

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
 Data File : VD069553.D
 Acq On : 23 Jun 2021 19:03
 Operator : VA/SY
 Sample : M2834-02
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-B8-C8-B8A-C8A

Quant Time: Jun 24 06:11:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

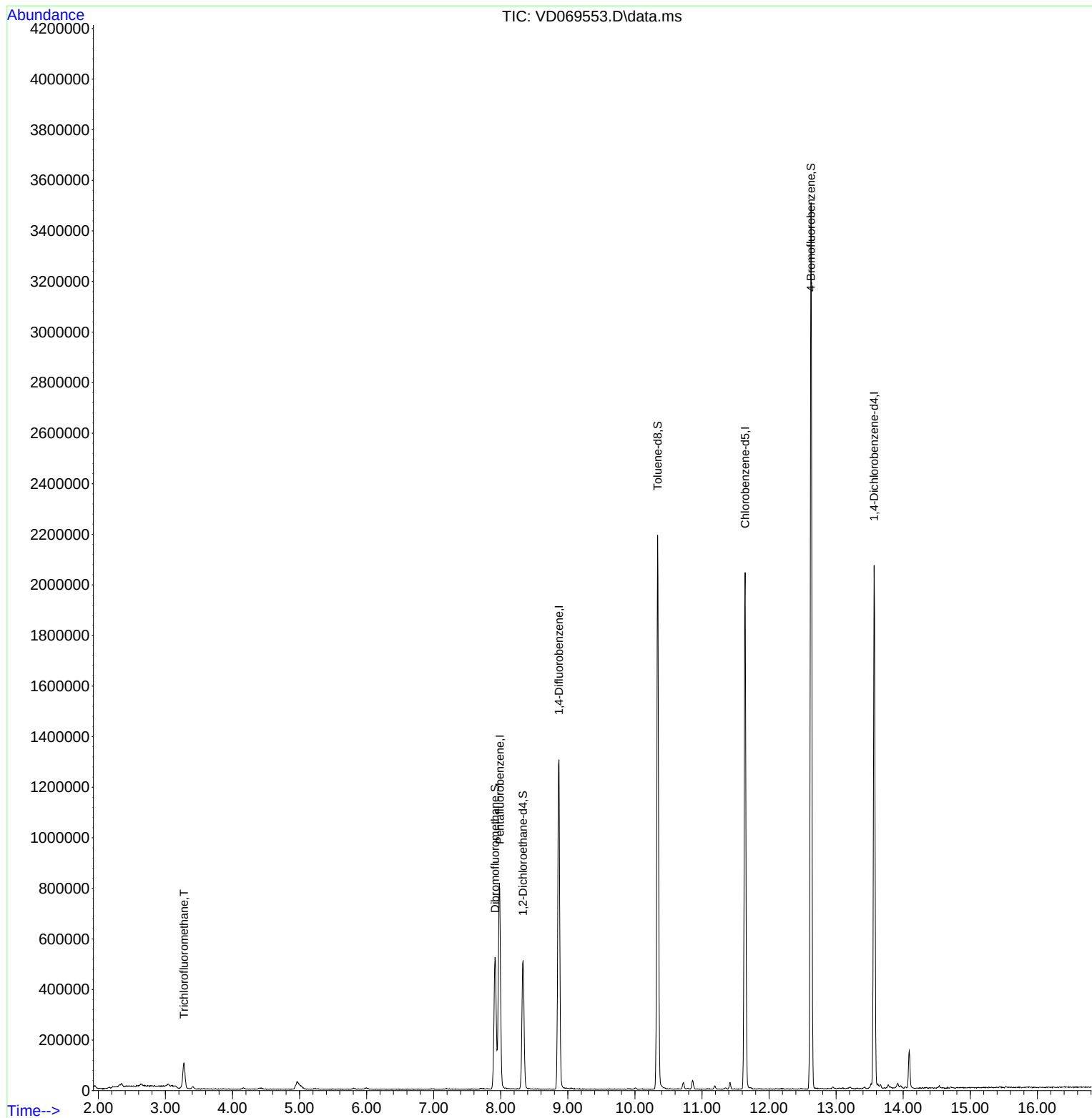
Internal Standards						
1) Pentafluorobenzene	7.985	168	567799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1115305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	1168248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	520073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	412076	58.22	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.44%			
35) Dibromofluoromethane	7.914	113	383108	50.82	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.64%			
50) Toluene-d8	10.337	98	1451252	51.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.64%			
62) 4-Bromofluorobenzene	12.626	95	586492	63.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 126.16%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.279	101	108161	10.26	ug/l	98

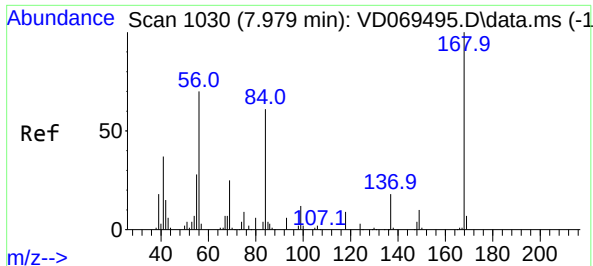
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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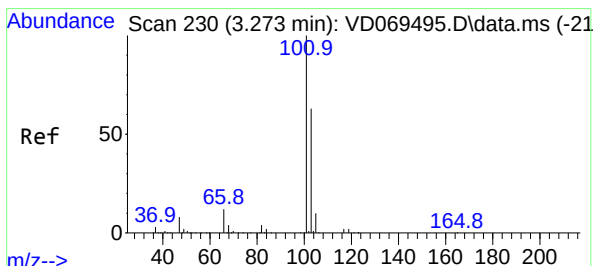
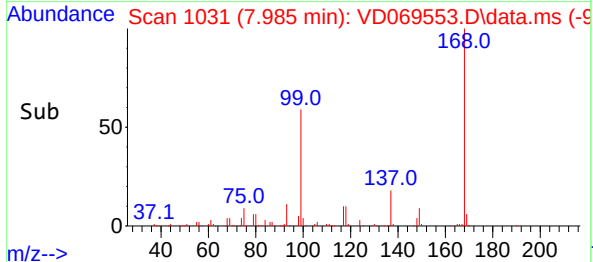
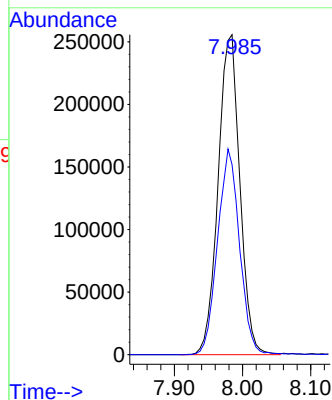
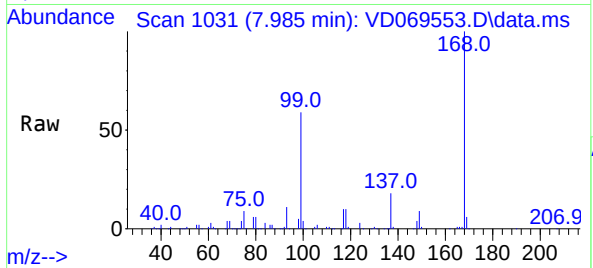




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069553.D
Acq: 23 Jun 2021 19:03

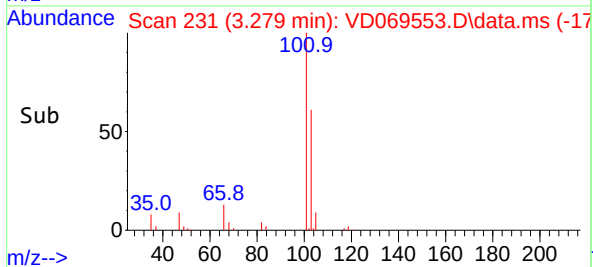
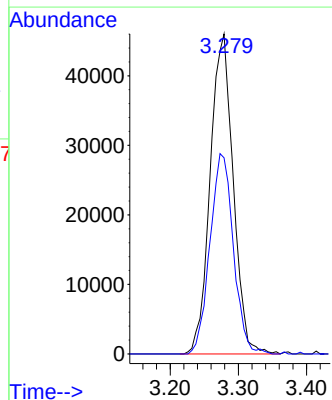
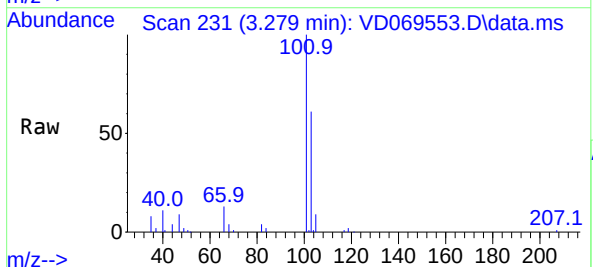
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-B8-C8-B8A-C8A

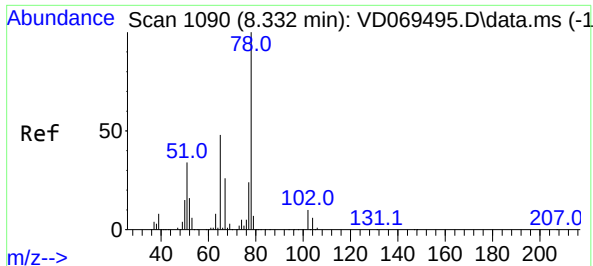
Tgt Ion:168 Resp: 567799
Ion Ratio Lower Upper
168 100
99 59.4 49.3 73.9



#7
Trichlorofluoromethane
Concen: 10.26 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.005 min
Lab File: VD069553.D
Acq: 23 Jun 2021 19:03

Tgt Ion:101 Resp: 108161
Ion Ratio Lower Upper
101 100
103 61.3 50.6 75.8

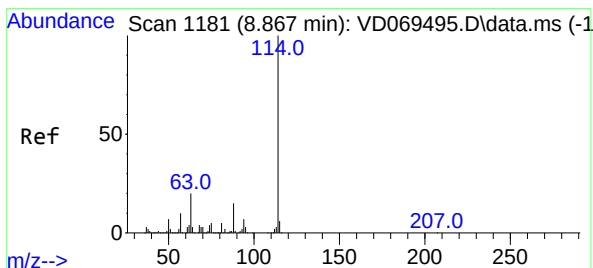
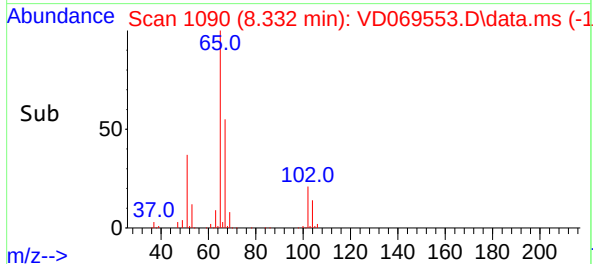
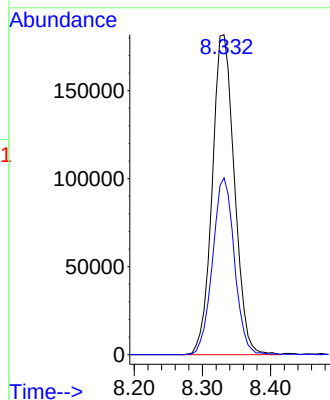
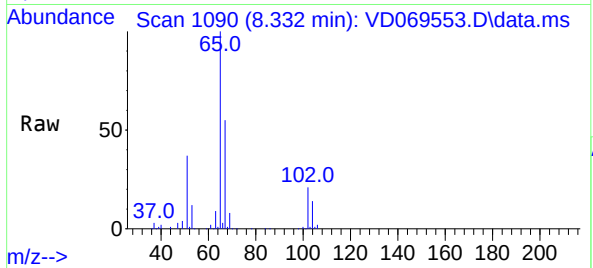




#33
1,2-Dichloroethane-d4
Concen: 58.22 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069553.D
Acq: 23 Jun 2021 19:03

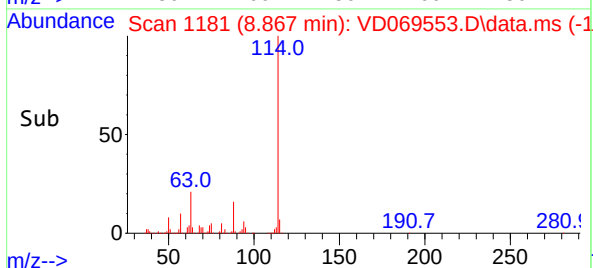
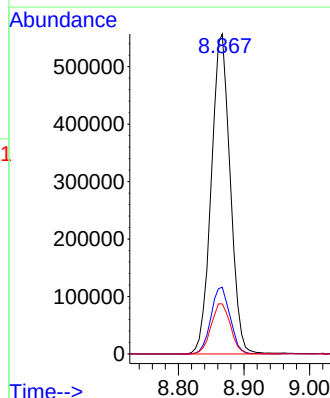
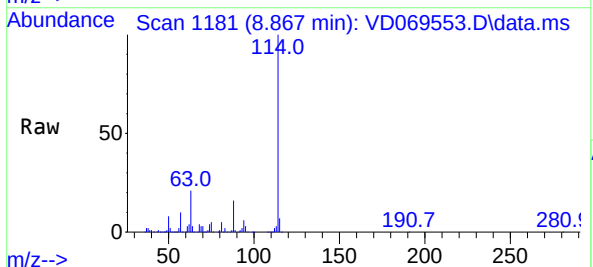
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-B8-C8-B8A-C8A

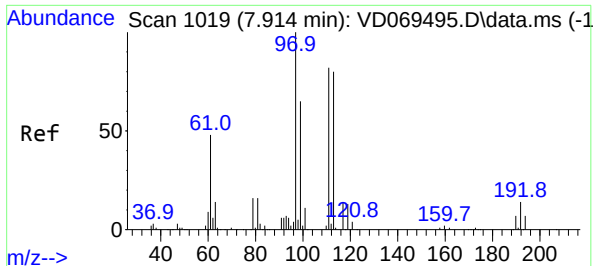
Tgt Ion: 65 Resp: 412076
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069553.D
Acq: 23 Jun 2021 19:03

Tgt Ion:114 Resp: 1115305
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.6
88 15.7 0.0 29.8

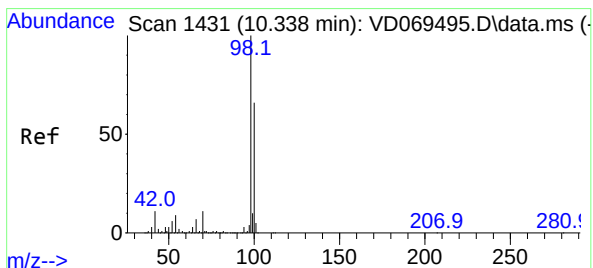
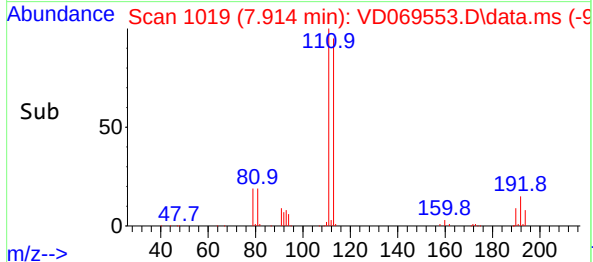
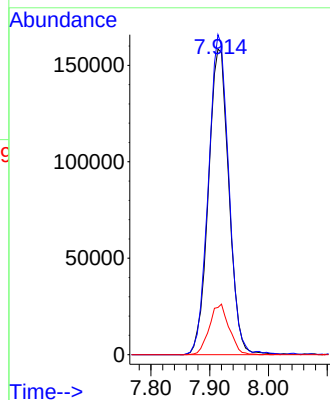
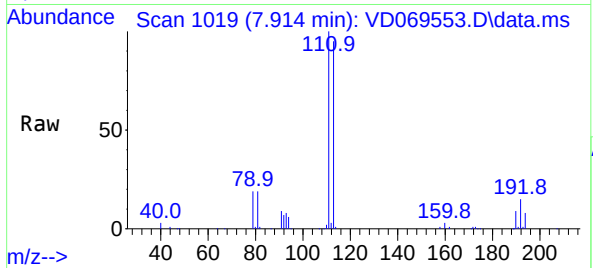




#35
Dibromofluoromethane
Concen: 50.82 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069553.D
Acq: 23 Jun 2021 19:03

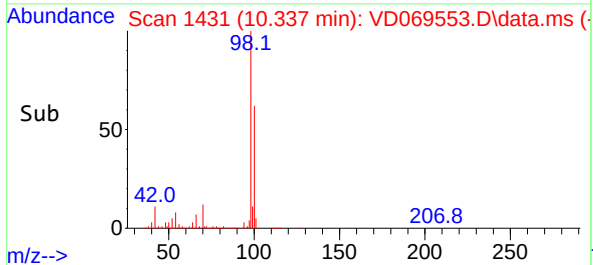
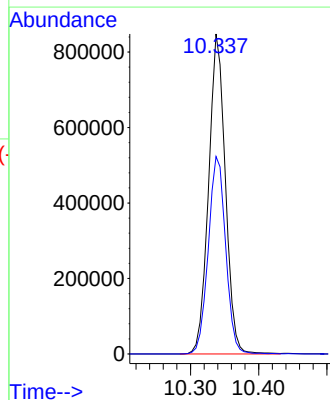
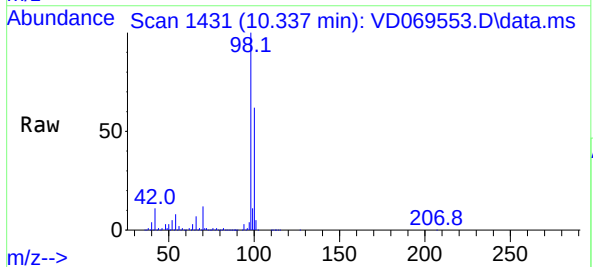
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-B8-C8-B8A-C8A

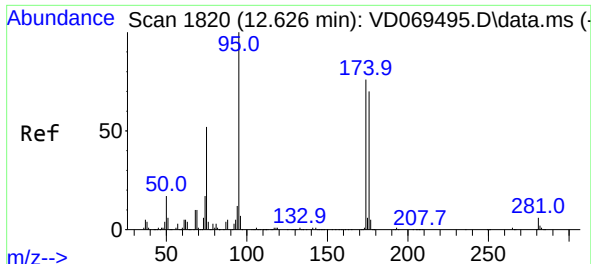
Tgt Ion:113 Resp: 383108
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.8
192 16.0 13.8 20.6



#50
Toluene-d8
Concen: 51.32 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069553.D
Acq: 23 Jun 2021 19:03

Tgt Ion: 98 Resp: 1451252
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5

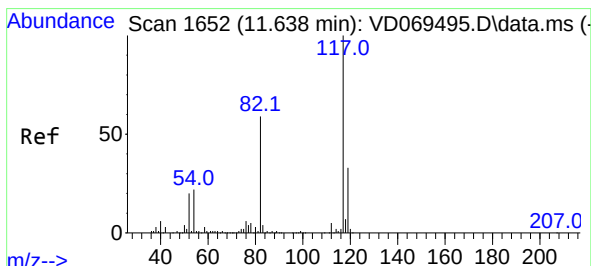
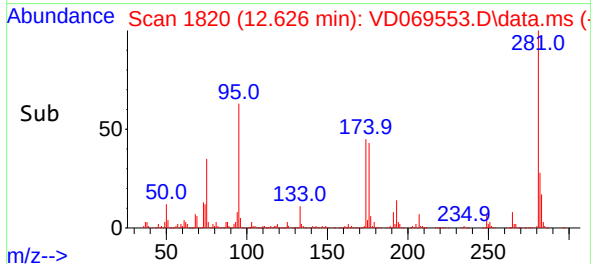
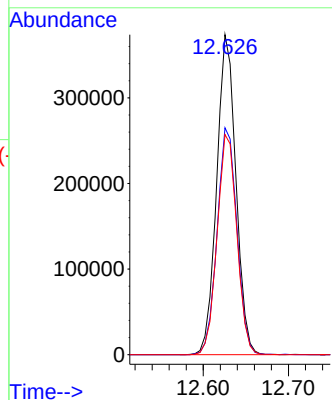
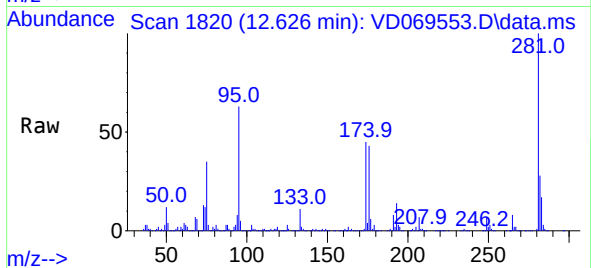




#62
4-Bromofluorobenzene
Concen: 63.08 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069553.D
Acq: 23 Jun 2021 19:03

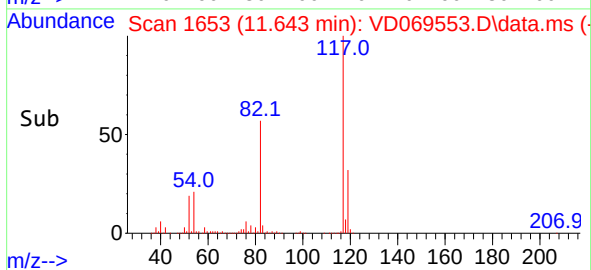
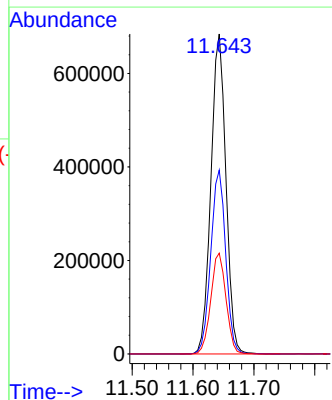
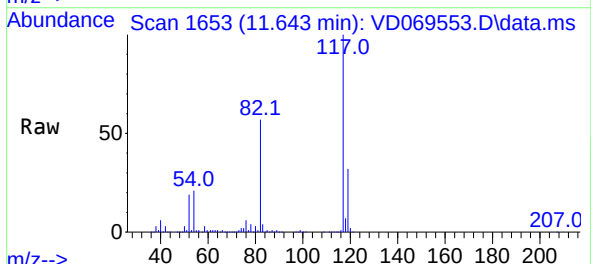
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-B8-C8-B8A-C8A

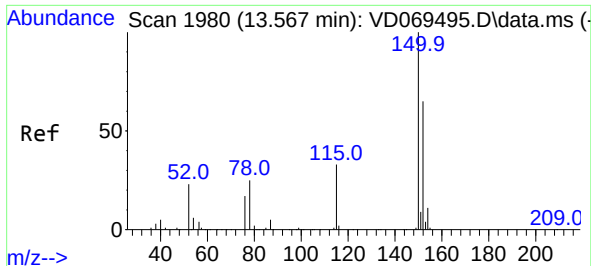
Tgt Ion: 95 Resp: 586492
Ion Ratio Lower Upper
95 100
174 73.0 0.0 148.0
176 70.5 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.005 min
Lab File: VD069553.D
Acq: 23 Jun 2021 19:03

Tgt Ion:117 Resp: 1168248
Ion Ratio Lower Upper
117 100
82 57.4 46.8 70.2
119 31.5 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069553.D
 Acq: 23 Jun 2021 19:03

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-B8-C8-B8A-C8A

Tgt Ion:152 Resp: 520073
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.7 95.1
 150 159.7 0.0 350.8

