

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068381.D
 Acq On : 17 Feb 2021 14:25
 Operator : VA/SY
 Sample : M1422-01
 Misc : 6.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-021621

Quant Time: Feb 18 00:12:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

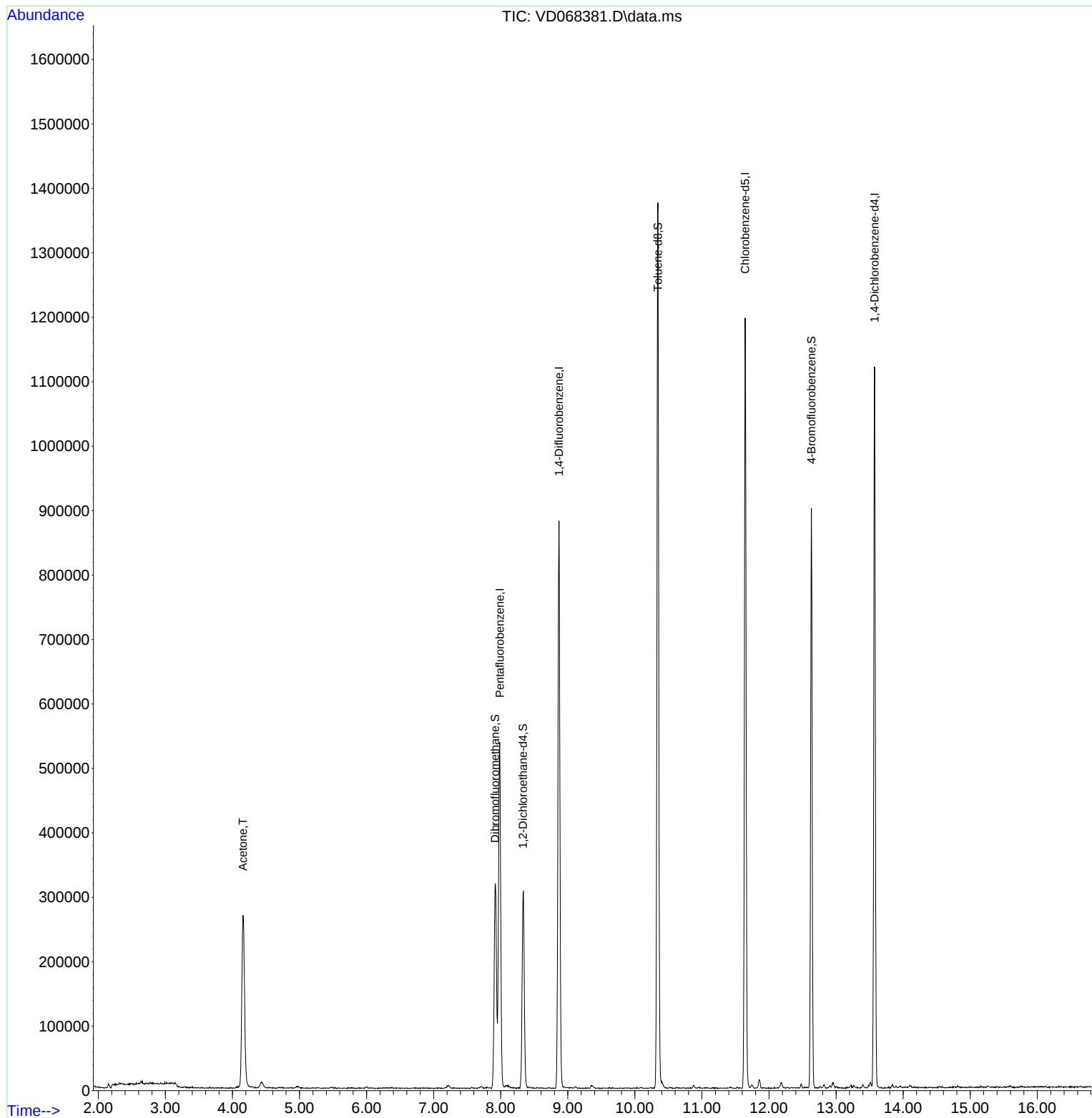
Internal Standards						
1) Pentafluorobenzene	7.985	168	401571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	780472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	695859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	295431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	242087	58.97	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.94%
35) Dibromofluoromethane	7.914	113	237046	51.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.34%
50) Toluene-d8	10.344	98	972770	50.66	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.32%
62) 4-Bromofluorobenzene	12.632	95	302865	48.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.84%
Target Compounds						
16) Acetone	4.156	43	475704	751.06	ug/l	Qvalue 94

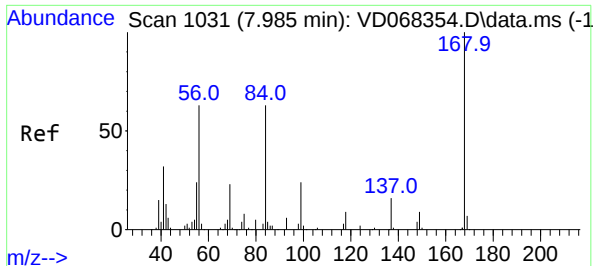
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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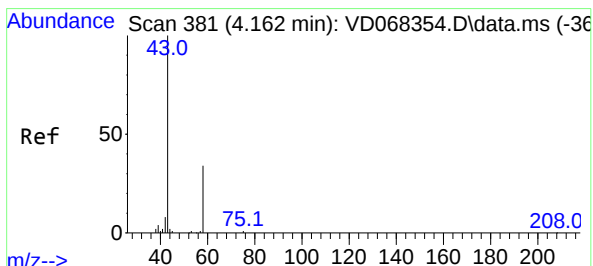
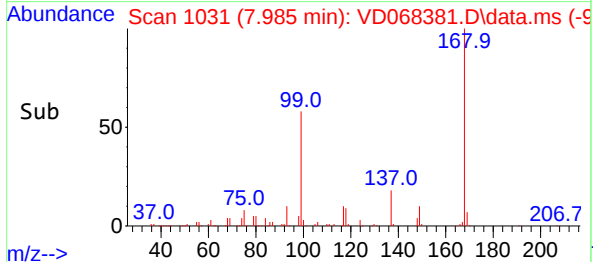
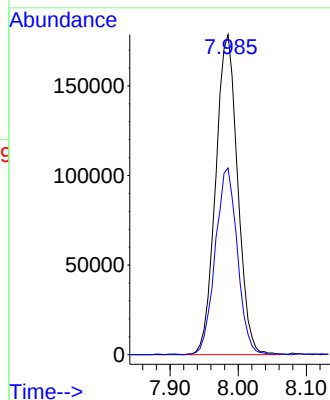
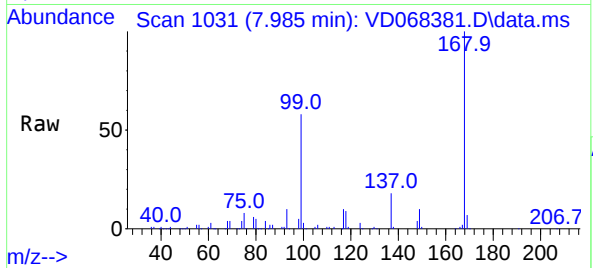




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068381.D
Acq: 17 Feb 2021 14:25

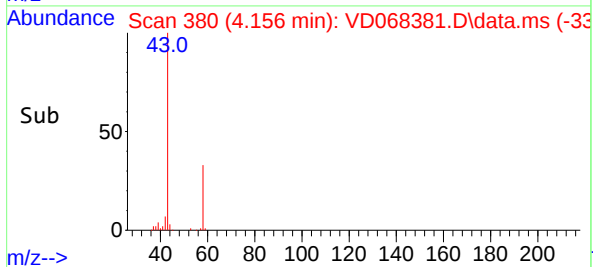
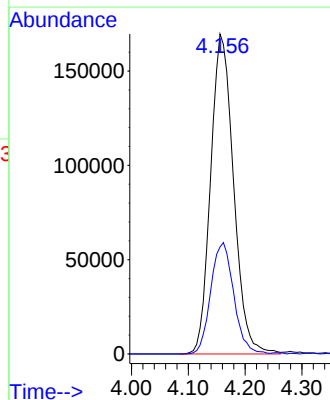
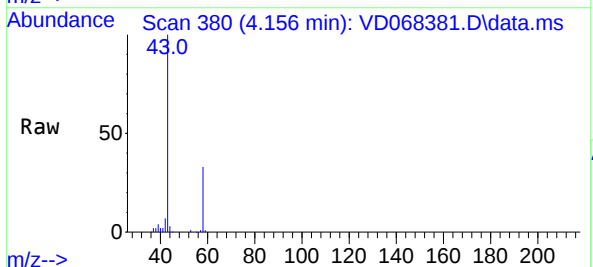
Instrument :
MSVOA_D
ClientSampleId :
BU-03-021621

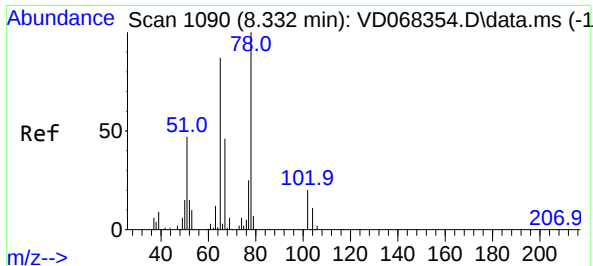
Tgt Ion:168 Resp: 401571
Ion Ratio Lower Upper
168 100
99 58.3 43.5 65.3



#16
Acetone
Concen: 751.06 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068381.D
Acq: 17 Feb 2021 14:25

Tgt Ion: 43 Resp: 475704
Ion Ratio Lower Upper
43 100
58 33.4 24.2 36.4

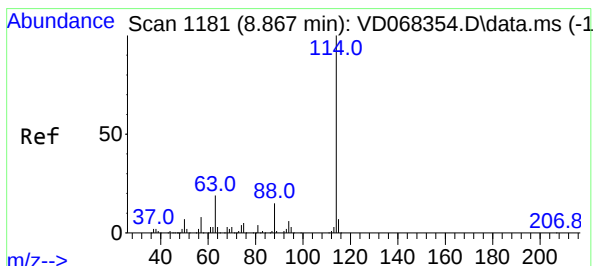
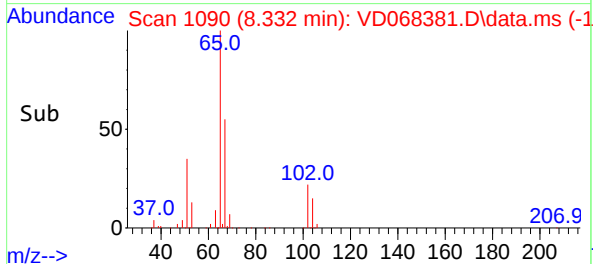
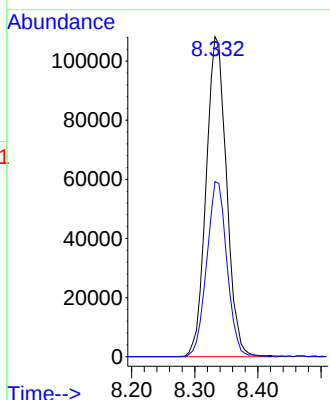
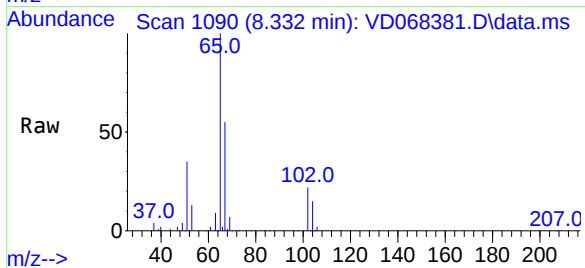




#33
1,2-Dichloroethane-d4
Concen: 58.97 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068381.D
Acq: 17 Feb 2021 14:25

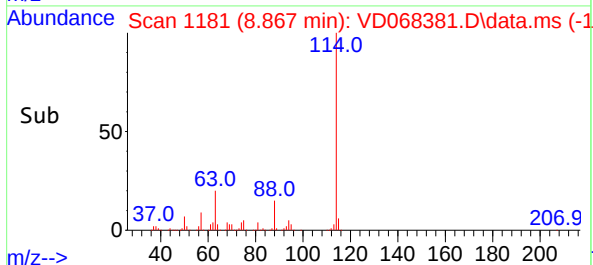
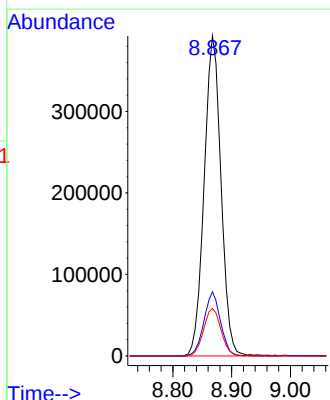
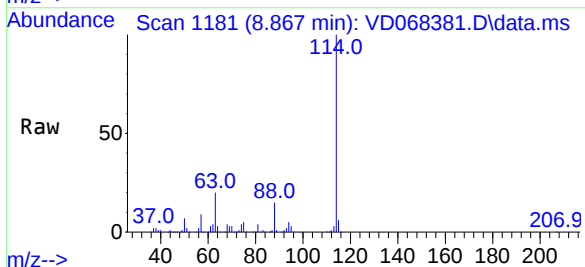
Instrument :
MSVOA_D
ClientSampleId :
BU-03-021621

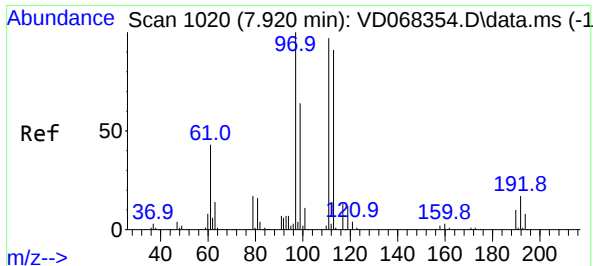
Tgt Ion: 65 Resp: 242087
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068381.D
Acq: 17 Feb 2021 14:25

Tgt Ion: 114 Resp: 780472
Ion Ratio Lower Upper
114 100
63 20.1 0.0 34.8
88 14.9 0.0 31.6

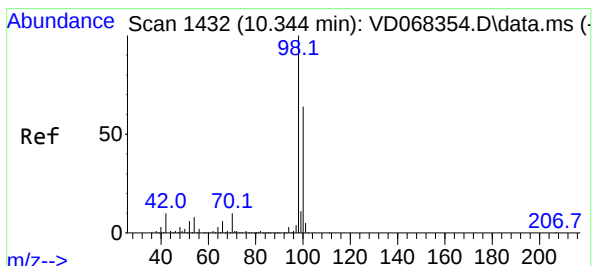
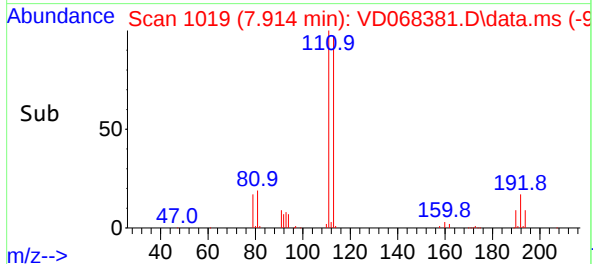
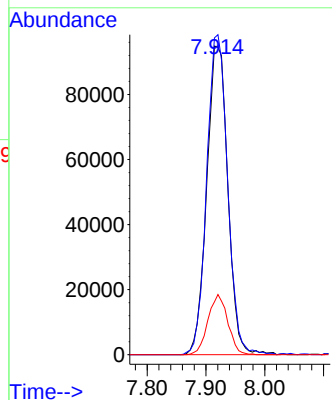
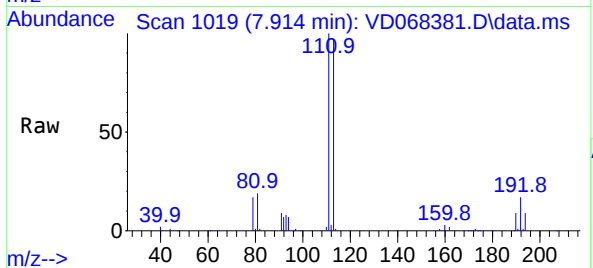




#35
Dibromofluoromethane
Concen: 51.17 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068381.D
Acq: 17 Feb 2021 14:25

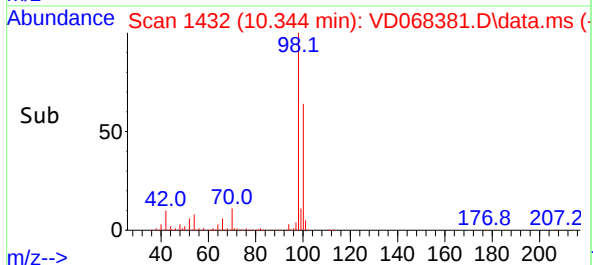
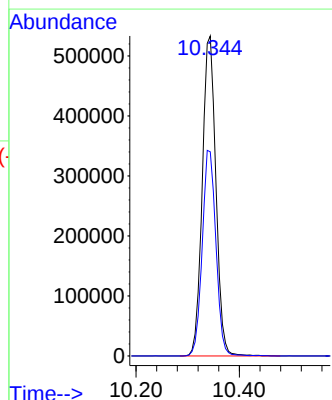
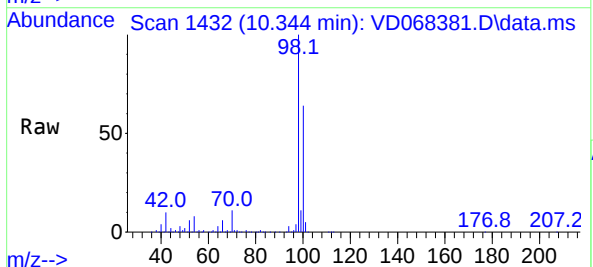
Instrument :
MSVOA_D
ClientSampleId :
BU-03-021621

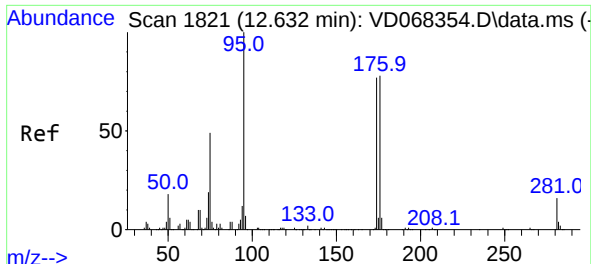
Tgt Ion:113 Resp: 237046
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 18.2 16.1 24.1



#50
Toluene-d8
Concen: 50.66 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068381.D
Acq: 17 Feb 2021 14:25

Tgt Ion: 98 Resp: 972770
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



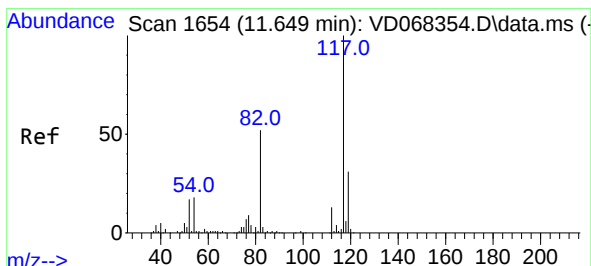
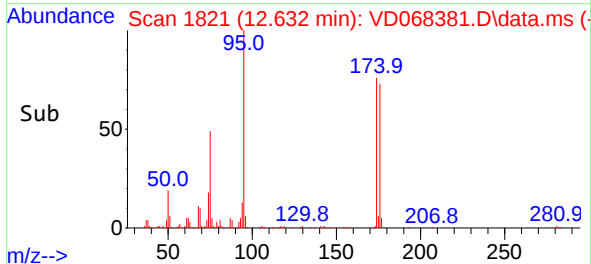
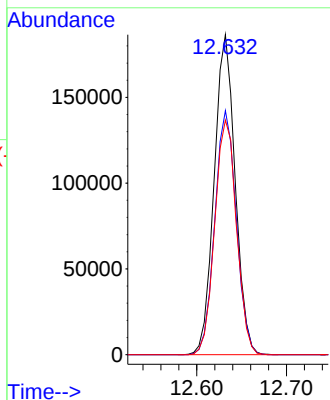
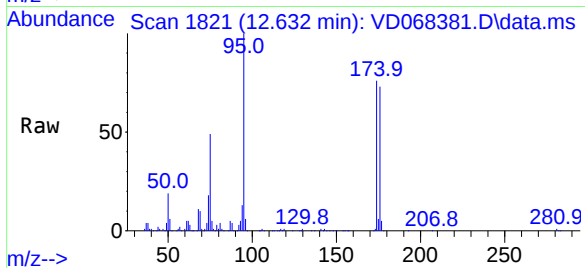


#62
4-Bromofluorobenzene
Concen: 48.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068381.D
Acq: 17 Feb 2021 14:25

Instrument :
MSVOA_D
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BU-03-021621

Tgt Ion: 95 Resp: 302865

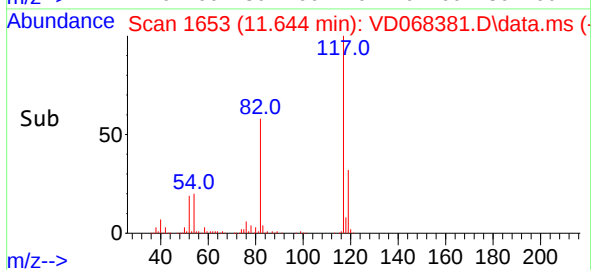
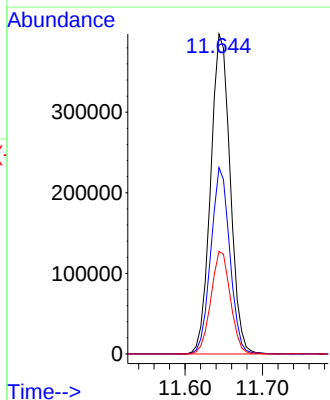
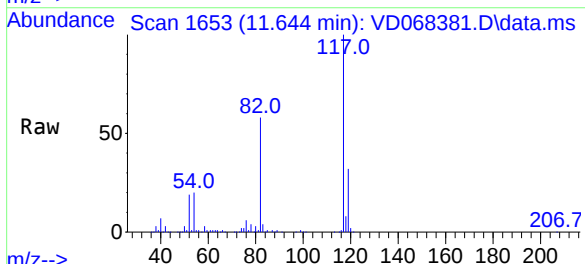
Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	172.4
176	75.9	0.0	168.4

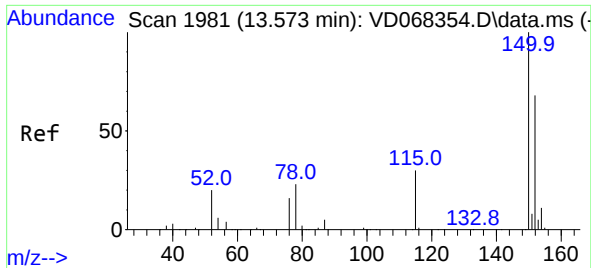


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068381.D
Acq: 17 Feb 2021 14:25

Tgt Ion: 117 Resp: 695859

Ion	Ratio	Lower	Upper
117	100		
82	58.2	41.4	62.0
119	32.0	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: VD068381.D
Acq: 17 Feb 2021 14:25

Instrument :
MSVOA_D
ClientSampleId :
BU-03-021621

Tgt Ion:152 Resp: 295431
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.8
150 158.7 0.0 344.4

