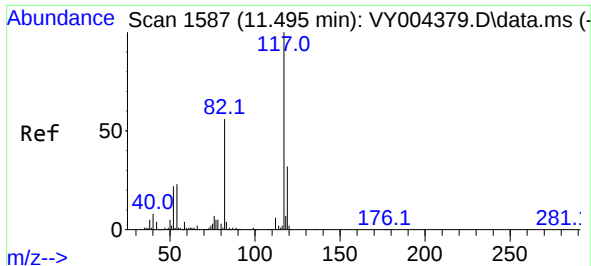
Tgt Ion: 98 Resp: 269043
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

Tgt Ion: 95 Resp: 91140
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 80.2 0.0 156.0

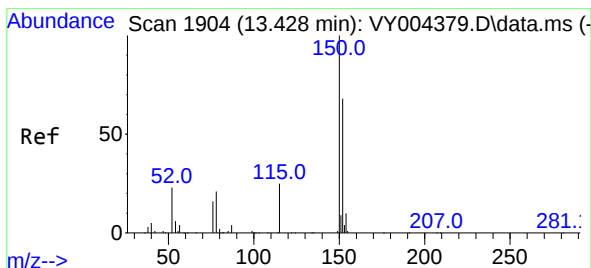
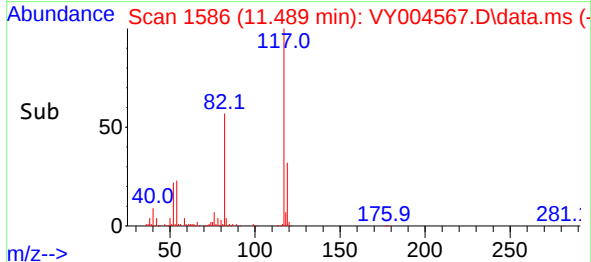
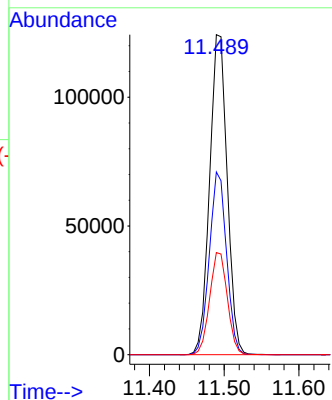
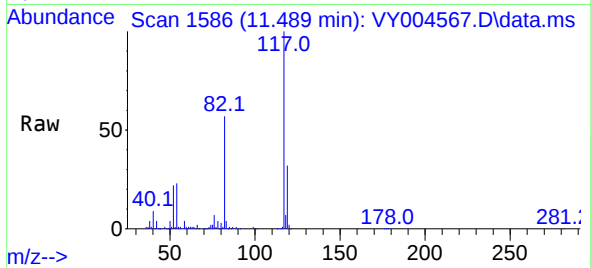




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

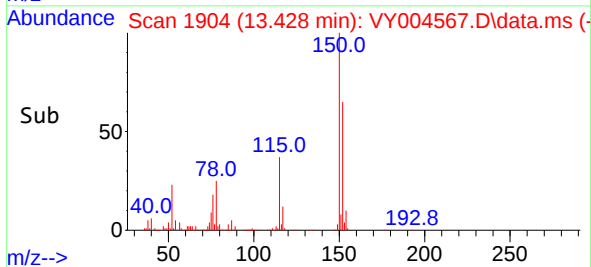
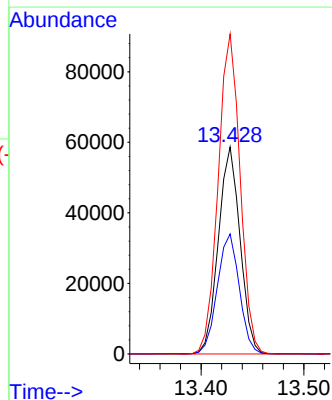
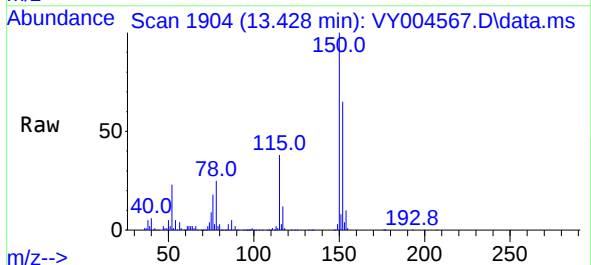
Instrument :
MSVOA_Y
ClientSampled :

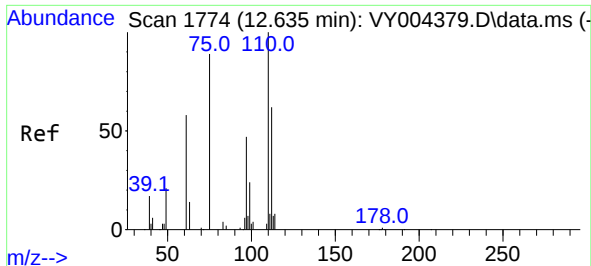
Tgt Ion:117 Resp: 203161
Ion Ratio Lower Upper
117 100
82 57.1 44.9 67.3
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

Tgt Ion:152 Resp: 85930
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.8
150 156.4 0.0 348.4

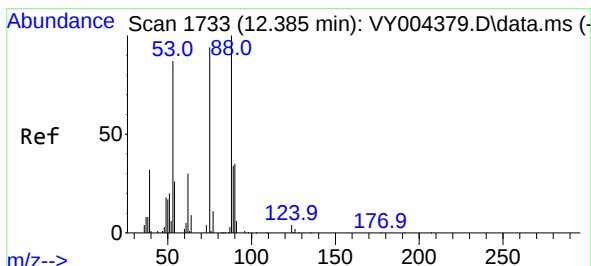
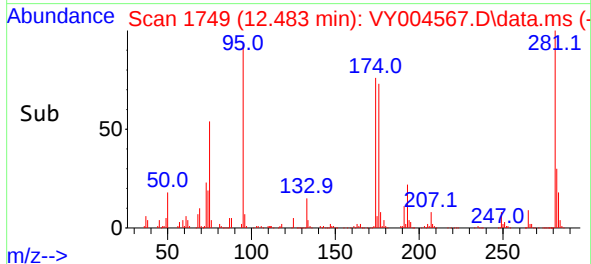
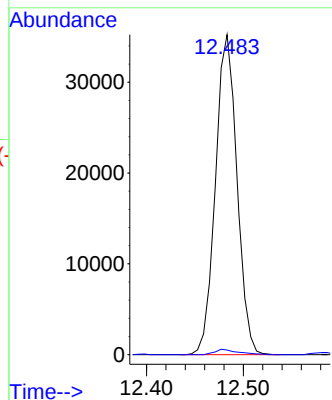
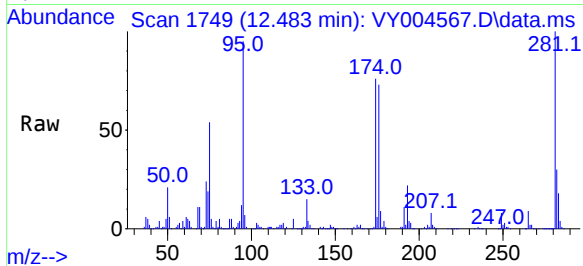




#76
1,2,3-Trichloropropane
Concen: 58.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 54369
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.46 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004567.D
Acq: 21 Apr 2021 19:39

Tgt Ion: 75 Resp: 54369
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 2.2 36.1 54.1#

