

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068496.D
 Acq On : 02 Mar 2021 15:14
 Operator : VA/SY
 Sample : M1544-01
 Misc : 6.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-038-IDWSO-20210301

Quant Time: Mar 02 23:58:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

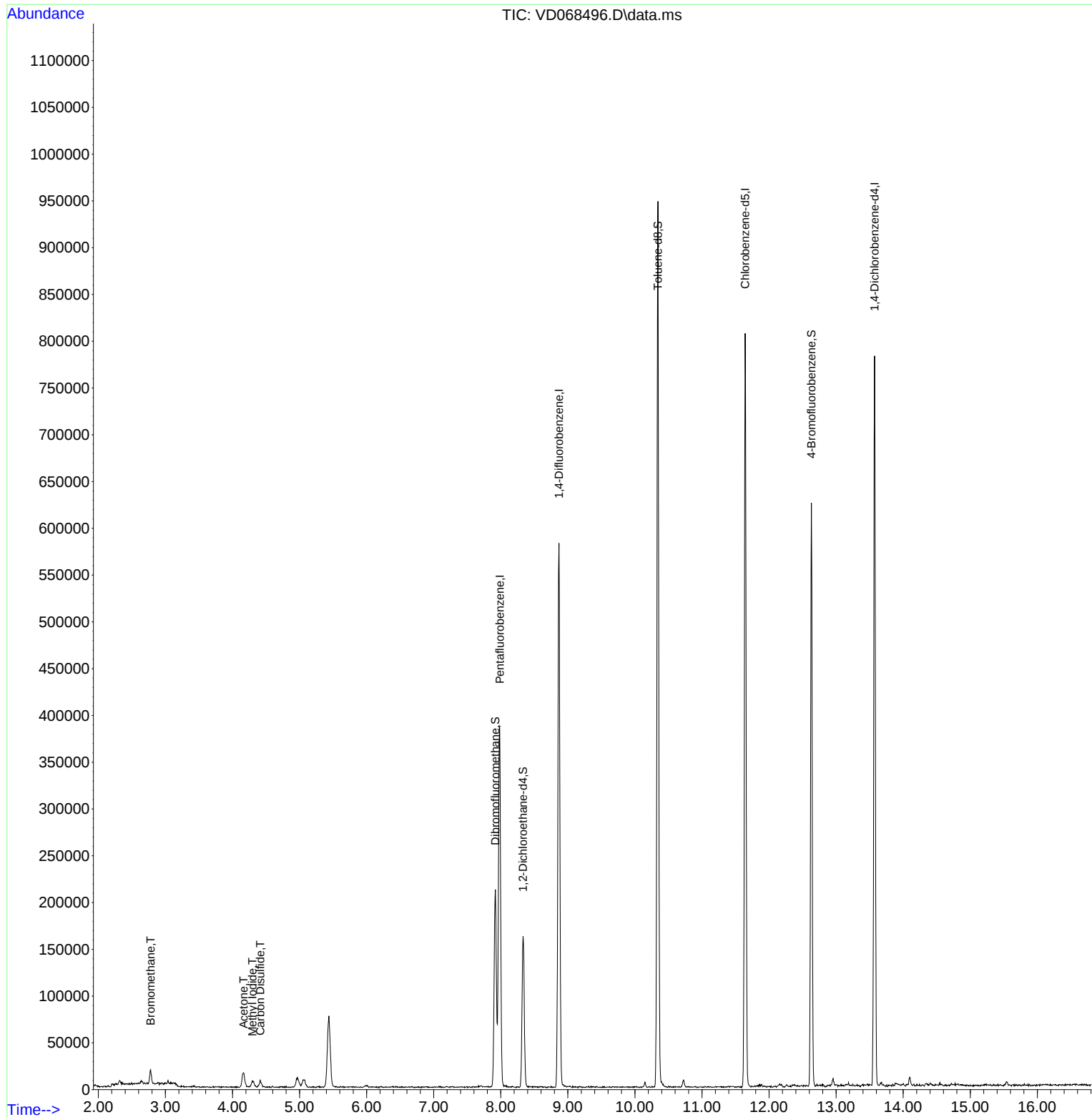
Internal Standards						
1) Pentafluorobenzene	7.985	168	301393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	534726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	485290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	214302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	133281	44.26	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.52%
35) Dibromofluoromethane	7.920	113	152536	47.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.70%
50) Toluene-d8	10.343	98	657764	51.27	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.54%
62) 4-Bromofluorobenzene	12.631	95	198849	48.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.18%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	9395	3.01	ug/l	92
10) Methyl Iodide	4.297	142	11401	5.58	ug/l	92
16) Acetone	4.167	43	28001	58.54	ug/l	99
17) Carbon Disulfide	4.414	76	12655	1.28	ug/l	95

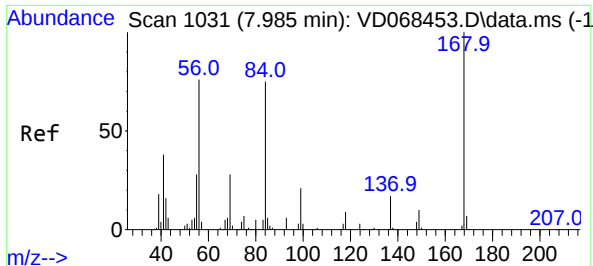
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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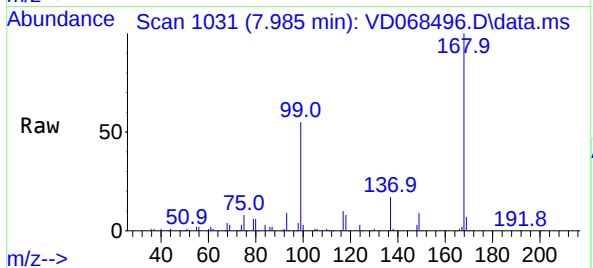
Quant Time: Mar 02 23:58:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
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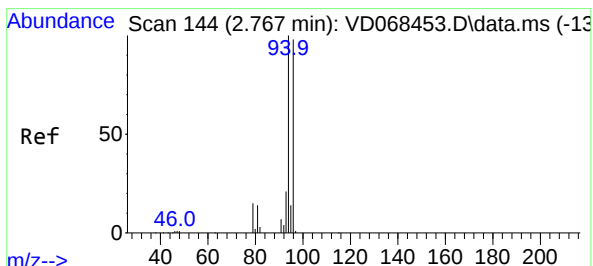
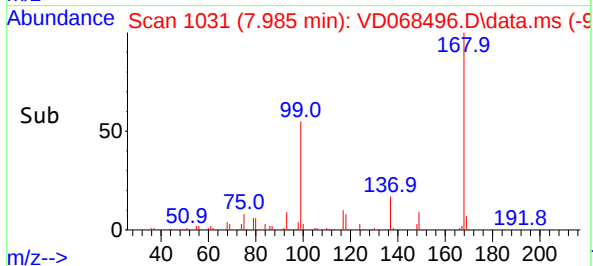
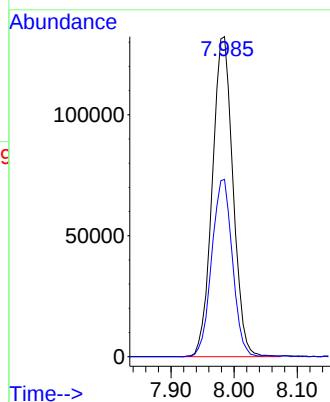


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301

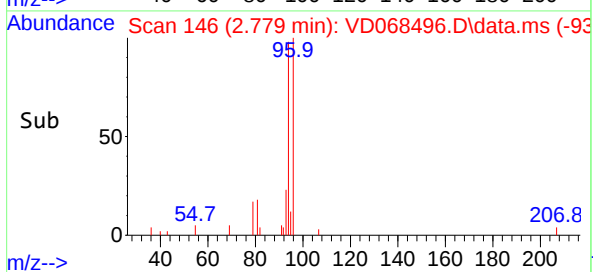
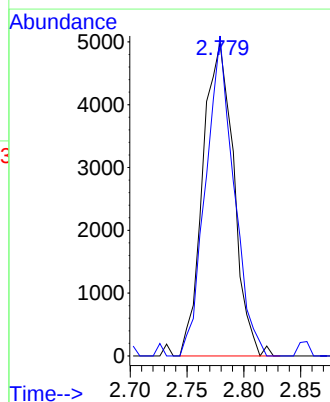
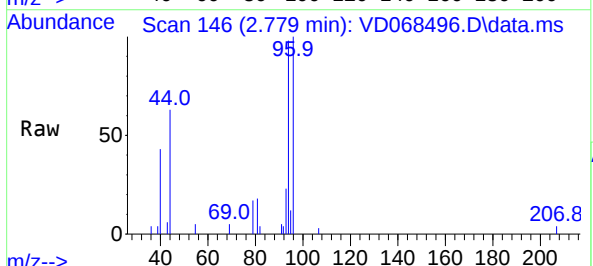


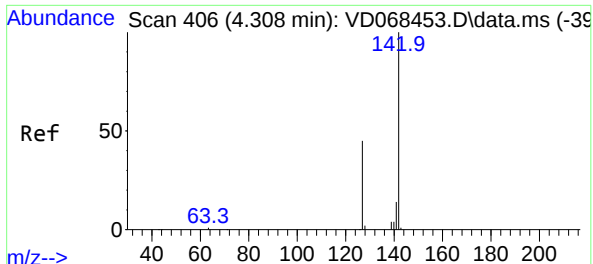
Tgt Ion:168 Resp: 301393
Ion Ratio Lower Upper
168 100
99 55.4 43.5 65.3



#5
Bromomethane
Concen: 3.01 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 94 Resp: 9395
Ion Ratio Lower Upper
94 100
96 102.4 75.8 113.8

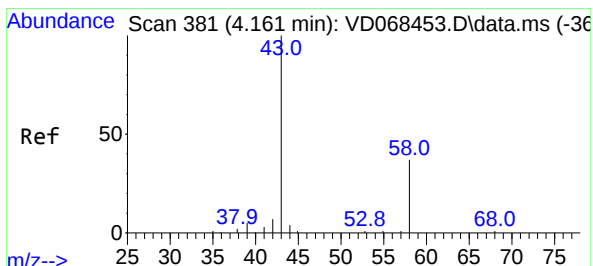
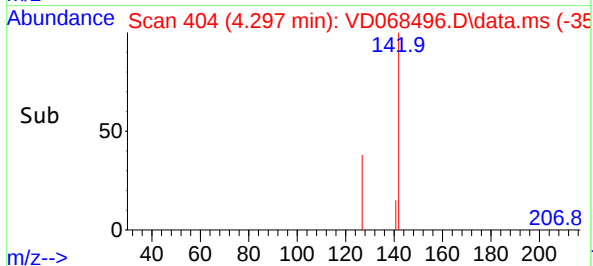
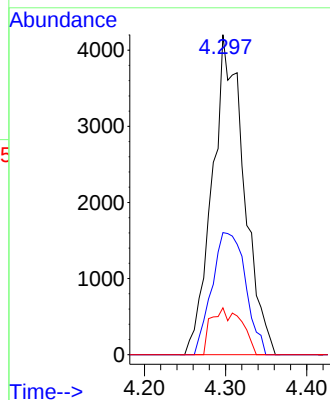
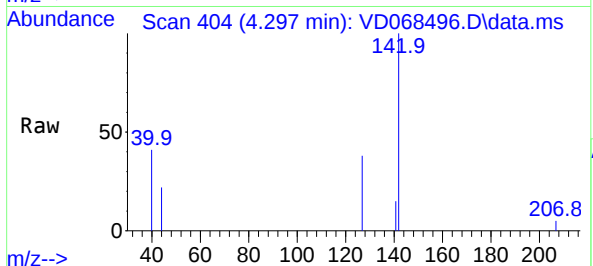




#10
Methyl Iodide
Concen: 5.58 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

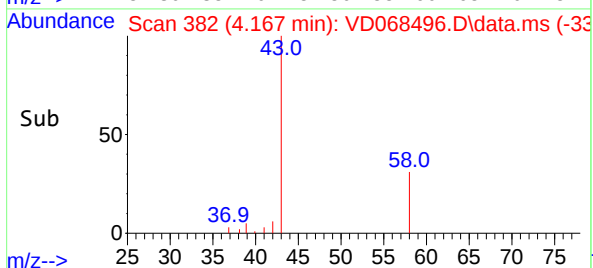
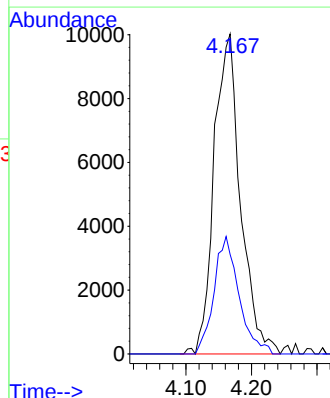
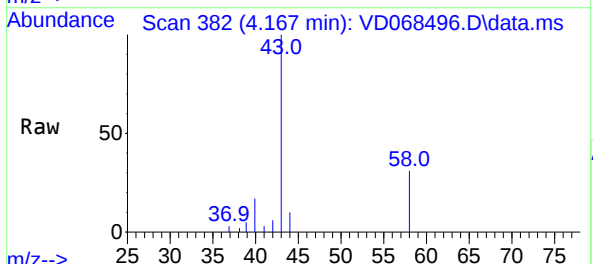
Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301

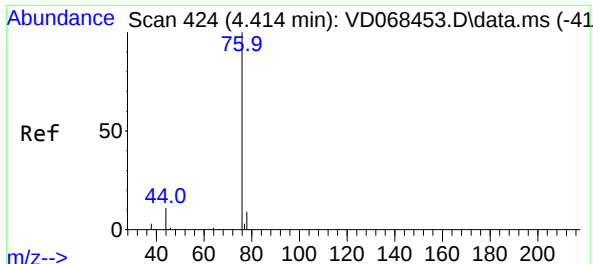
Tgt Ion:142 Resp: 11401
Ion Ratio Lower Upper
142 100
127 40.4 37.9 56.9
141 14.0 11.5 17.3



#16
Acetone
Concen: 58.54 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 43 Resp: 28001
Ion Ratio Lower Upper
43 100
58 31.1 24.2 36.4

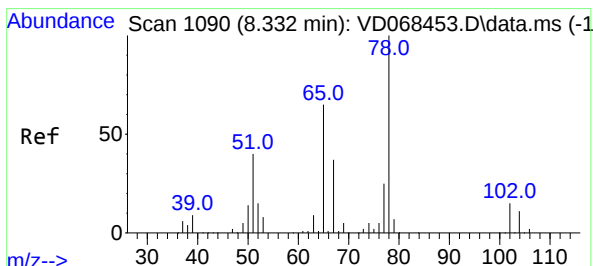
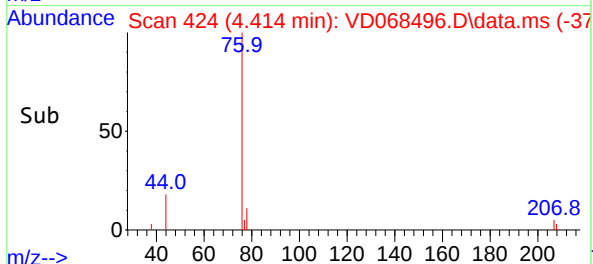
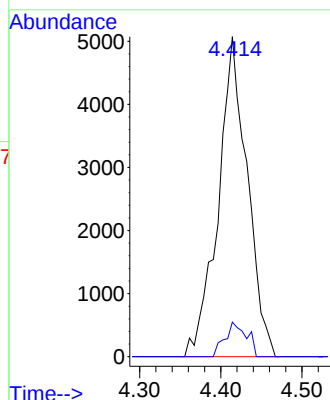
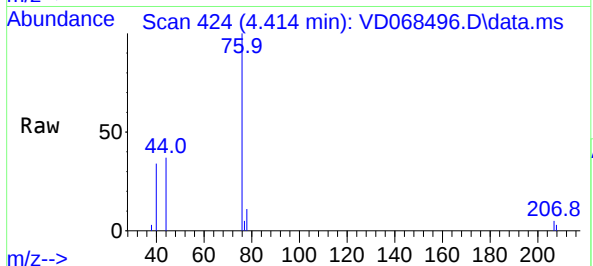




#17
Carbon Disulfide
Concen: 1.28 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

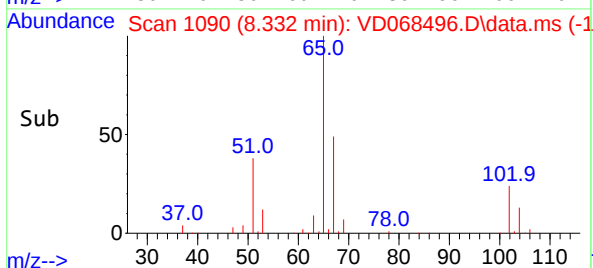
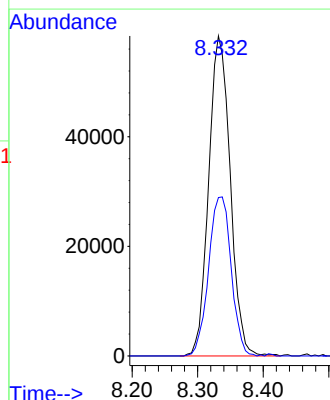
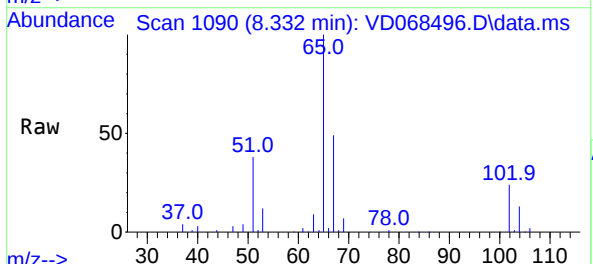
Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301

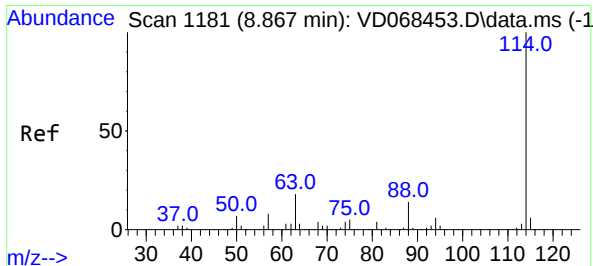
Tgt Ion: 76 Resp: 12655
Ion Ratio Lower Upper
76 100
78 10.8 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 44.26 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 65 Resp: 133281
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.0

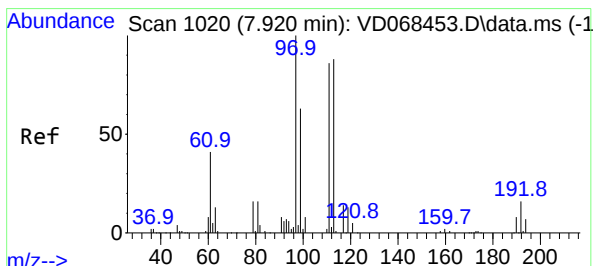
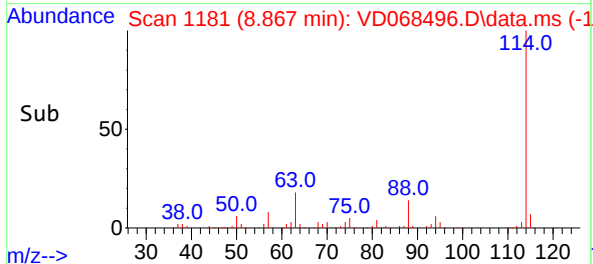
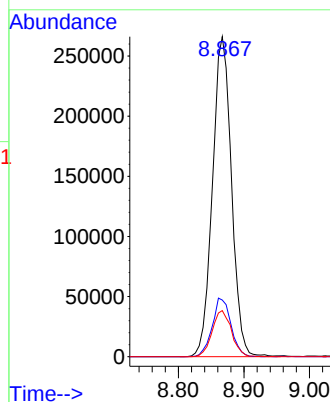
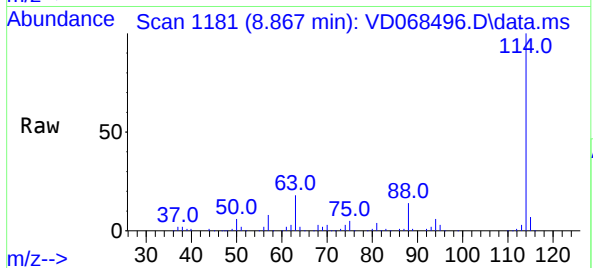




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

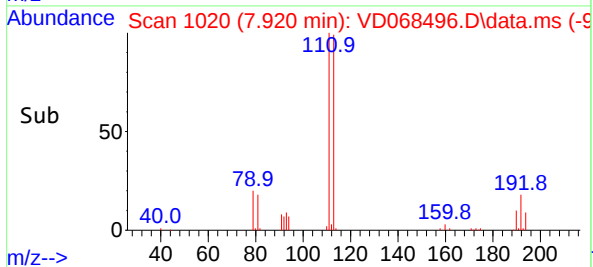
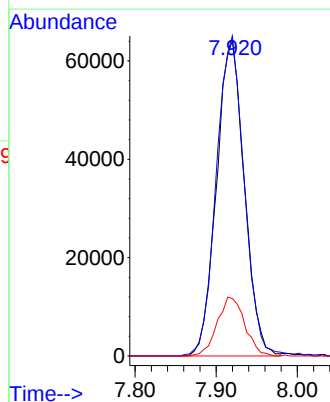
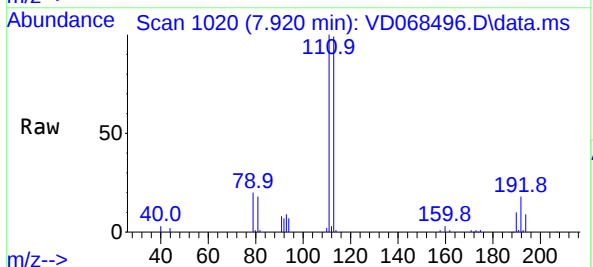
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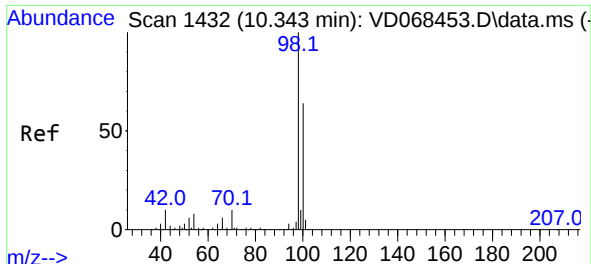
Tgt Ion:114 Resp: 534726
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.8
88 14.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 47.35 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Tgt Ion:113 Resp: 152536
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 18.5 16.1 24.1

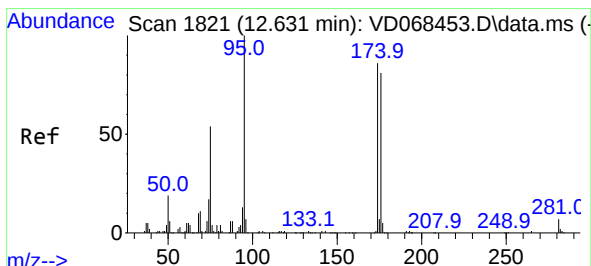
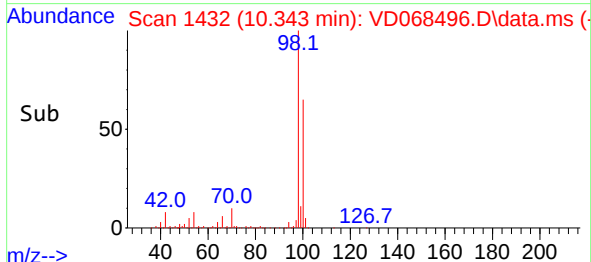
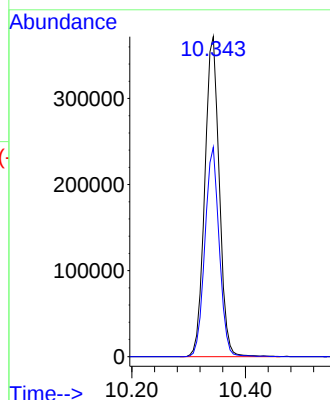
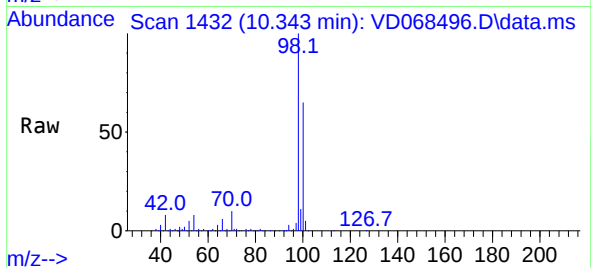




#50
Toluene-d8
Concen: 51.27 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

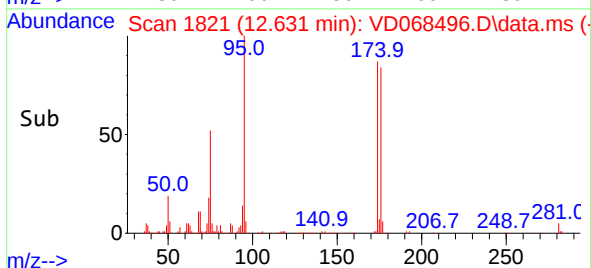
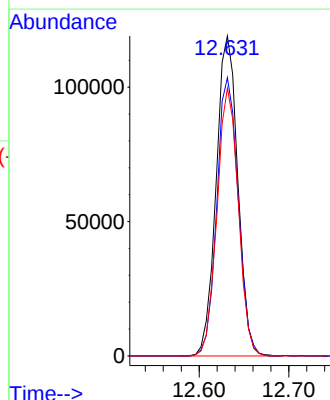
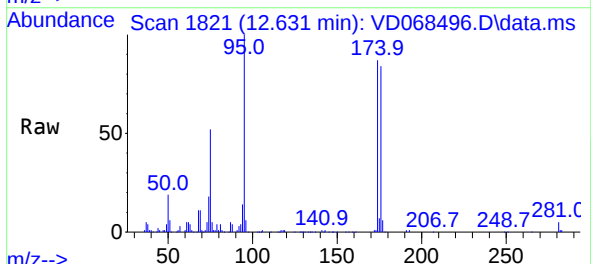
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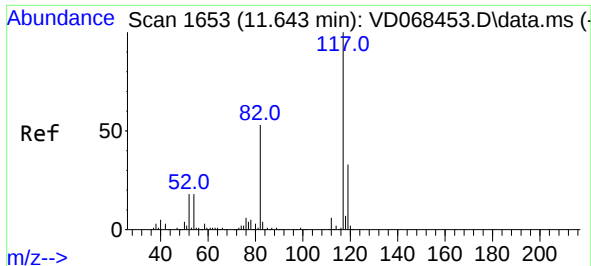
Tgt Ion: 98 Resp: 657764
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.09 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 95 Resp: 198849
Ion Ratio Lower Upper
95 100
174 86.3 0.0 172.4
176 82.1 0.0 168.4

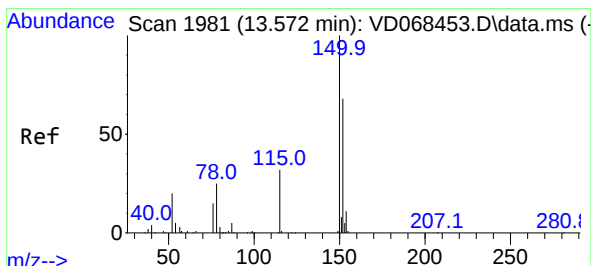
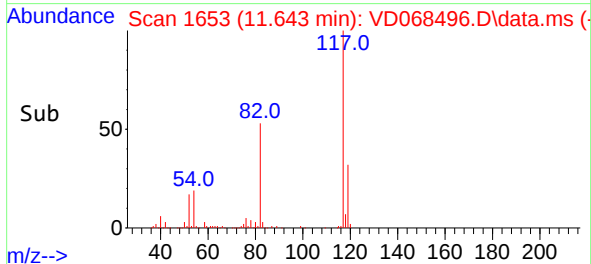
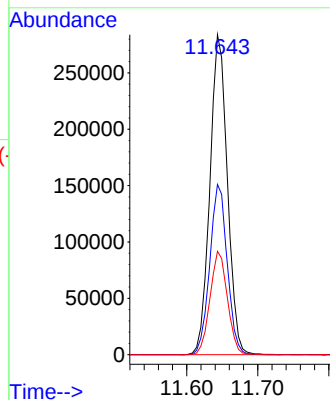
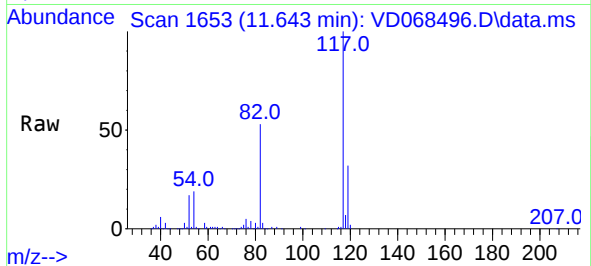




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Instrument :
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Tgt Ion:	117	Resp:	485290
Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.4	62.0
119	32.3	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Tgt Ion:	152	Resp:	214302
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.9	86.8
150	158.3	0.0	344.4

