

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068842.D
 Acq On : 12 Apr 2021 19:54
 Operator : VA/SY
 Sample : M1967-10
 Misc : 4.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB1-B

Quant Time: Apr 13 01:12:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

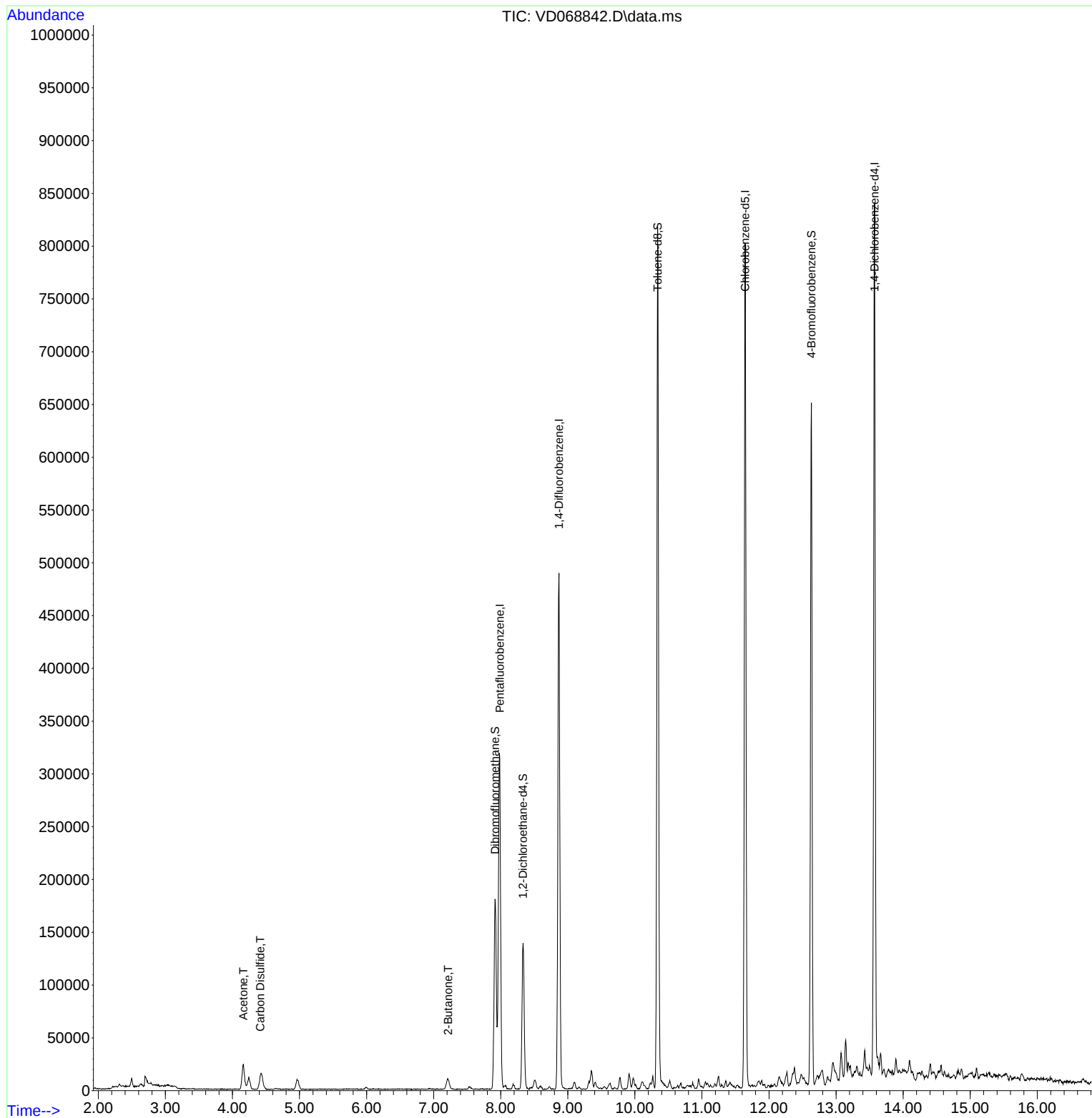
Internal Standards						
1) Pentafluorobenzene	7.985	168	247333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	442598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	482781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	229204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	111198	42.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.08%
35) Dibromofluoromethane	7.914	113	133922	46.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.04%
50) Toluene-d8	10.338	98	565973	52.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.24%
62) 4-Bromofluorobenzene	12.632	95	217609	60.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.66%
Target Compounds						
16) Acetone	4.162	43	38507	106.38	ug/l	96
17) Carbon Disulfide	4.415	76	16431	2.05	ug/l	98
25) 2-Butanone	7.214	43	11509	22.47	ug/l	92

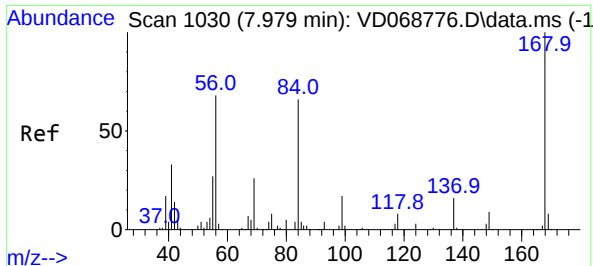
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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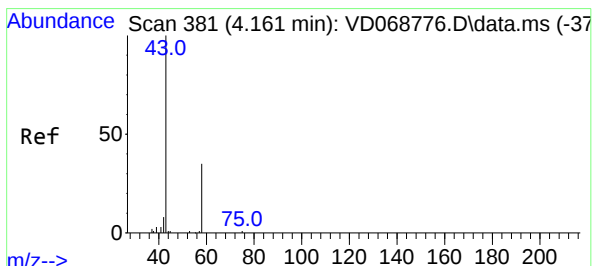
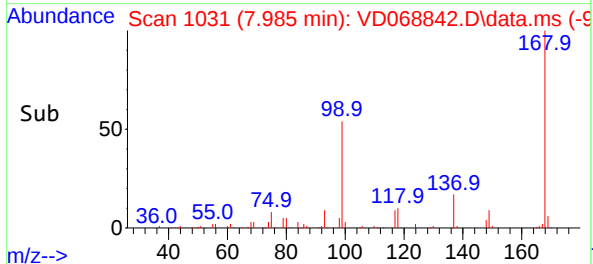
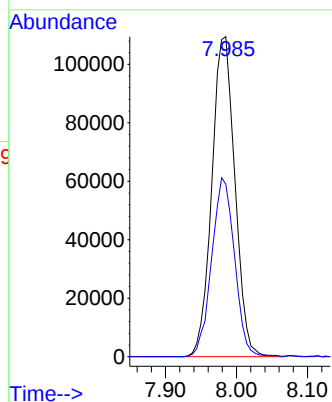
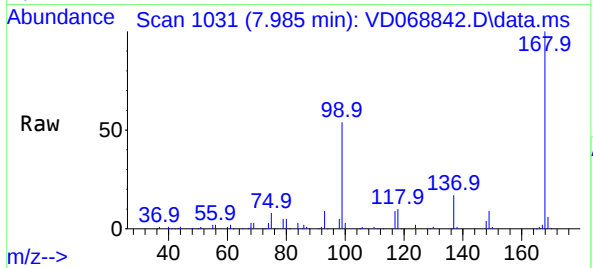




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068842.D
Acq: 12 Apr 2021 19:54

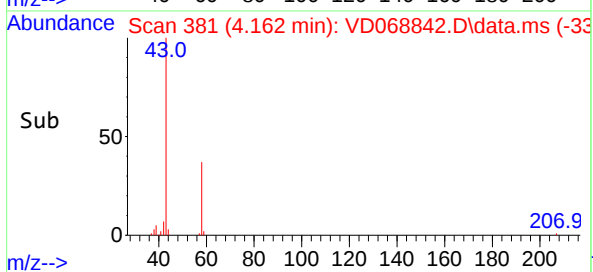
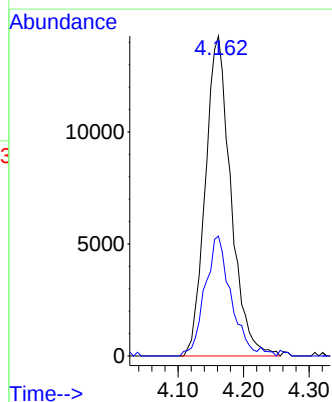
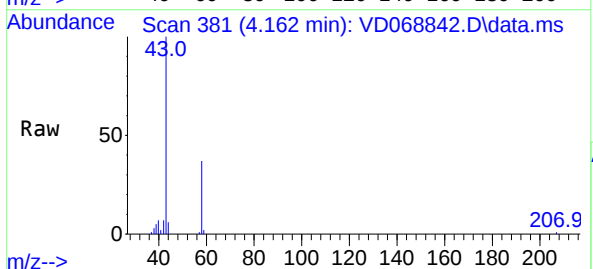
Instrument :
MSVOA_D
ClientSampleId :
SB1-B

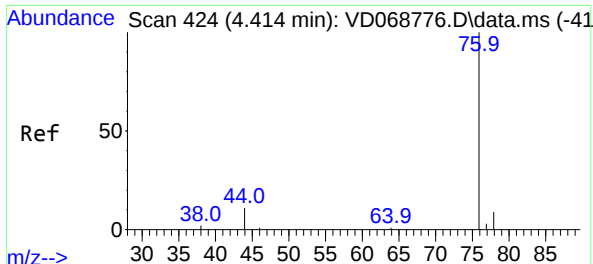
Tgt Ion:168 Resp: 247333
Ion Ratio Lower Upper
168 100
99 53.9 46.2 69.2



#16
Acetone
Concen: 106.38 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068842.D
Acq: 12 Apr 2021 19:54

Tgt Ion: 43 Resp: 38507
Ion Ratio Lower Upper
43 100
58 37.4 28.0 42.0

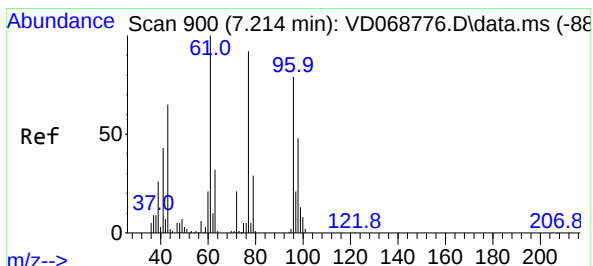
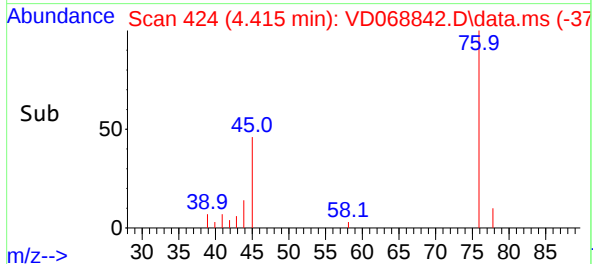
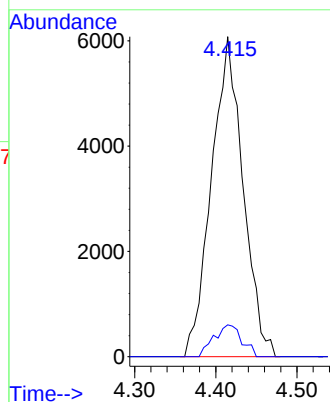
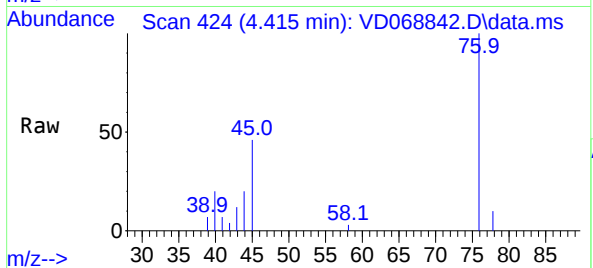




#17
Carbon Disulfide
Concen: 2.05 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068842.D
Acq: 12 Apr 2021 19:54

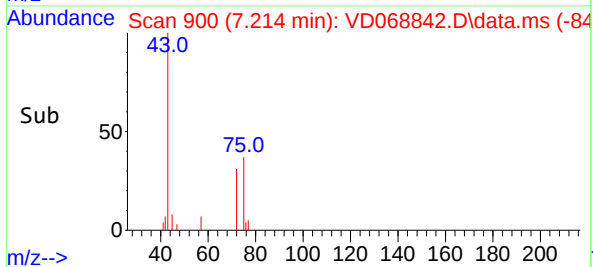
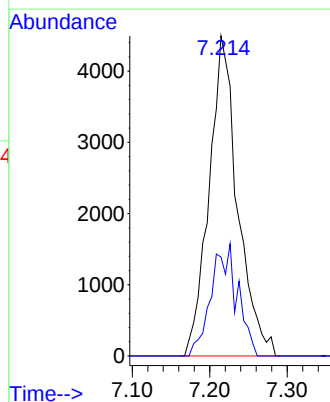
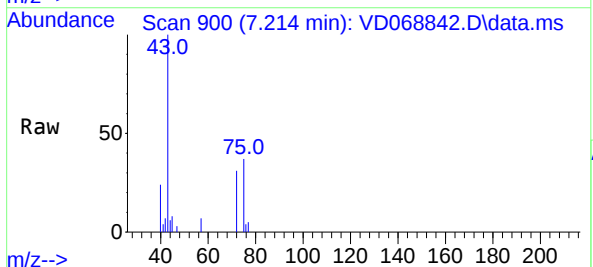
Instrument :
MSVOA_D
ClientSampled :
SB1-B

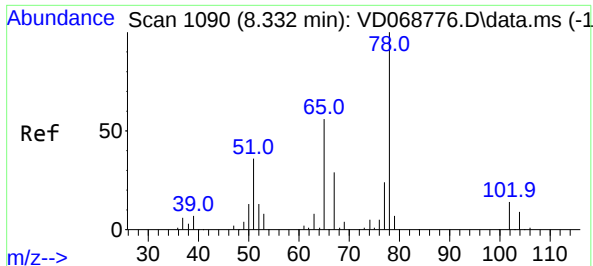
Tgt Ion: 76 Resp: 16431
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#25
2-Butanone
Concen: 22.47 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068842.D
Acq: 12 Apr 2021 19:54

Tgt Ion: 43 Resp: 11509
Ion Ratio Lower Upper
43 100
72 30.9 28.6 43.0

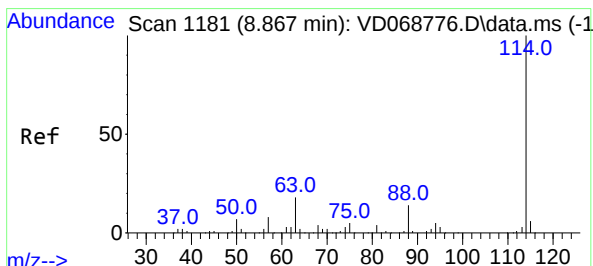
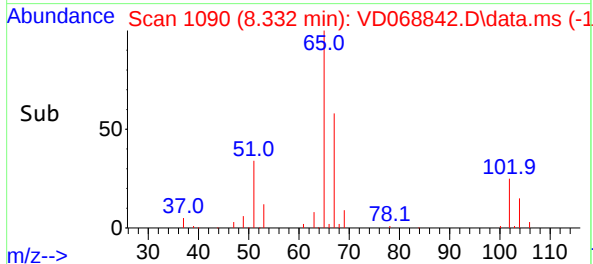
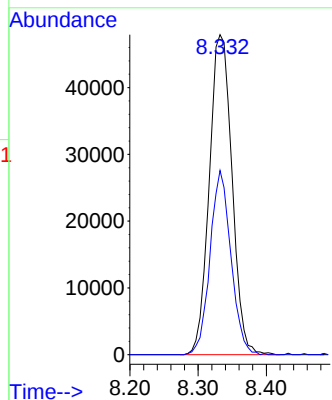
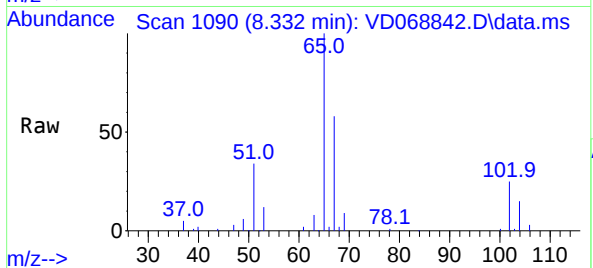




#33
1,2-Dichloroethane-d4
Concen: 42.54 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068842.D
Acq: 12 Apr 2021 19:54

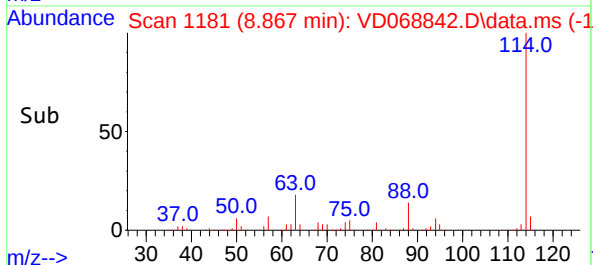
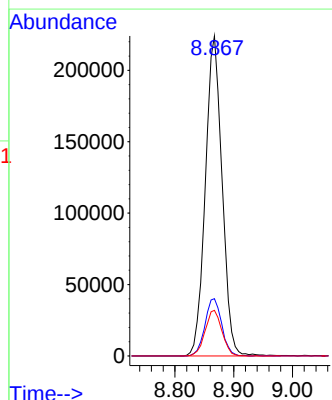
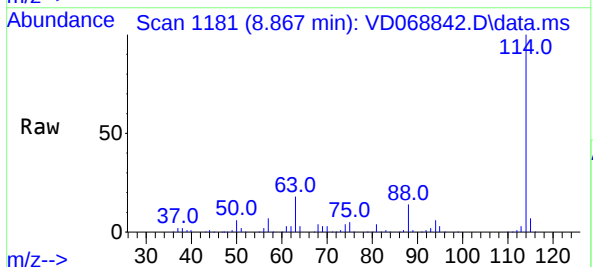
Instrument :
MSVOA_D
ClientSampled :
SB1-B

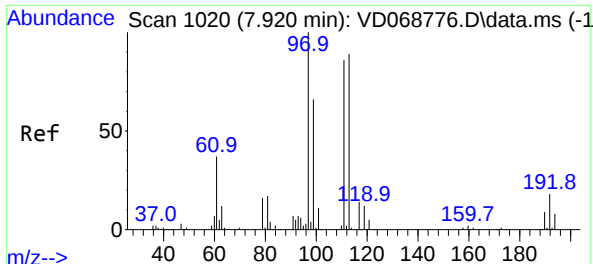
Tgt Ion: 65 Resp: 111198
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068842.D
Acq: 12 Apr 2021 19:54

Tgt Ion: 114 Resp: 442598
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.2
88 14.3 0.0 29.4

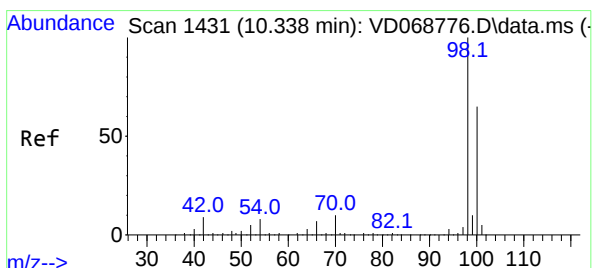
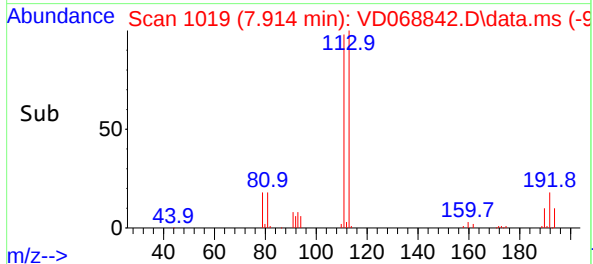
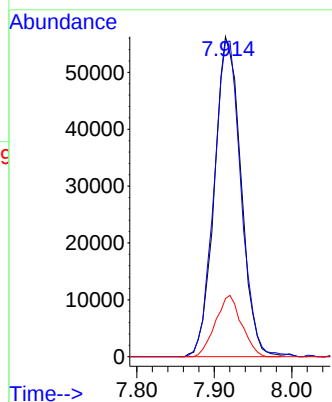
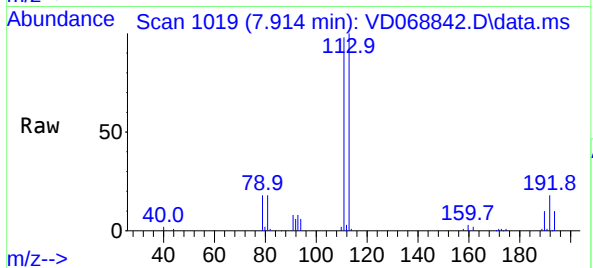




#35
Dibromofluoromethane
Concen: 46.52 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068842.D
Acq: 12 Apr 2021 19:54

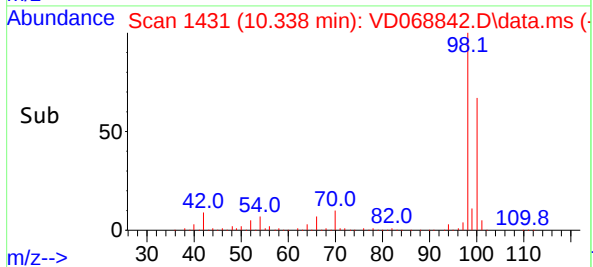
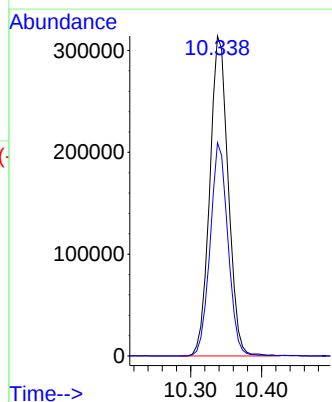
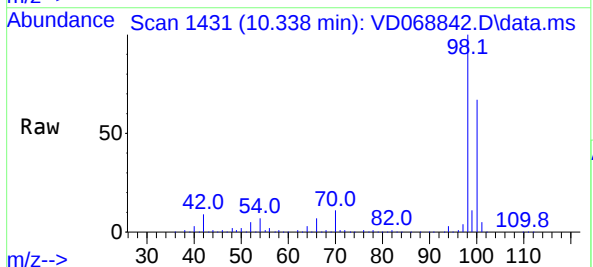
Instrument :
MSVOA_D
ClientSampleId :
SB1-B

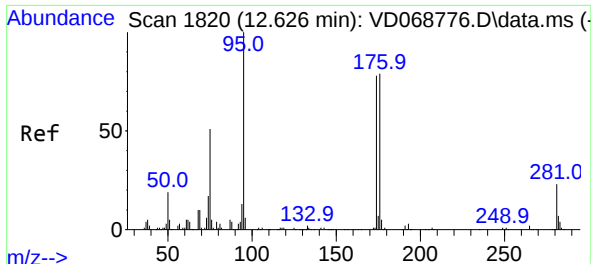
Tgt Ion:113 Resp: 133922
Ion Ratio Lower Upper
113 100
111 100.5 82.5 123.7
192 18.9 15.1 22.7



#50
Toluene-d8
Concen: 52.12 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068842.D
Acq: 12 Apr 2021 19:54

Tgt Ion: 98 Resp: 565973
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

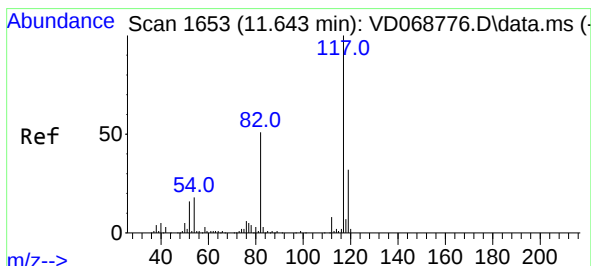
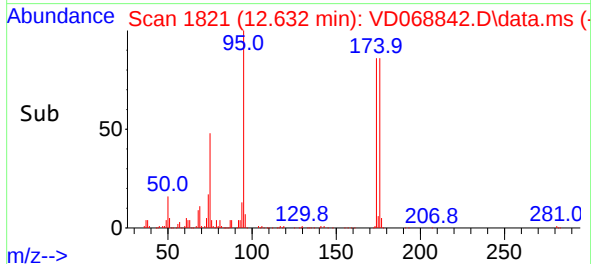
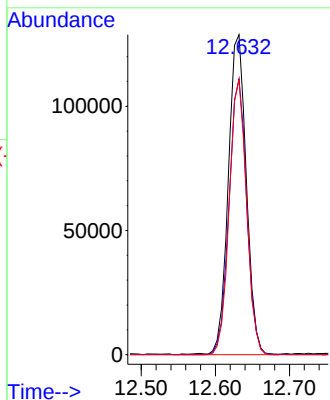
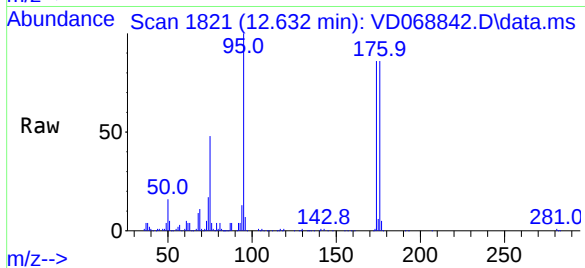




#62
4-Bromofluorobenzene
Concen: 60.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068842.D
Acq: 12 Apr 2021 19:54

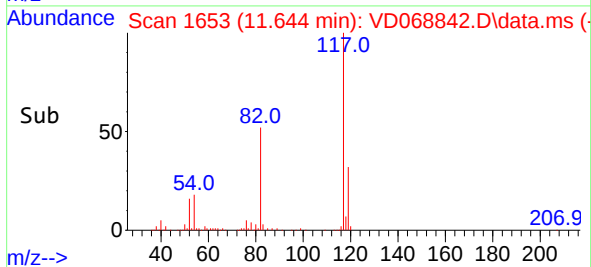
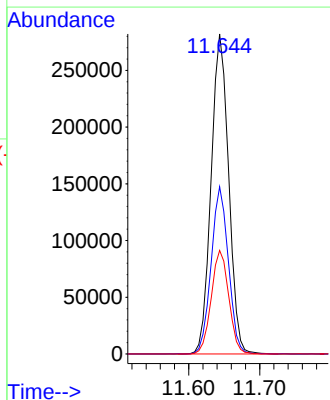
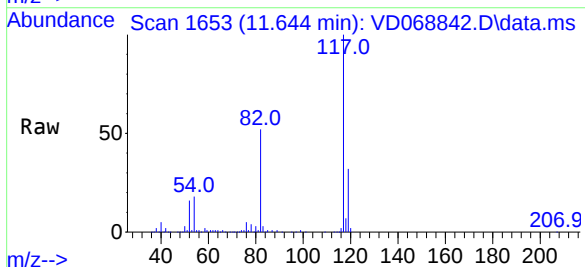
Instrument :
MSVOA_D
ClientSampled :
SB1-B

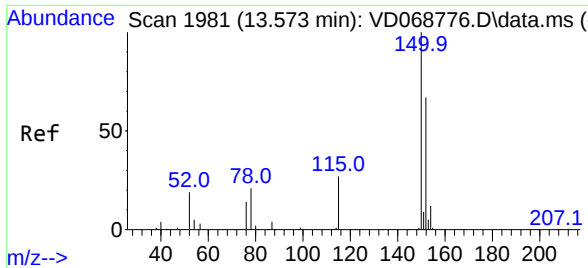
Tgt Ion: 95 Resp: 217609
Ion Ratio Lower Upper
95 100
174 84.2 0.0 168.0
176 82.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068842.D
Acq: 12 Apr 2021 19:54

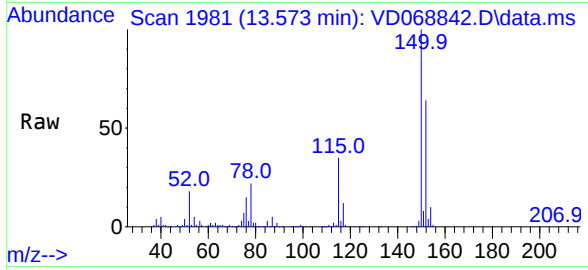
Tgt Ion: 117 Resp: 482781
Ion Ratio Lower Upper
117 100
82 52.3 43.5 65.3
119 32.4 26.7 40.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068842.D
Acq: 12 Apr 2021 19:54

Instrument :
MSVOA_D
ClientSampleId :
SB1-B



Tgt Ion:152 Resp: 229204
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 157.7 0.0 347.6

