

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004716.D
 Acq On : 04 May 2021 15:31
 Operator : SY/MD
 Sample : M2252-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONE-1

Quant Time: May 05 01:35:06 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)

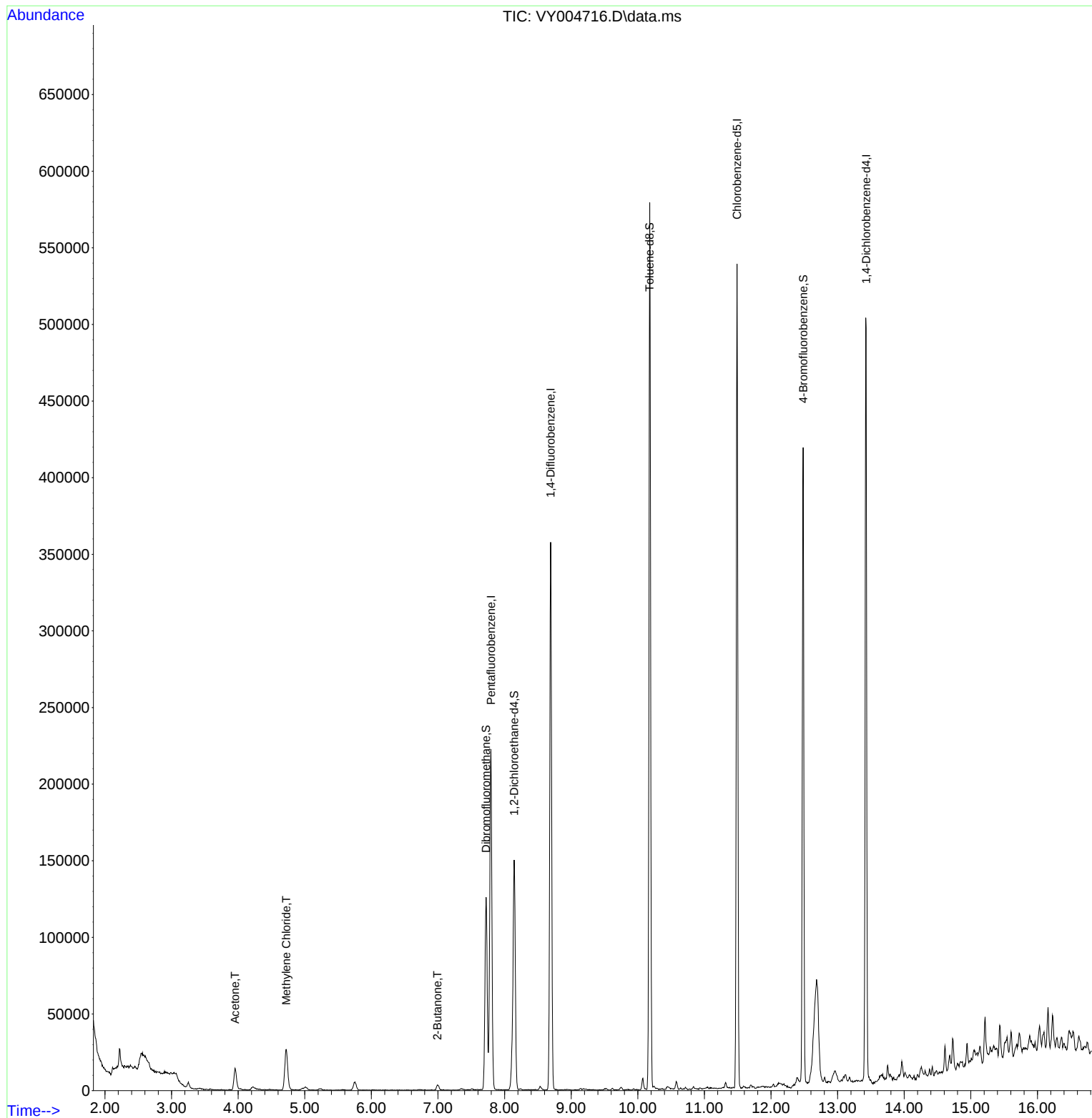
Internal Standards						
1) Pentafluorobenzene	7.795	168	165711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	265828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	110116	59.81	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.62%	
35) Dibromofluoromethane	7.722	113	85670	53.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.44%	
50) Toluene-d8	10.179	98	350029	51.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.24%	
62) 4-Bromofluorobenzene	12.483	95	120182	51.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.44%	
Target Compounds						Qvalue
16) Acetone	3.954	43	24732	47.73	ug/l	97
20) Methylene Chloride	4.722	84	18615	10.47	ug/l	96
25) 2-Butanone	6.990	43	5886	8.39	ug/l	97

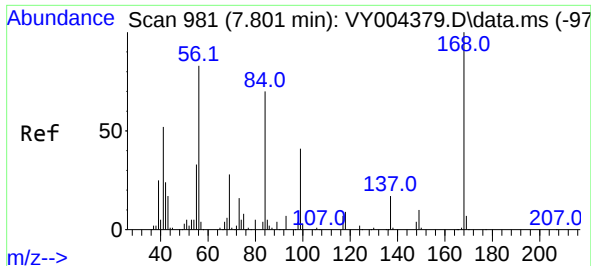
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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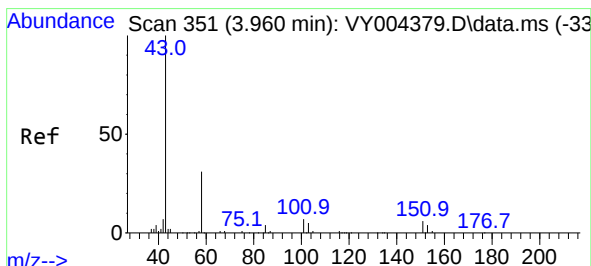
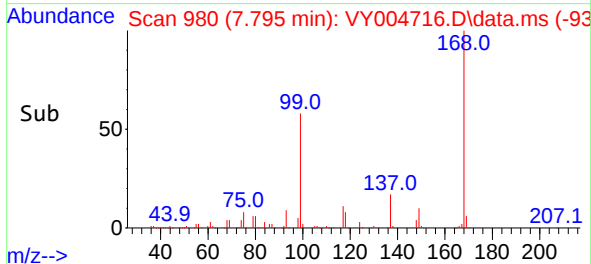
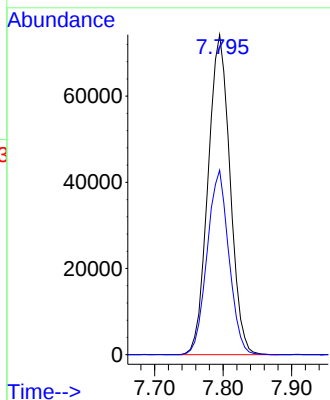
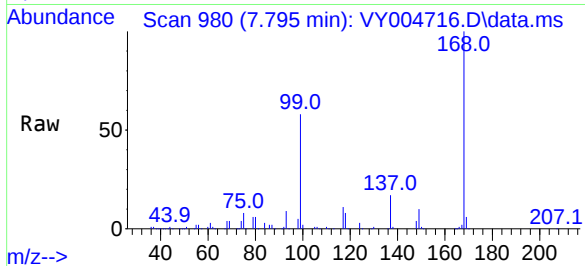




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

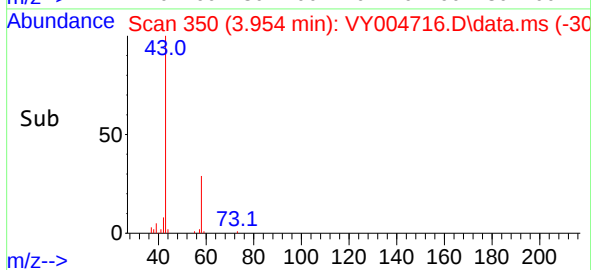
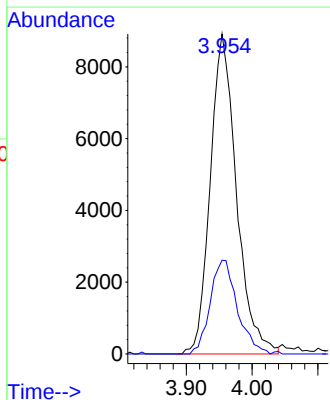
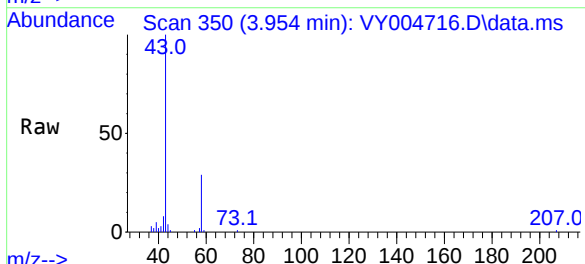
Instrument :
MSVOA_Y
ClientSampleId :
STONE-1

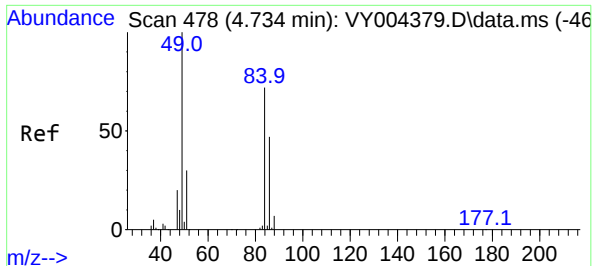
Tgt Ion:168 Resp: 165711
Ion Ratio Lower Upper
168 100
99 57.7 45.5 68.3



#16
Acetone
Concen: 47.73 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Tgt Ion: 43 Resp: 24732
Ion Ratio Lower Upper
43 100
58 29.3 24.6 37.0

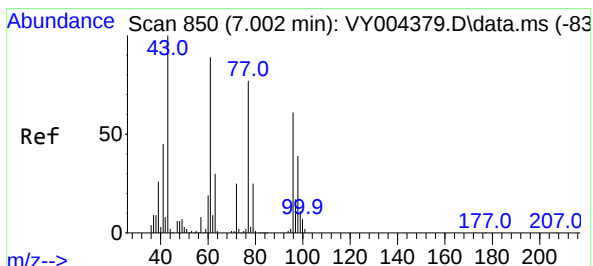
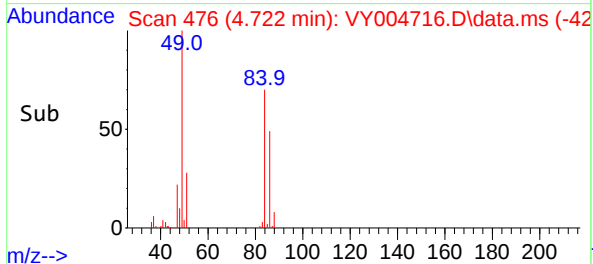
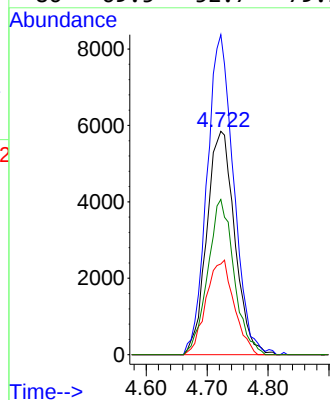
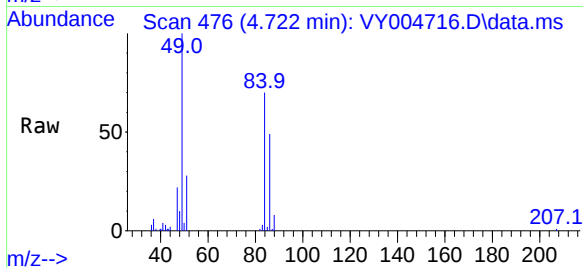




#20
Methylene Chloride
Concen: 10.47 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

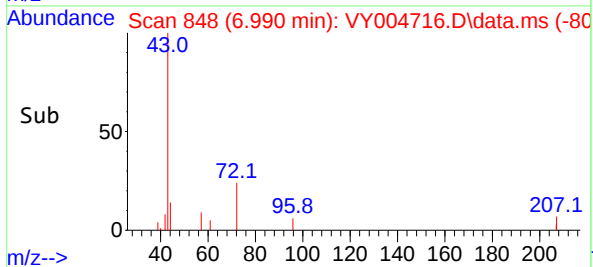
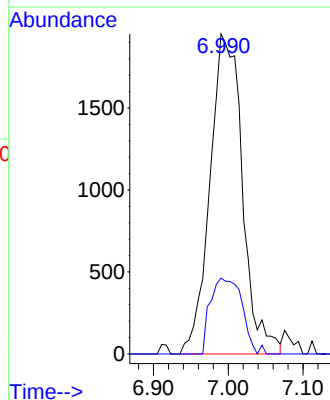
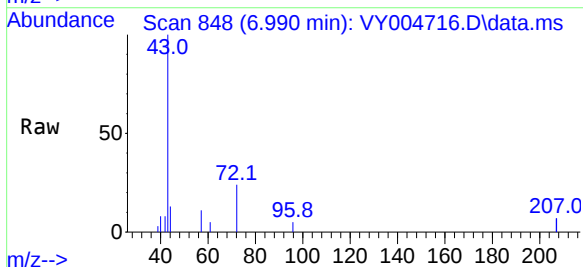
Instrument :
MSVOA_Y
ClientSampleId :
STONE-1

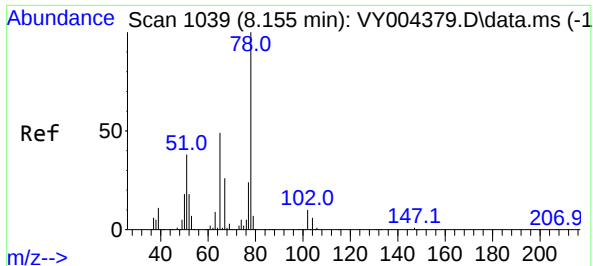
Tgt Ion:	84	Resp:	18615
Ion	Ratio	Lower	Upper
84	100		
49	143.3	111.2	166.8
51	40.6	33.4	50.2
86	69.5	52.7	79.1



#25
2-Butanone
Concen: 8.39 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Tgt Ion:	43	Resp:	5886
Ion	Ratio	Lower	Upper
43	100		
72	23.7	20.2	30.2

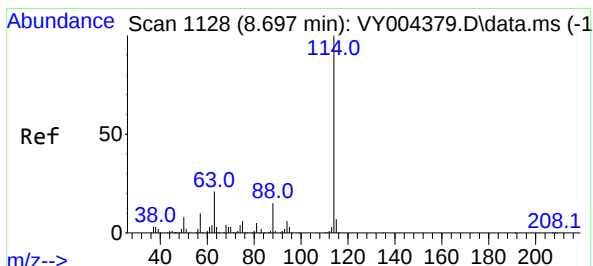
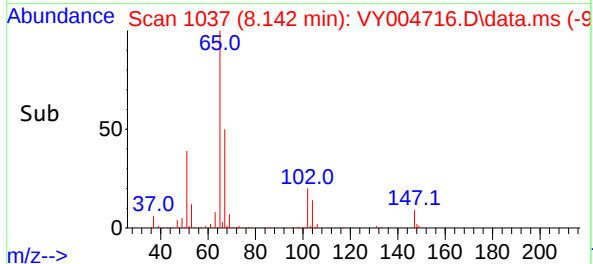
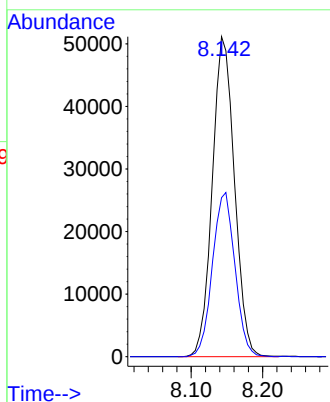
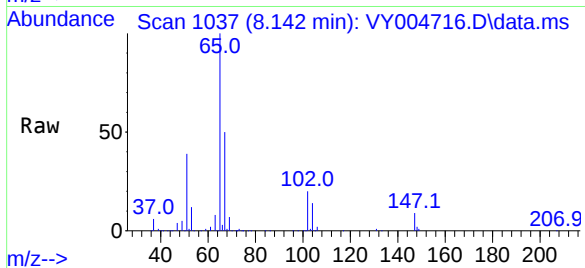




#33
1,2-Dichloroethane-d4
Concen: 59.81 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

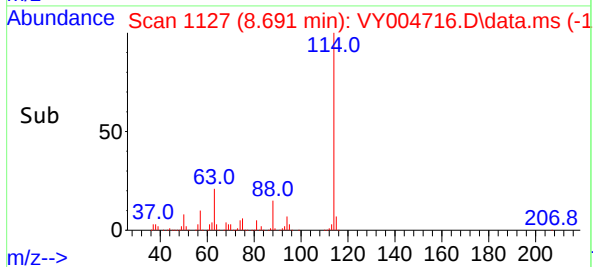
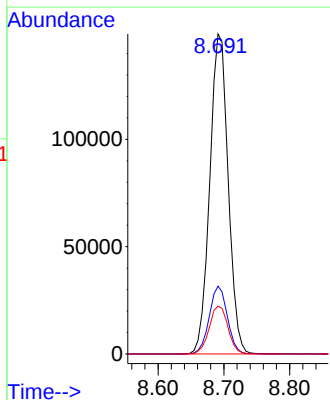
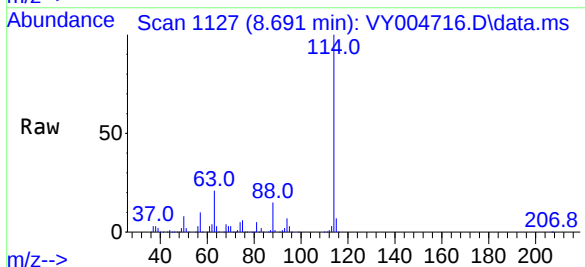
Instrument :
MSVOA_Y
ClientSampleId :
STONE-1

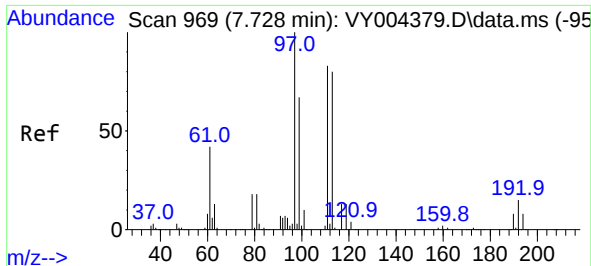
Tgt Ion: 65 Resp: 110116
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Tgt Ion: 114 Resp: 290071
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 15.0 0.0 30.8

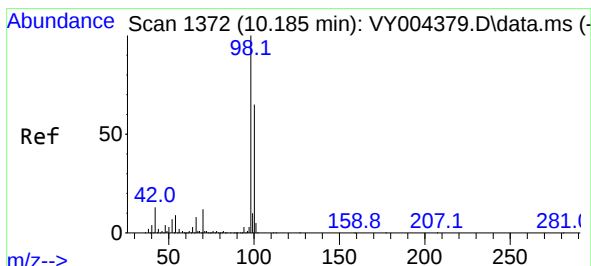
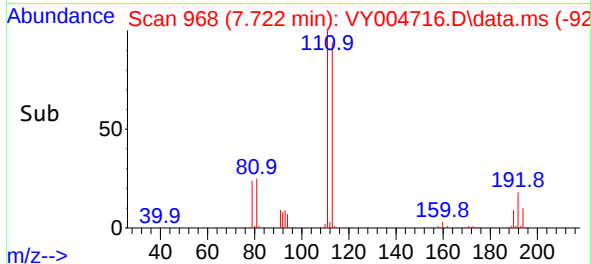
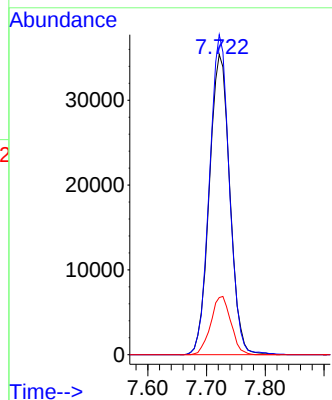
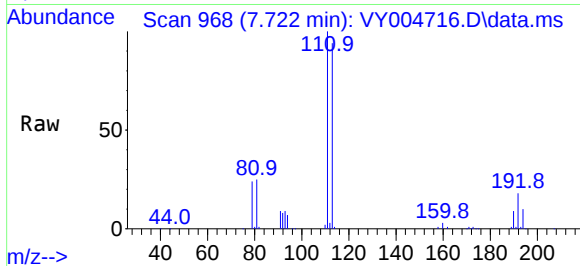




#35
Dibromofluoromethane
Concen: 53.22 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

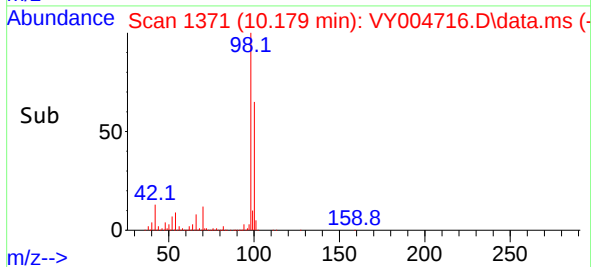
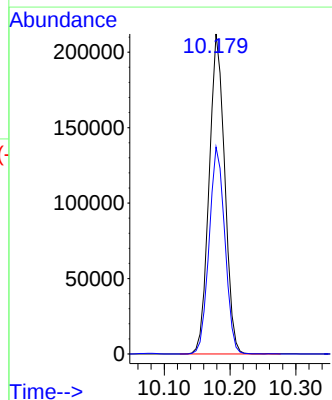
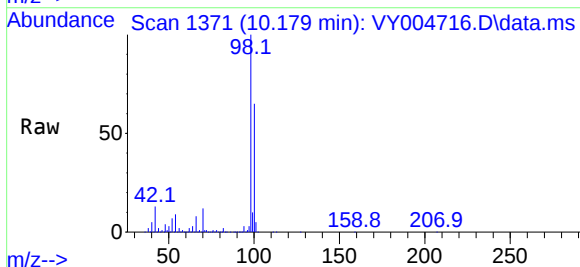
Instrument :
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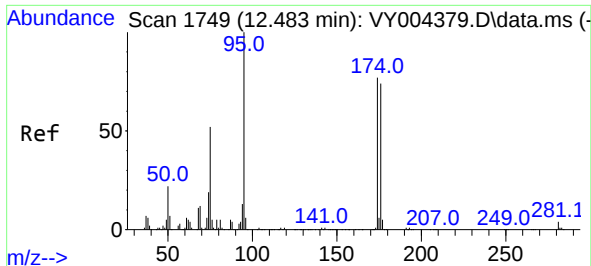
Tgt Ion:113 Resp: 85670
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.1 16.1 24.1



#50
Toluene-d8
Concen: 51.12 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Tgt Ion: 98 Resp: 350029
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

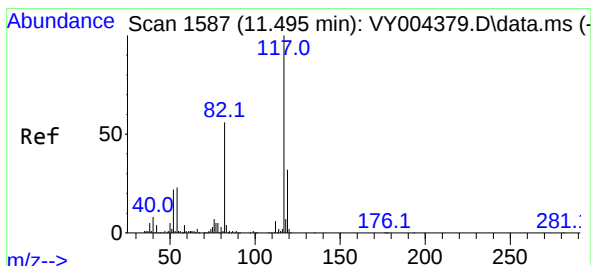
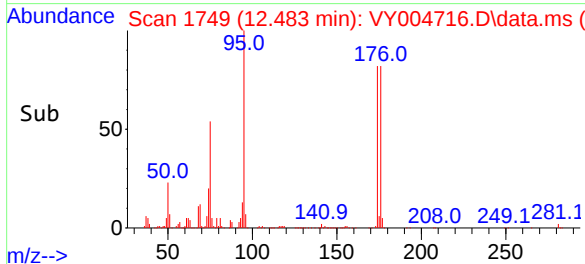
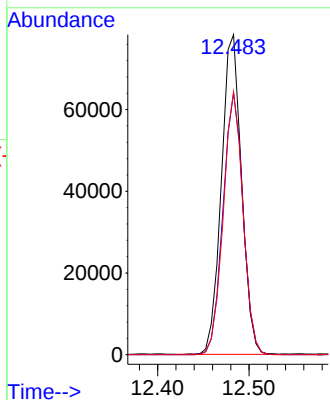
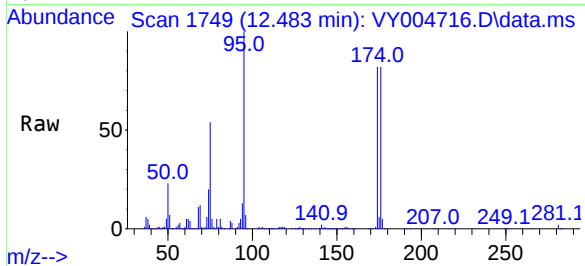




#62
4-Bromofluorobenzene
Concen: 51.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

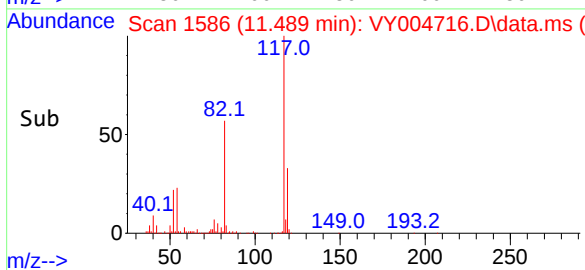
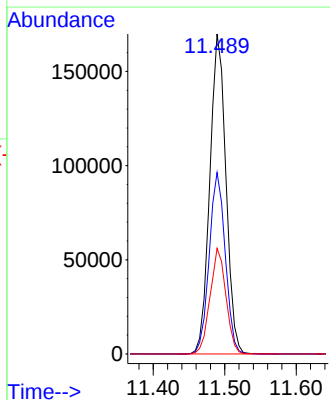
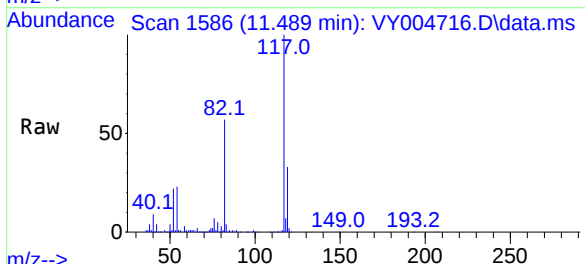
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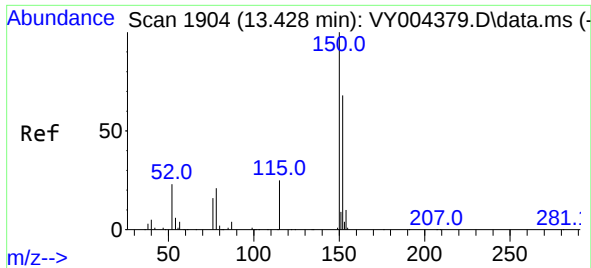
Tgt Ion: 95 Resp: 120182
Ion Ratio Lower Upper
95 100
174 81.4 0.0 162.4
176 80.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Tgt Ion: 117 Resp: 265828
Ion Ratio Lower Upper
117 100
82 56.7 44.9 67.3
119 33.0 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: VY004716.D
 Acq: 04 May 2021 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONE-1

Tgt Ion:	152	Resp:	121416
Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.6	88.8
150	156.3	0.0	348.4

