

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
 Data File : VD068302.D
 Acq On : 05 Feb 2021 15:52
 Operator : VA/SY
 Sample : M1315-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-1A

Quant Time: Feb 05 21:42:45 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)

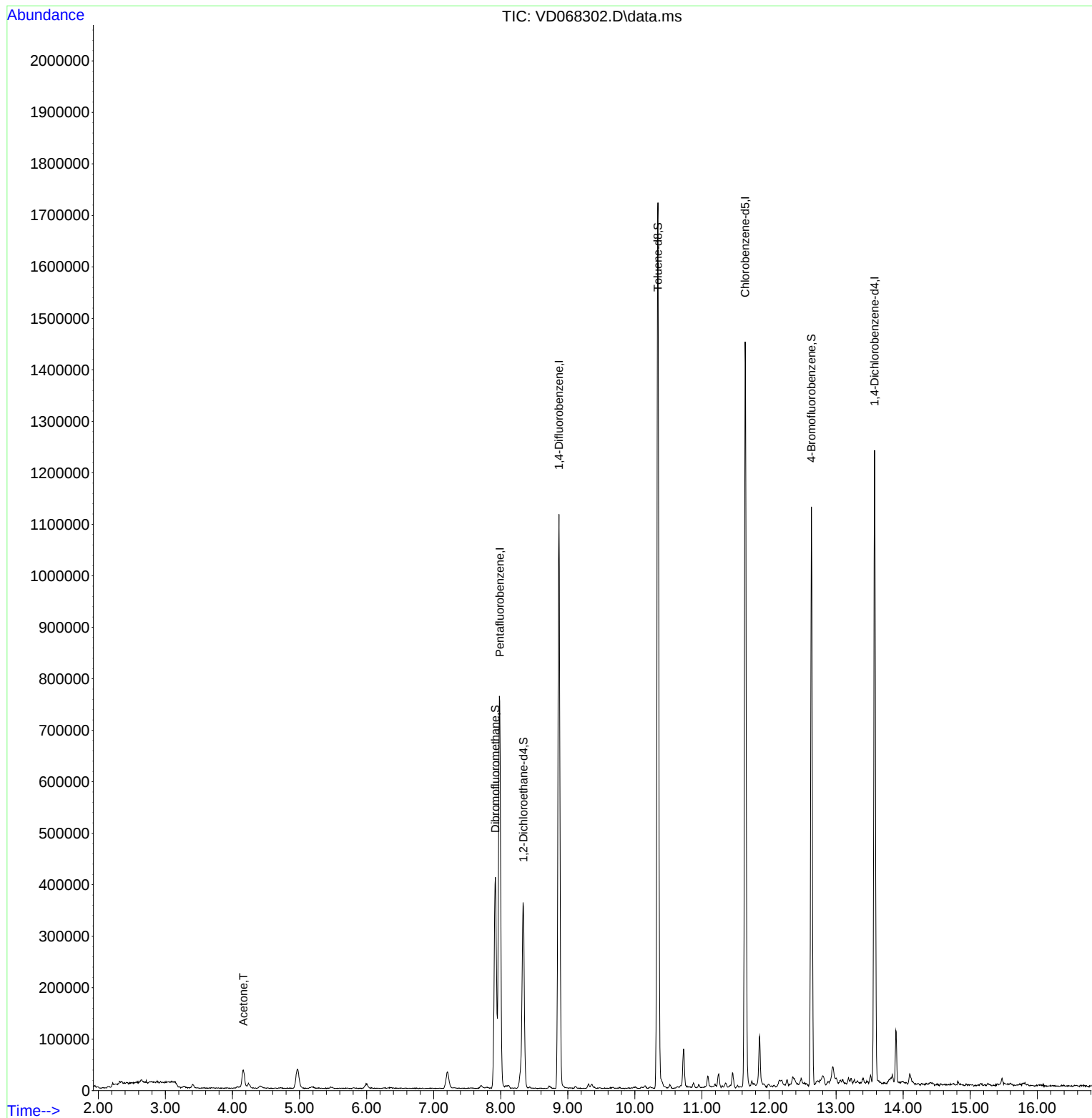
Internal Standards						
1) Pentafluorobenzene	7.985	168	589248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1015302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	880061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	342020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	291041	51.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.26%	
35) Dibromofluoromethane	7.920	113	301064	53.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.28%	
50) Toluene-d8	10.344	98	1236694	55.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.16%	
62) 4-Bromofluorobenzene	12.632	95	366806	45.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.74%	
Target Compounds						
16) Acetone	4.162	43	64079	63.67	ug/l	Qvalue 94

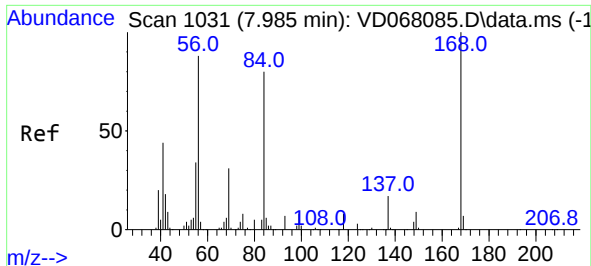
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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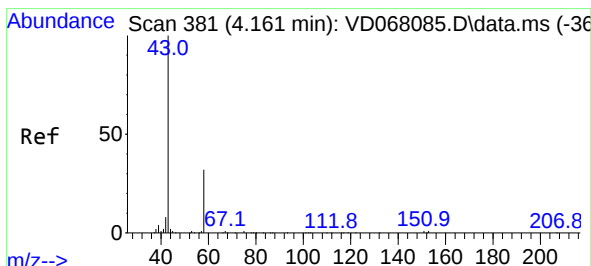
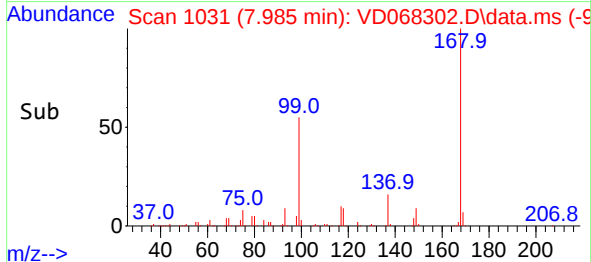
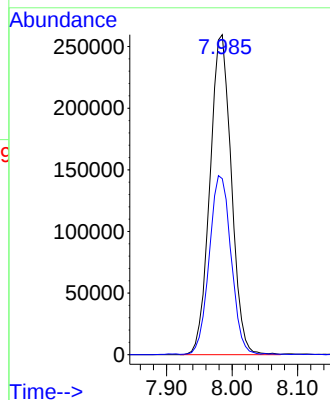
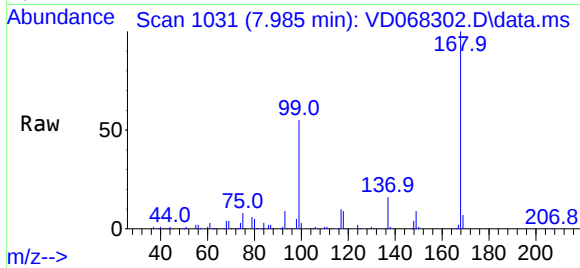




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068302.D
Acq: 05 Feb 2021 15:52

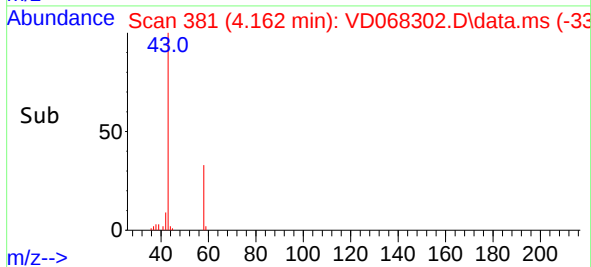
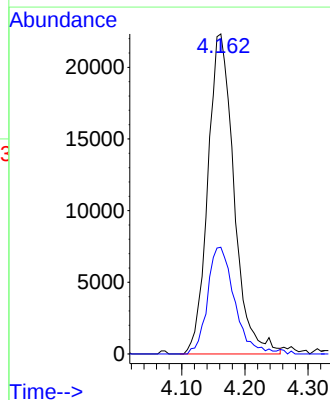
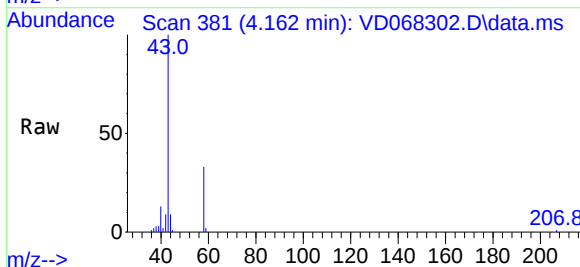
Instrument :
MSVOA_D
ClientSampled :
TS-1A

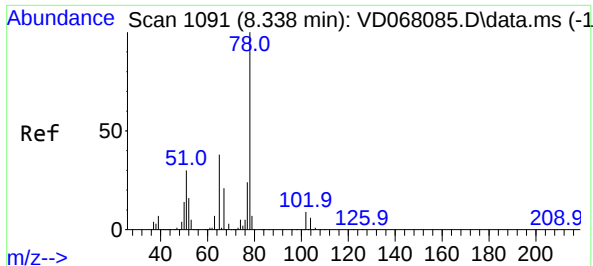
Tgt Ion:168 Resp: 589248
Ion Ratio Lower Upper
168 100
99 54.9 43.5 65.3



#16
Acetone
Concen: 63.67 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068302.D
Acq: 05 Feb 2021 15:52

Tgt Ion: 43 Resp: 64079
Ion Ratio Lower Upper
43 100
58 33.4 24.2 36.4

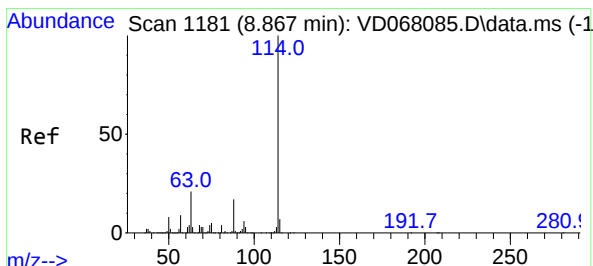
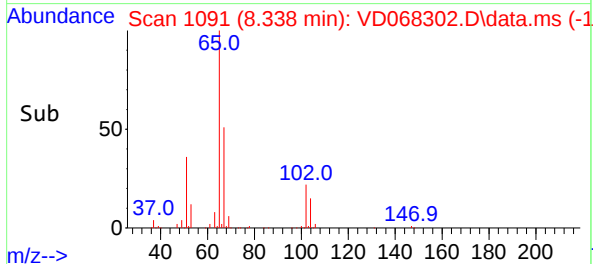
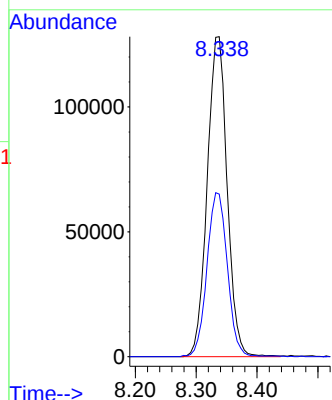
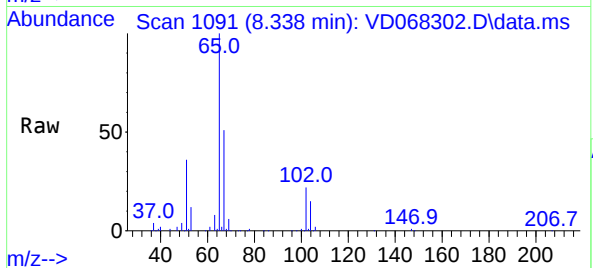




#33
1,2-Dichloroethane-d4
Concen: 51.63 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068302.D
Acq: 05 Feb 2021 15:52

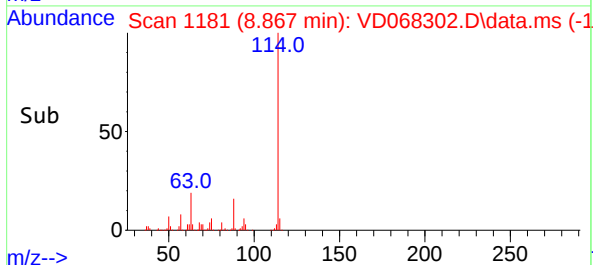
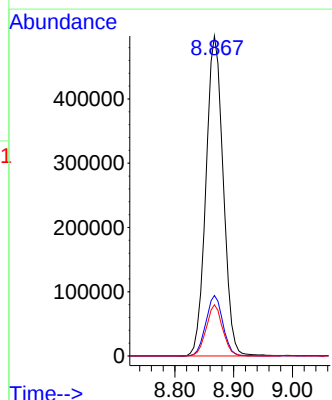
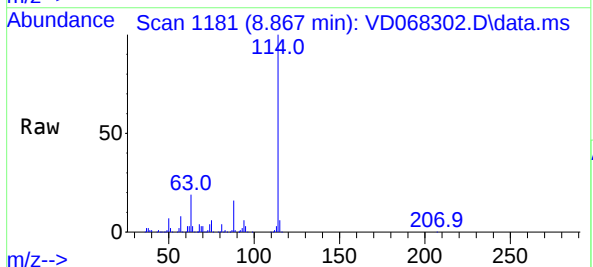
Instrument :
MSVOA_D
ClientSampled :
TS-1A

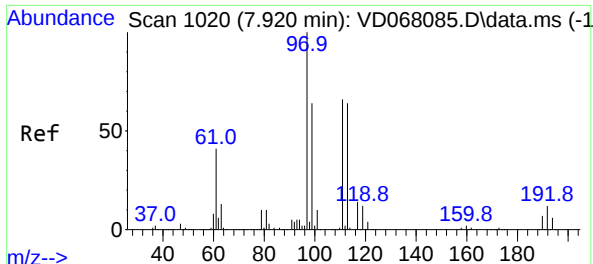
Tgt Ion: 65 Resp: 291041
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068302.D
Acq: 05 Feb 2021 15:52

Tgt Ion: 114 Resp: 1015302
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.8
88 16.0 0.0 31.6

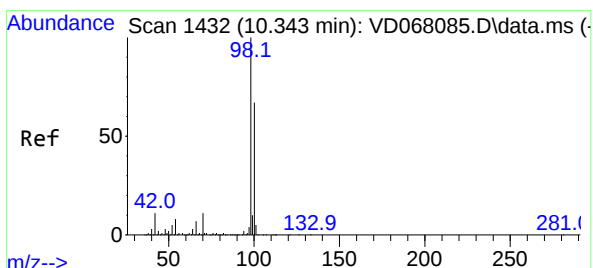
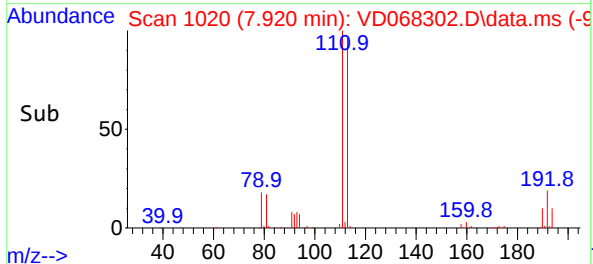
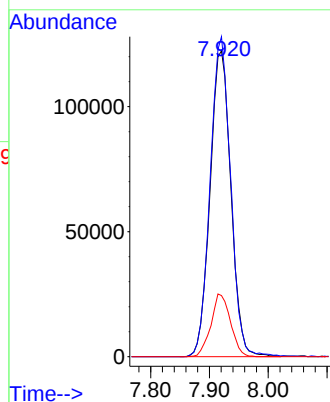
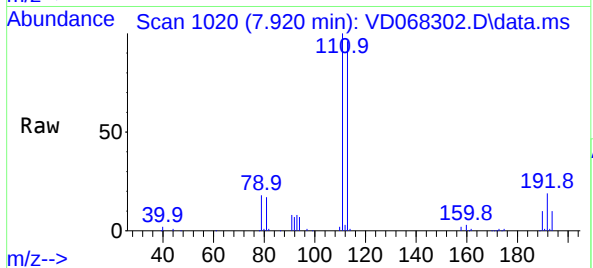




#35
Dibromofluoromethane
Concen: 53.64 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068302.D
Acq: 05 Feb 2021 15:52

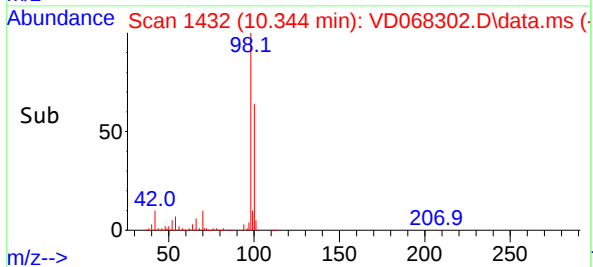
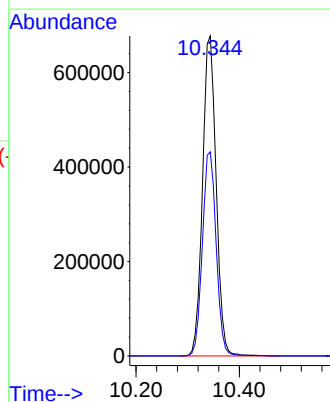
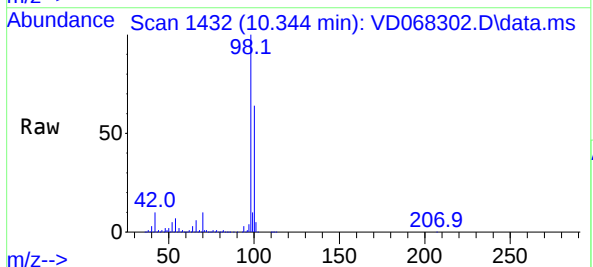
Instrument :
MSVOA_D
ClientSampled :
TS-1A

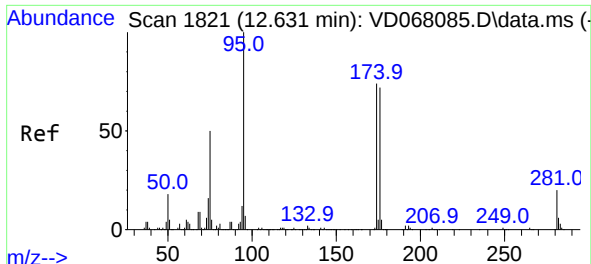
Tgt Ion:113 Resp: 301064
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.2 16.1 24.1



#50
Toluene-d8
Concen: 55.08 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068302.D
Acq: 05 Feb 2021 15:52

Tgt Ion: 98 Resp: 1236694
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4

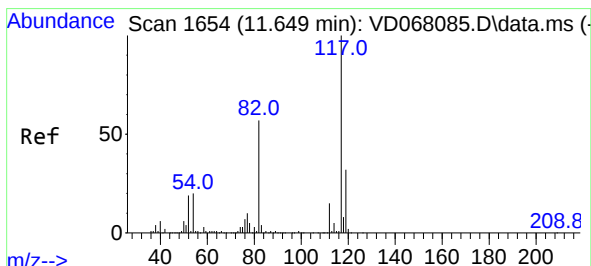
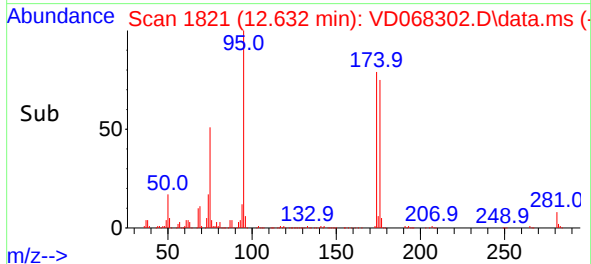
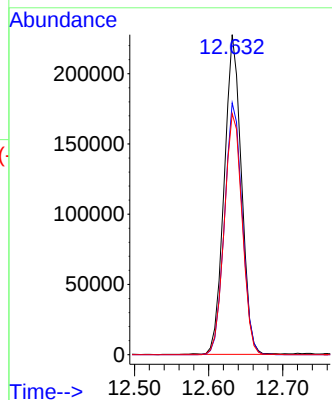
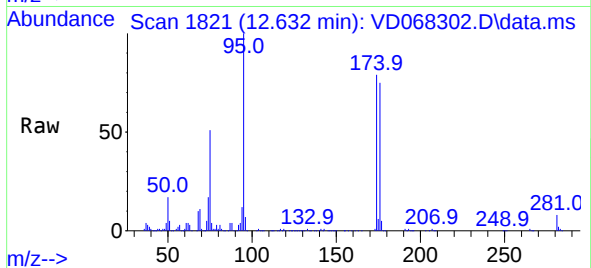




#62
4-Bromofluorobenzene
Concen: 45.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068302.D
Acq: 05 Feb 2021 15:52

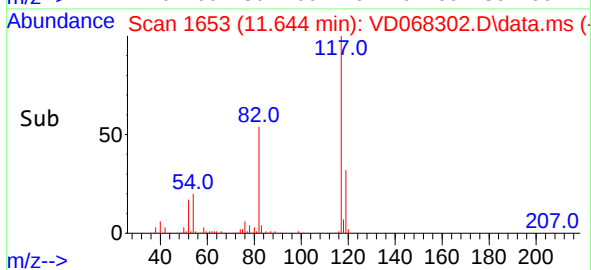
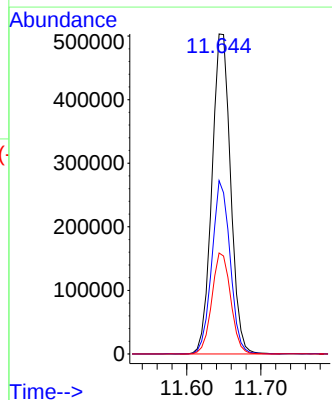
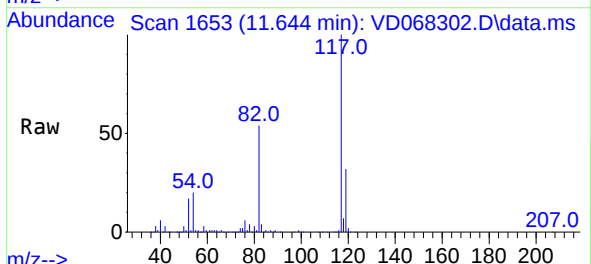
Instrument :
MSVOA_D
ClientSampled :
TS-1A

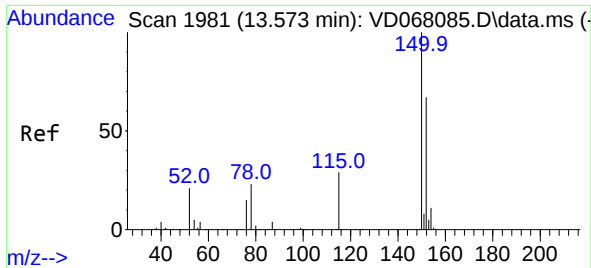
Tgt Ion: 95 Resp: 366806
Ion Ratio Lower Upper
95 100
174 80.8 0.0 172.4
176 78.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068302.D
Acq: 05 Feb 2021 15:52

Tgt Ion: 117 Resp: 880061
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 31.5 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: VD068302.D
 Acq: 05 Feb 2021 15:52

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-1A

Tgt Ion:	152	Resp:	342020
Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.9	86.8
150	154.4	0.0	344.4

