

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005557.D
 Acq On : 05 Aug 2021 15:49
 Operator : SY/MD
 Sample : M3289-09
 Misc : 1.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 37702RT

Quant Time: Aug 06 04:40:35 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)

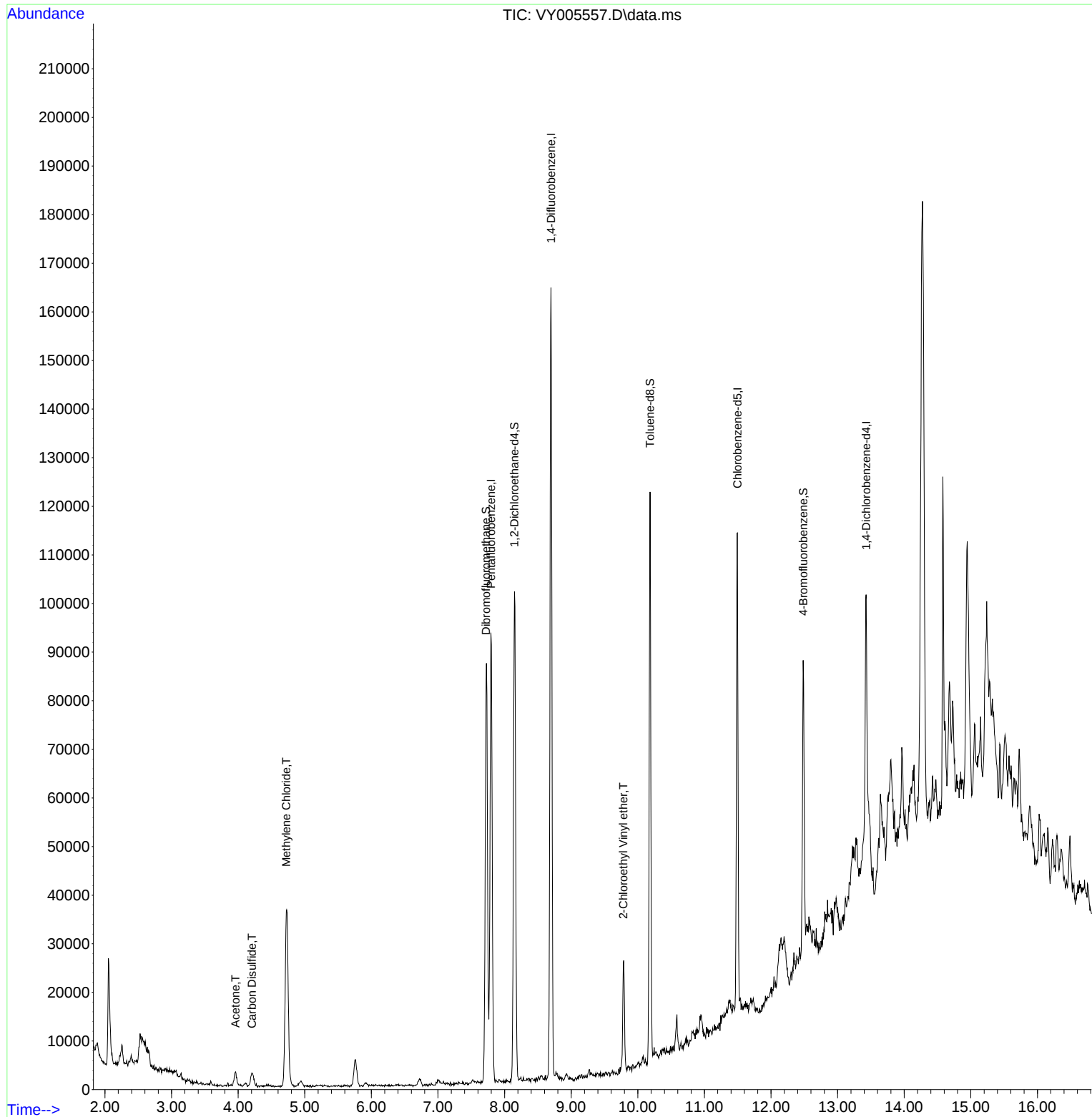
Internal Standards						
1) Pentafluorobenzene	7.795	168	76107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	138239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	52654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82807	107.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 214.980%#	
35) Dibromofluoromethane	7.722	113	59235	76.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 153.060%#	
50) Toluene-d8	10.185	98	73163	22.540	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 45.080%#	
62) 4-Bromofluorobenzene	12.483	95	14754	13.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 27.460%	
Target Compounds						Qvalue
16) Acetone	3.960	43	4816	24.795	ug/l	94
17) Carbon Disulfide	4.204	76	2782	1.376	ug/l #	83
20) Methylene Chloride	4.722	84	27995	34.480	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.783	63	10224	19.229	ug/l	98

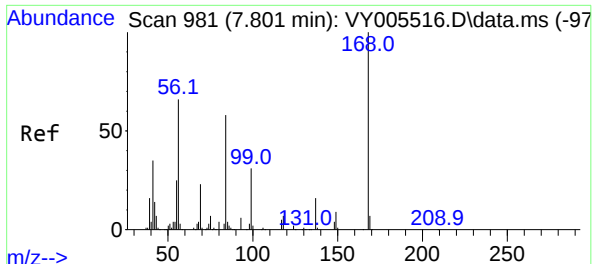
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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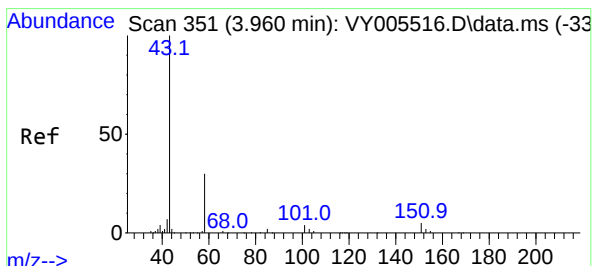
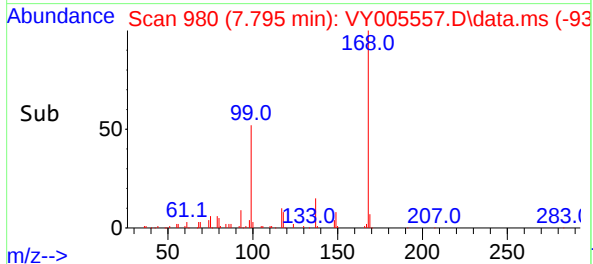
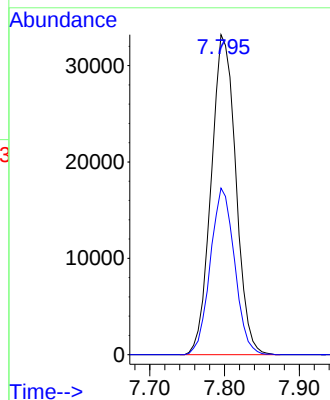
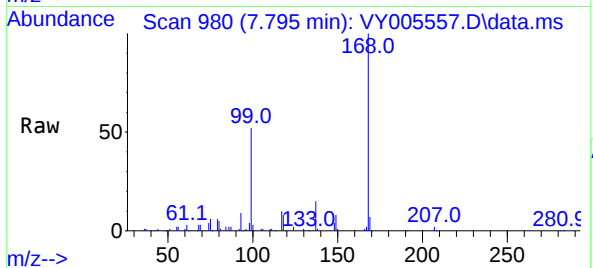




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005557.D
Acq: 05 Aug 2021 15:49

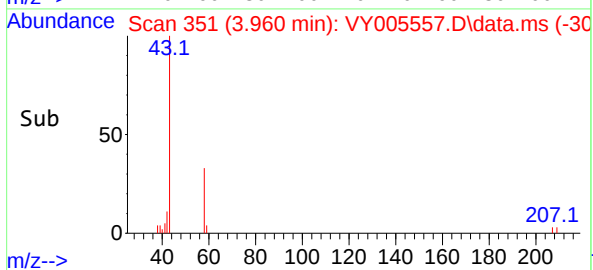
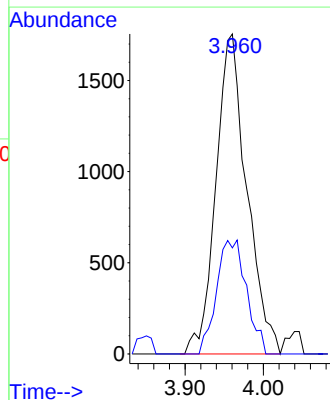
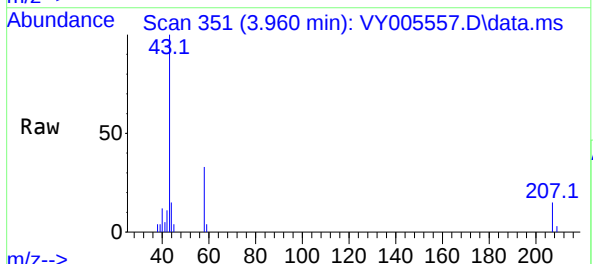
Instrument :
MSVOA_Y
ClientSampleId :
37702RT

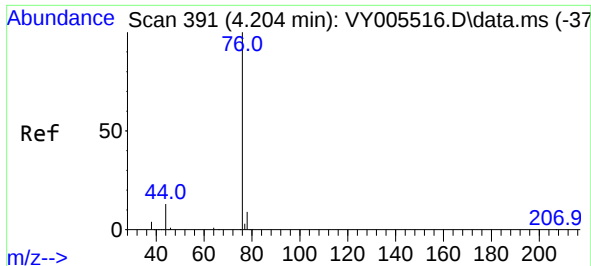
Tgt Ion:168 Resp: 76107
Ion Ratio Lower Upper
168 100
99 52.1 38.9 58.3



#16
Acetone
Concen: 24.795 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005557.D
Acq: 05 Aug 2021 15:49

Tgt Ion: 43 Resp: 4816
Ion Ratio Lower Upper
43 100
58 33.2 23.8 35.6

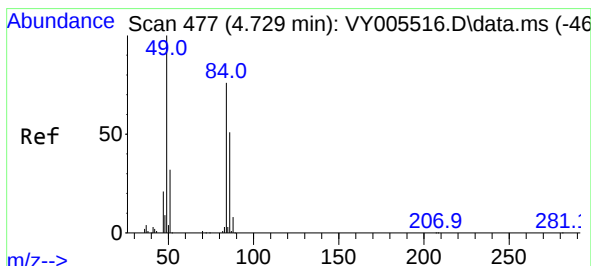
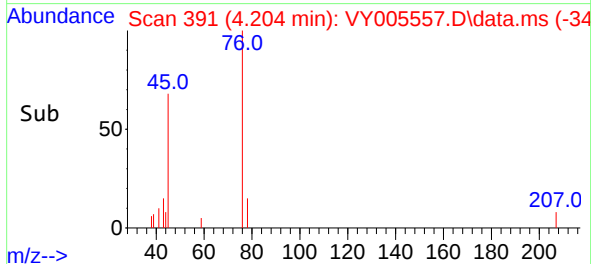
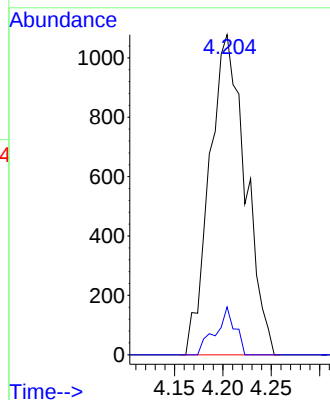
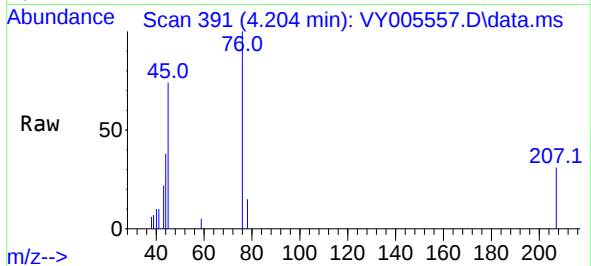




#17
Carbon Disulfide
Concen: 1.376 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005557.D
Acq: 05 Aug 2021 15:49

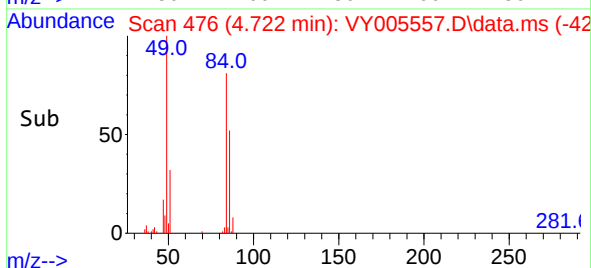
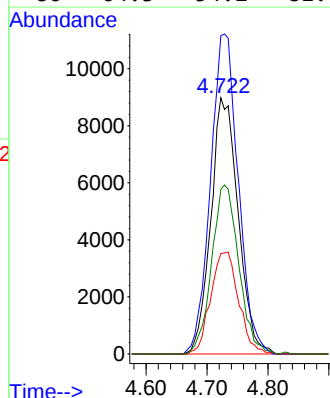
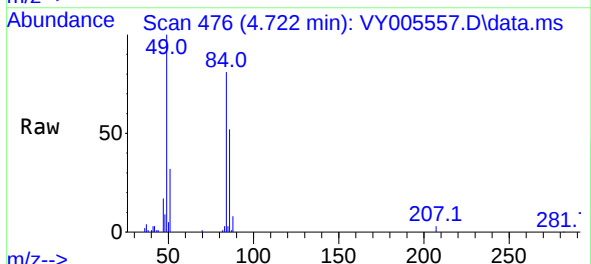
Instrument :
MSVOA_Y
ClientSampleId :
37702RT

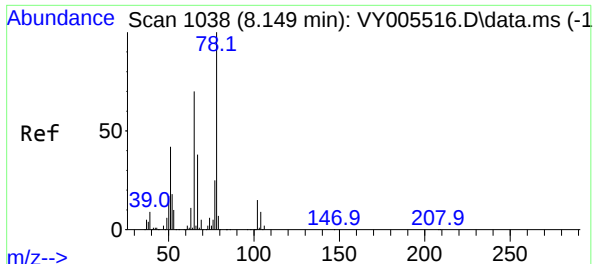
Tgt Ion: 76 Resp: 2782
Ion Ratio Lower Upper
76 100
78 14.9 7.0 10.6#



#20
Methylene Chloride
Concen: 34.480 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005557.D
Acq: 05 Aug 2021 15:49

Tgt Ion: 84 Resp: 27995
Ion Ratio Lower Upper
84 100
49 124.2 105.8 158.6
51 39.2 33.4 50.2
86 64.3 54.2 81.4

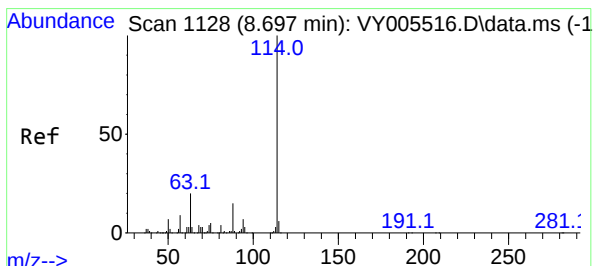
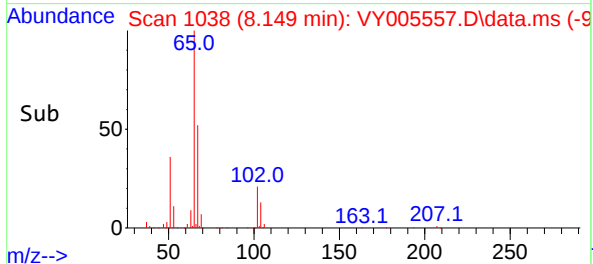
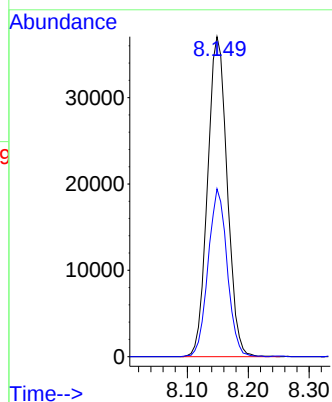
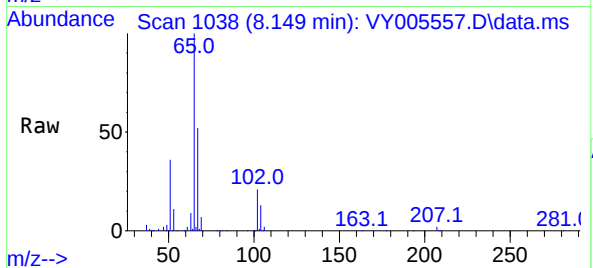




#33
1,2-Dichloroethane-d4
Concen: 107.487 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005557.D
Acq: 05 Aug 2021 15:49

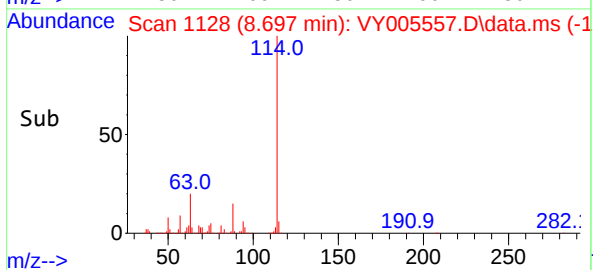
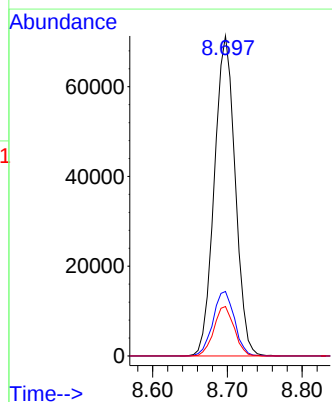
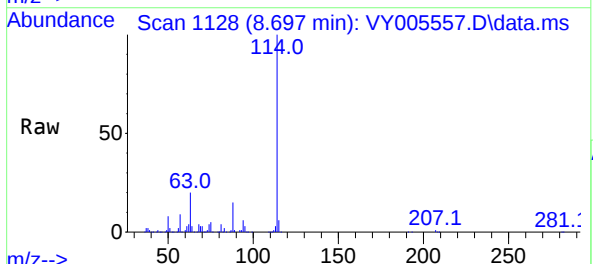
Instrument :
MSVOA_Y
ClientSampleId :
37702RT

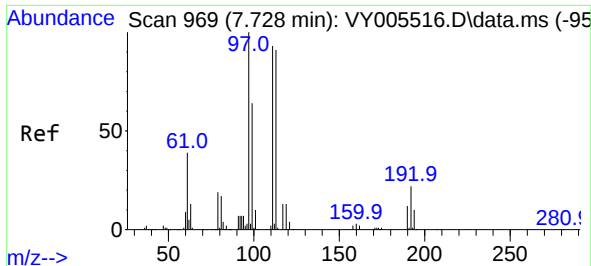
Tgt Ion: 65 Resp: 82807
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005557.D
Acq: 05 Aug 2021 15:49

Tgt Ion:114 Resp: 138239
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 15.5 0.0 30.8

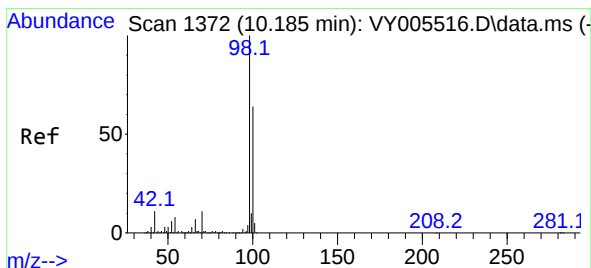
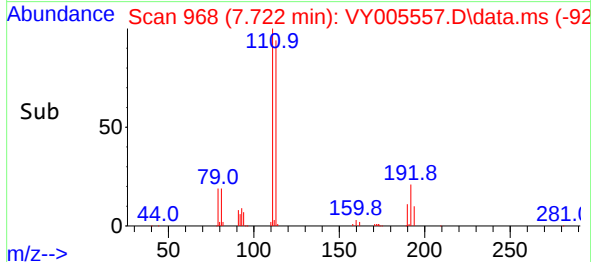
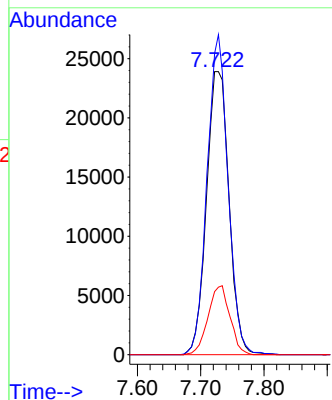
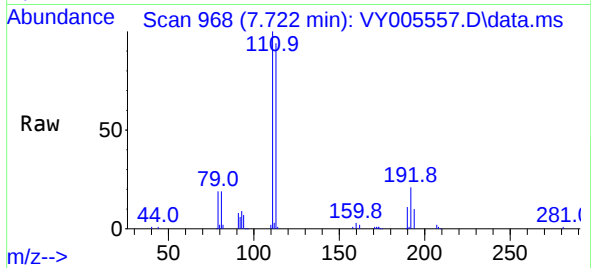




#35
Dibromofluoromethane
Concen: 76.534 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005557.D
Acq: 05 Aug 2021 15:49

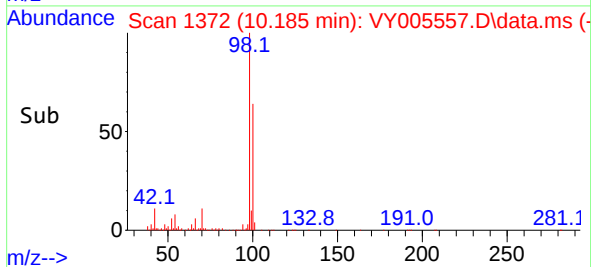
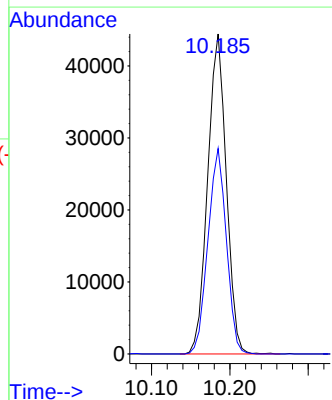
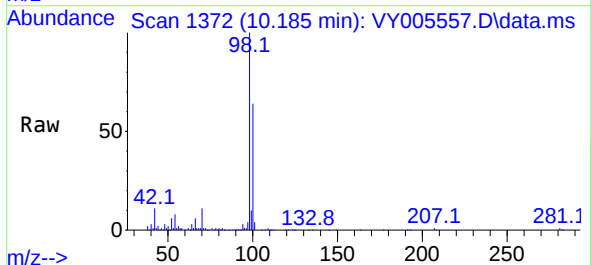
Instrument :
MSVOA_Y
ClientSampleId :
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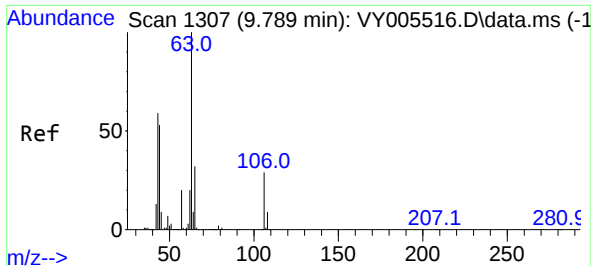
Tgt Ion:113 Resp: 59235
Ion Ratio Lower Upper
113 100
111 105.0 81.9 122.9
192 23.6 19.2 28.8



#50
Toluene-d8
Concen: 22.540 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005557.D
Acq: 05 Aug 2021 15:49

Tgt Ion: 98 Resp: 73163
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9

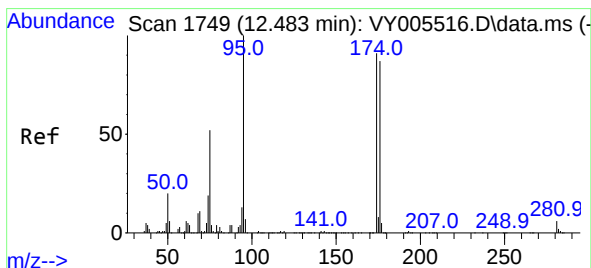
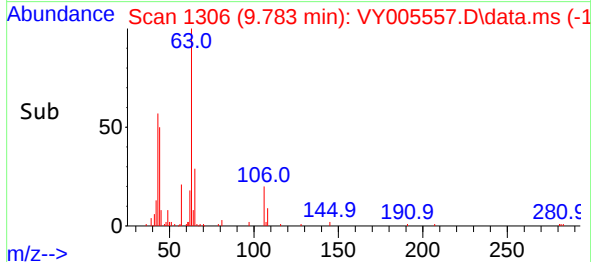
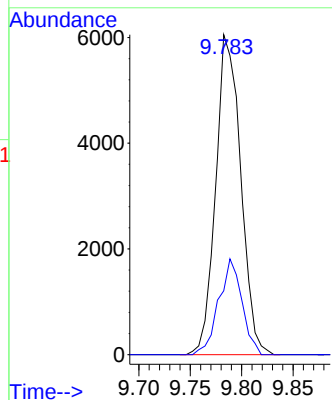
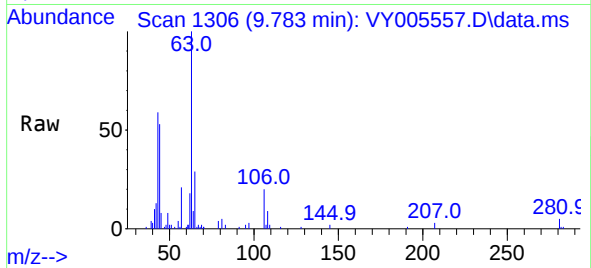




#58
2-Chloroethyl Vinyl ether
Concen: 19.229 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY005557.D
Acq: 05 Aug 2021 15:49

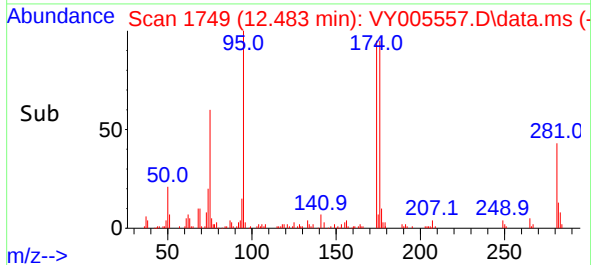
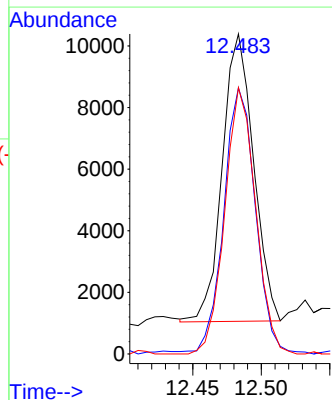
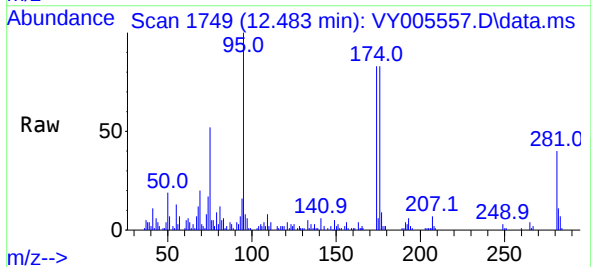
Instrument :
MSVOA_Y
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37702RT

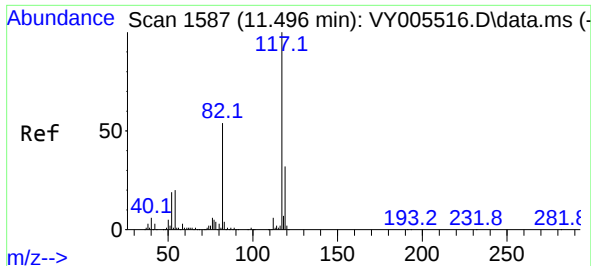
Tgt Ion: 63 Resp: 10224
Ion Ratio Lower Upper
63 100
106 27.7 23.1 34.7



#62
4-Bromofluorobenzene
Concen: 13.726 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005557.D
Acq: 05 Aug 2021 15:49

Tgt Ion: 95 Resp: 14754
Ion Ratio Lower Upper
95 100
174 95.2 0.0 191.4
176 91.4 0.0 183.6

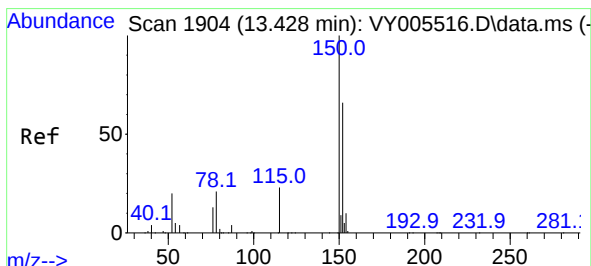
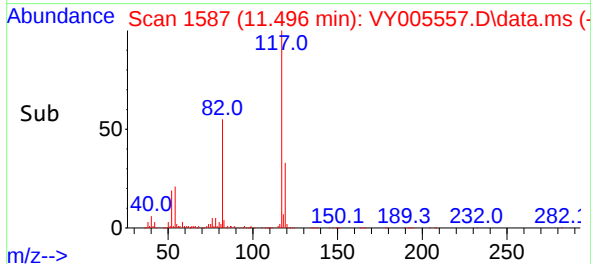
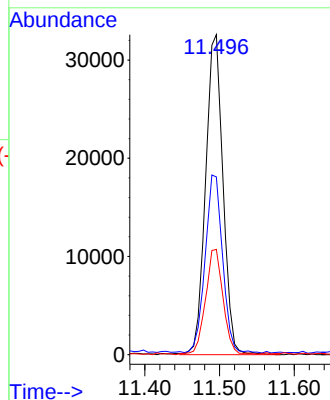
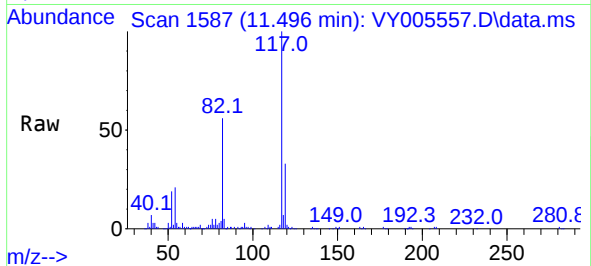




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005557.D
Acq: 05 Aug 2021 15:49

Instrument :
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ClientSampleId :
37702RT

Tgt Ion:	117	Resp:	52654
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.5	65.3
119	32.6	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: VY005557.D
Acq: 05 Aug 2021 15:49

Tgt Ion:	152	Resp:	11218
Ion	Ratio	Lower	Upper
152	100		
115	61.5	27.3	81.9
150	167.0	0.0	350.2

