

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068226.D
 Acq On : 28 Jan 2021 16:34
 Operator : VA/SY
 Sample : M1270-05
 Misc : 5.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RS-SP3

Quant Time: Jan 29 00:10:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

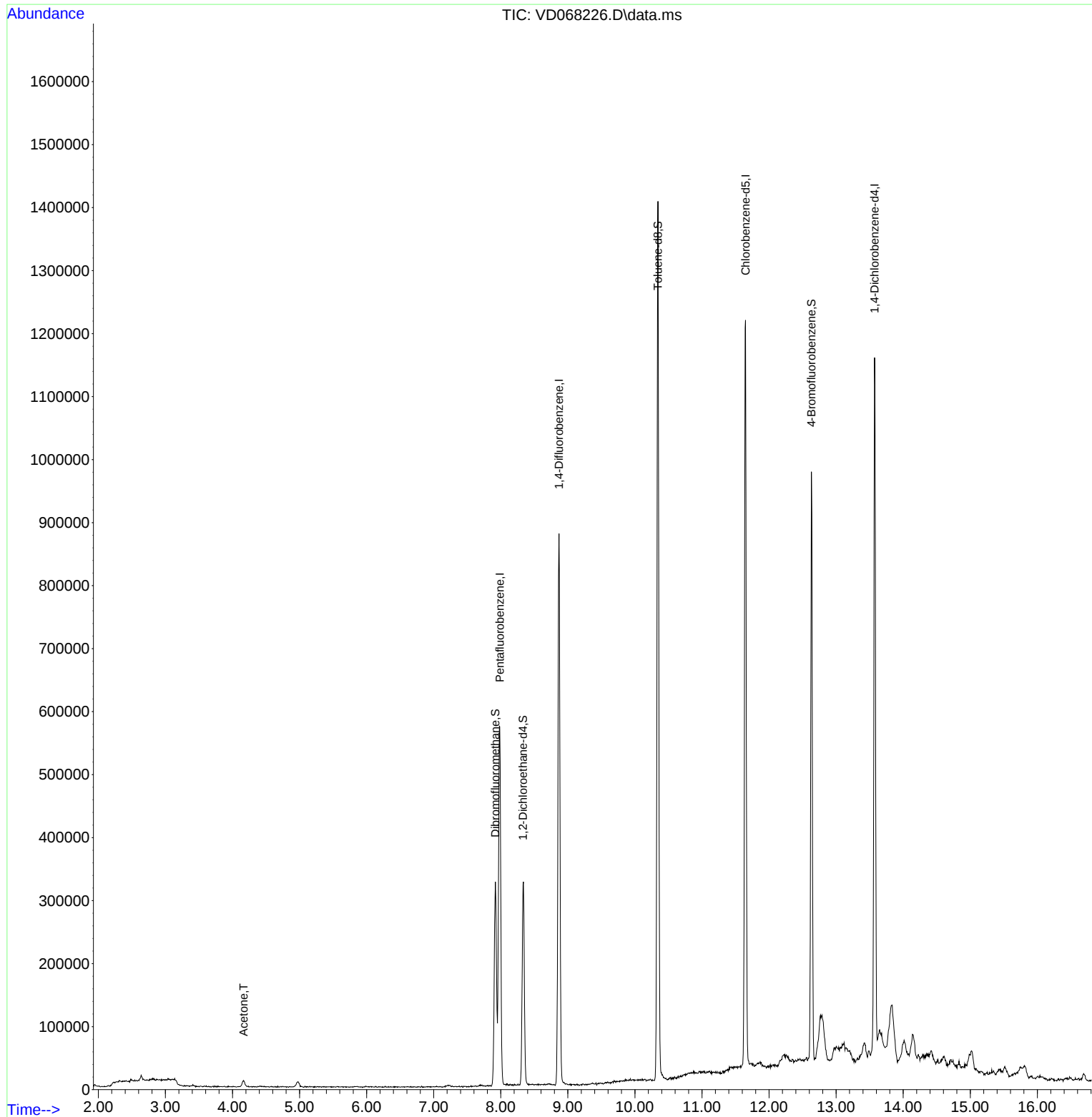
Internal Standards						
1) Pentafluorobenzene	7.985	168	447961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	794031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	708702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	305263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	260086	60.69	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 121.38%		
35) Dibromofluoromethane	7.920	113	238627	54.36	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.72%		
50) Toluene-d8	10.343	98	978049	55.70	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 111.40%		
62) 4-Bromofluorobenzene	12.632	95	321972	50.92	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 101.84%		
Target Compounds						
16) Acetone	4.167	43	18255	23.86	ug/l	Qvalue 95

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

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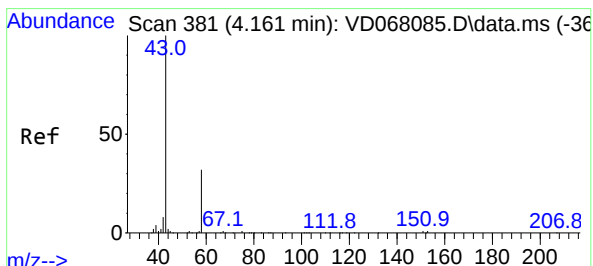
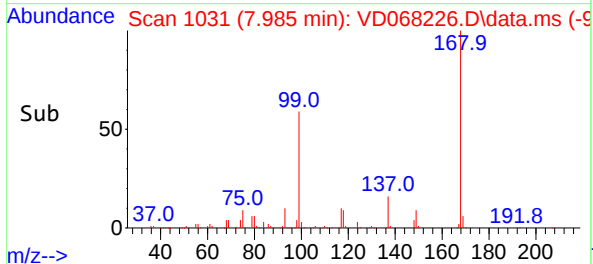
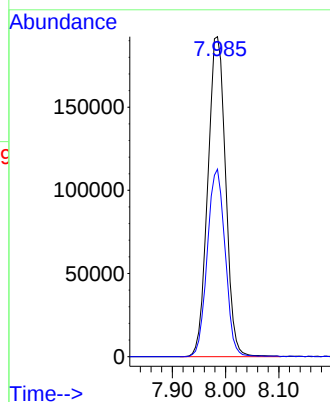
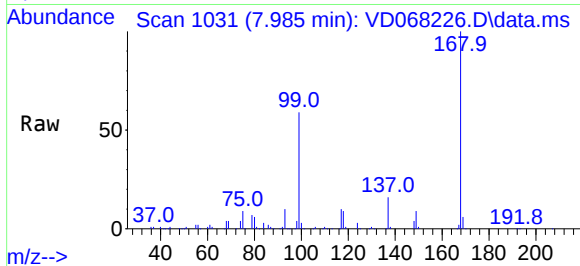




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

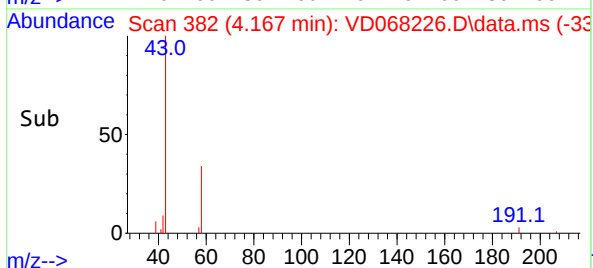
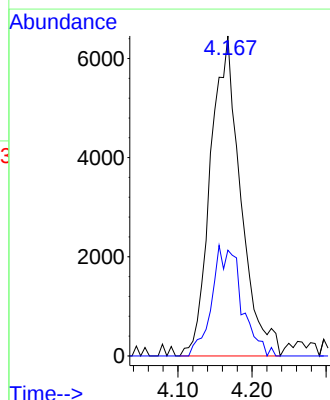
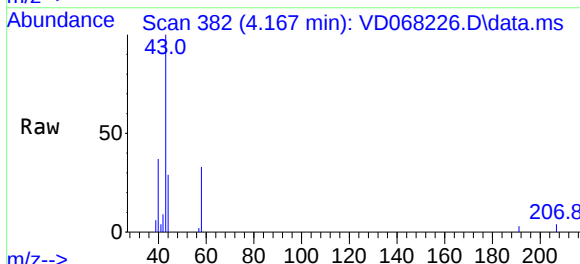
Instrument :
MSVOA_D
ClientSampled :
RS-SP3

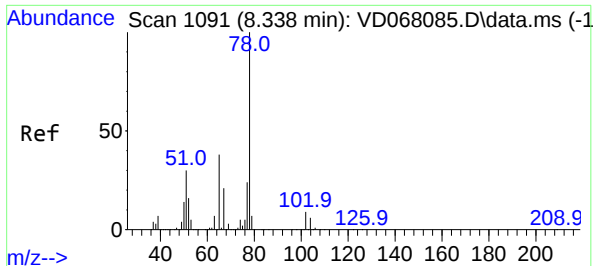
Tgt Ion:168 Resp: 447961
Ion Ratio Lower Upper
168 100
99 58.6 43.5 65.3



#16
Acetone
Concen: 23.86 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 43 Resp: 18255
Ion Ratio Lower Upper
43 100
58 33.0 24.2 36.4

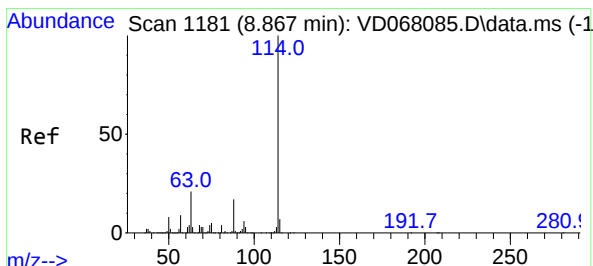
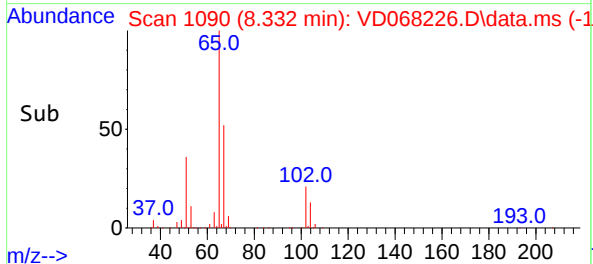
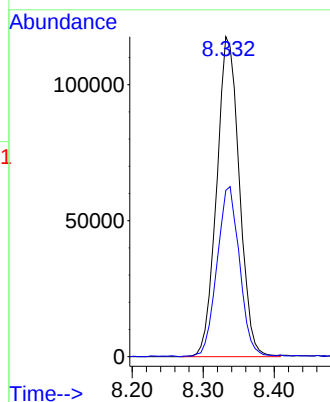
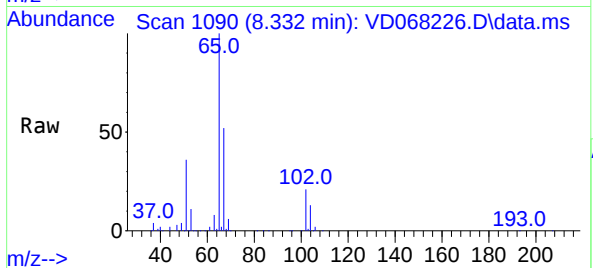




#33
1,2-Dichloroethane-d4
Concen: 60.69 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

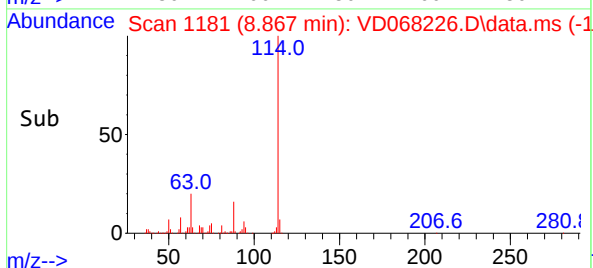
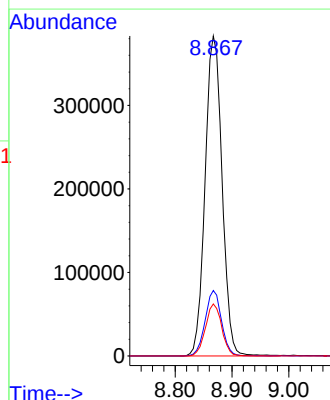
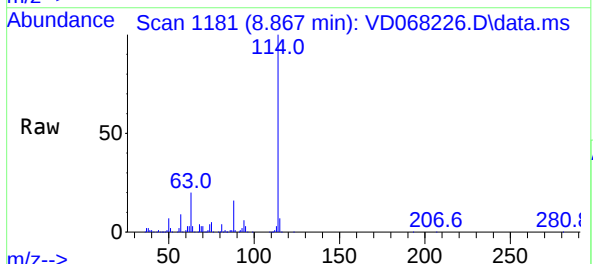
Instrument :
MSVOA_D
ClientSampleId :
RS-SP3

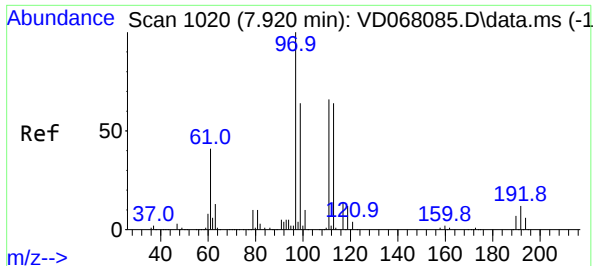
Tgt Ion: 65 Resp: 260086
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 114 Resp: 794031
Ion Ratio Lower Upper
114 100
63 20.5 0.0 34.8
88 16.3 0.0 31.6

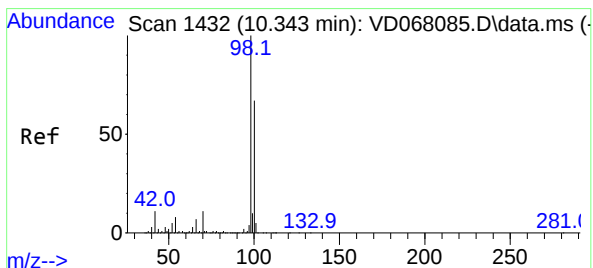
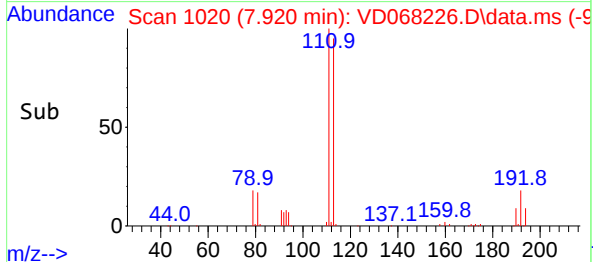
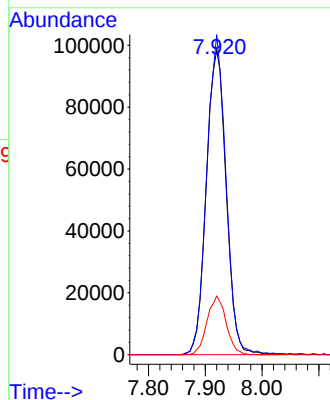
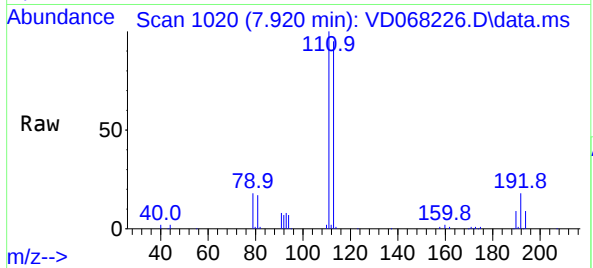




#35
Dibromofluoromethane
Concen: 54.36 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

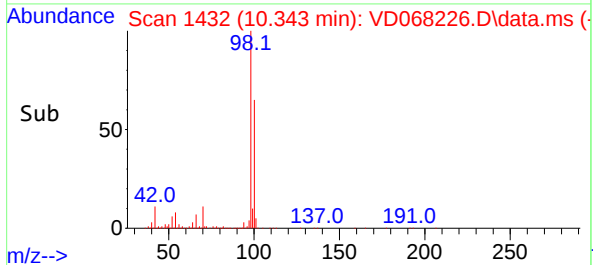
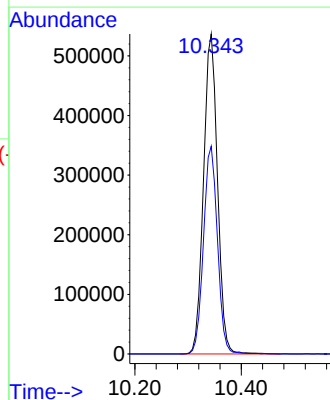
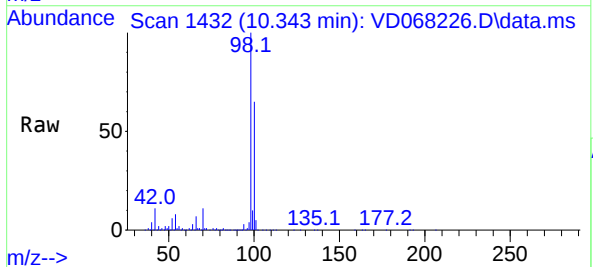
Instrument :
MSVOA_D
ClientSampleId :
RS-SP3

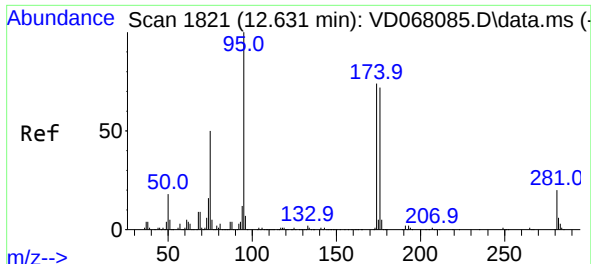
Tgt Ion:113 Resp: 238627
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 18.4 16.1 24.1



#50
Toluene-d8
Concen: 55.70 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 98 Resp: 978049
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



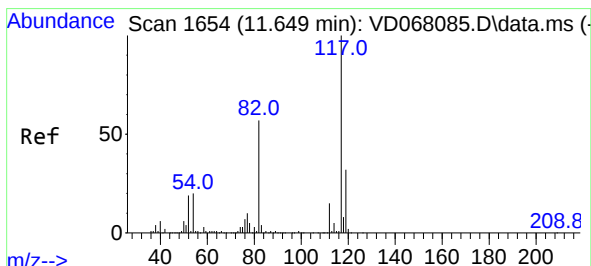
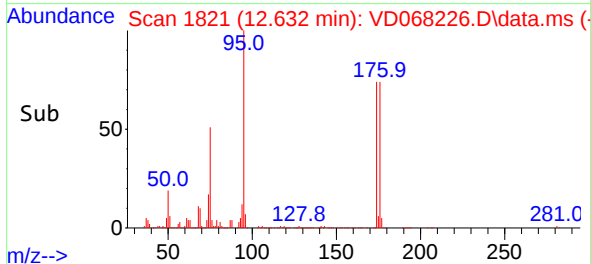
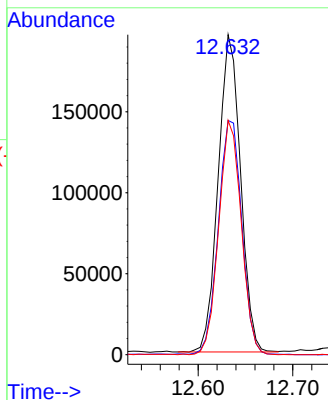
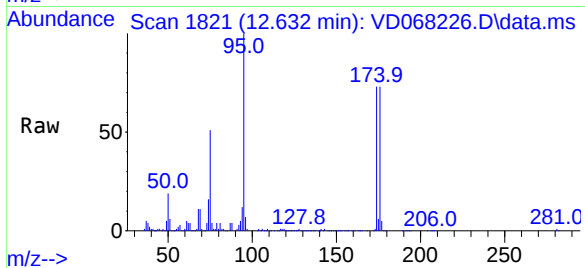


#62
4-Bromofluorobenzene
Concen: 50.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Instrument :
MSVOA_D
ClientSampleId :
RS-SP3

Tgt Ion: 95 Resp: 321972

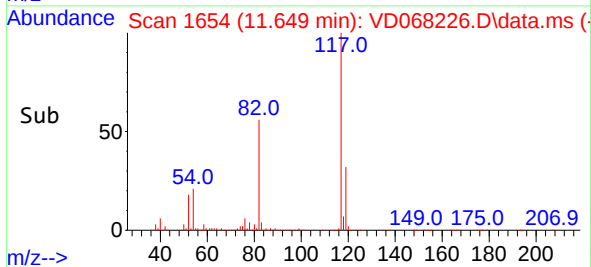
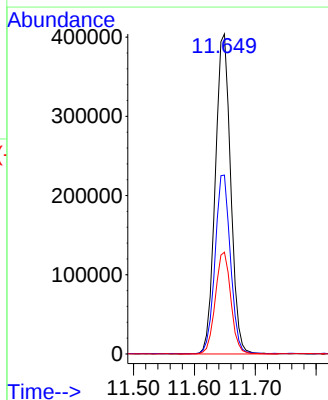
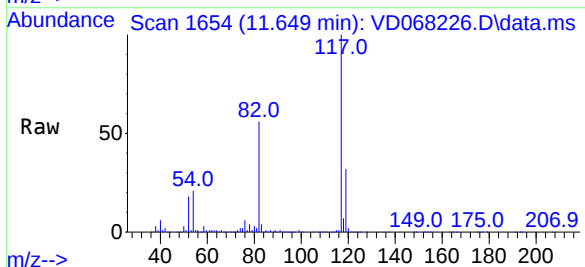
Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	172.4
176	74.4	0.0	168.4

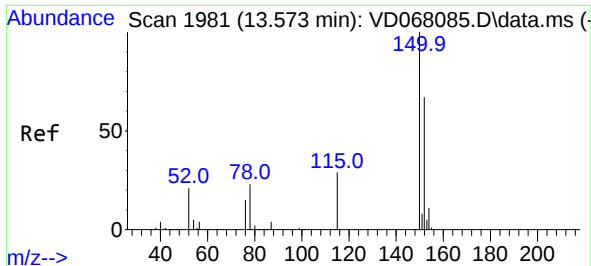


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 117 Resp: 708702

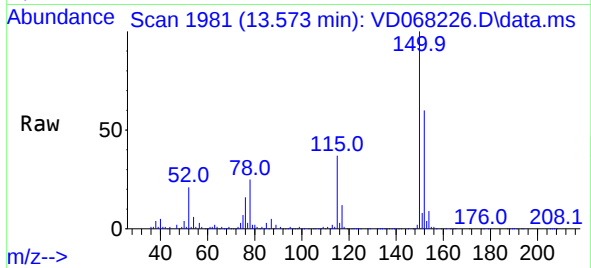
Ion	Ratio	Lower	Upper
117	100		
82	55.7	41.4	62.0
119	31.7	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Instrument :
MSVOA_D
ClientSampleId :
RS-SP3



Tgt Ion:152 Resp: 305263
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.8
150 158.1 0.0 344.4

