

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072121\
 Data File : VD069789.D
 Acq On : 21 Jul 2021 14:20
 Operator : VA/SY
 Sample : M3109-01
 Misc : 4.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-02D

Quant Time: Jul 22 03:40:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

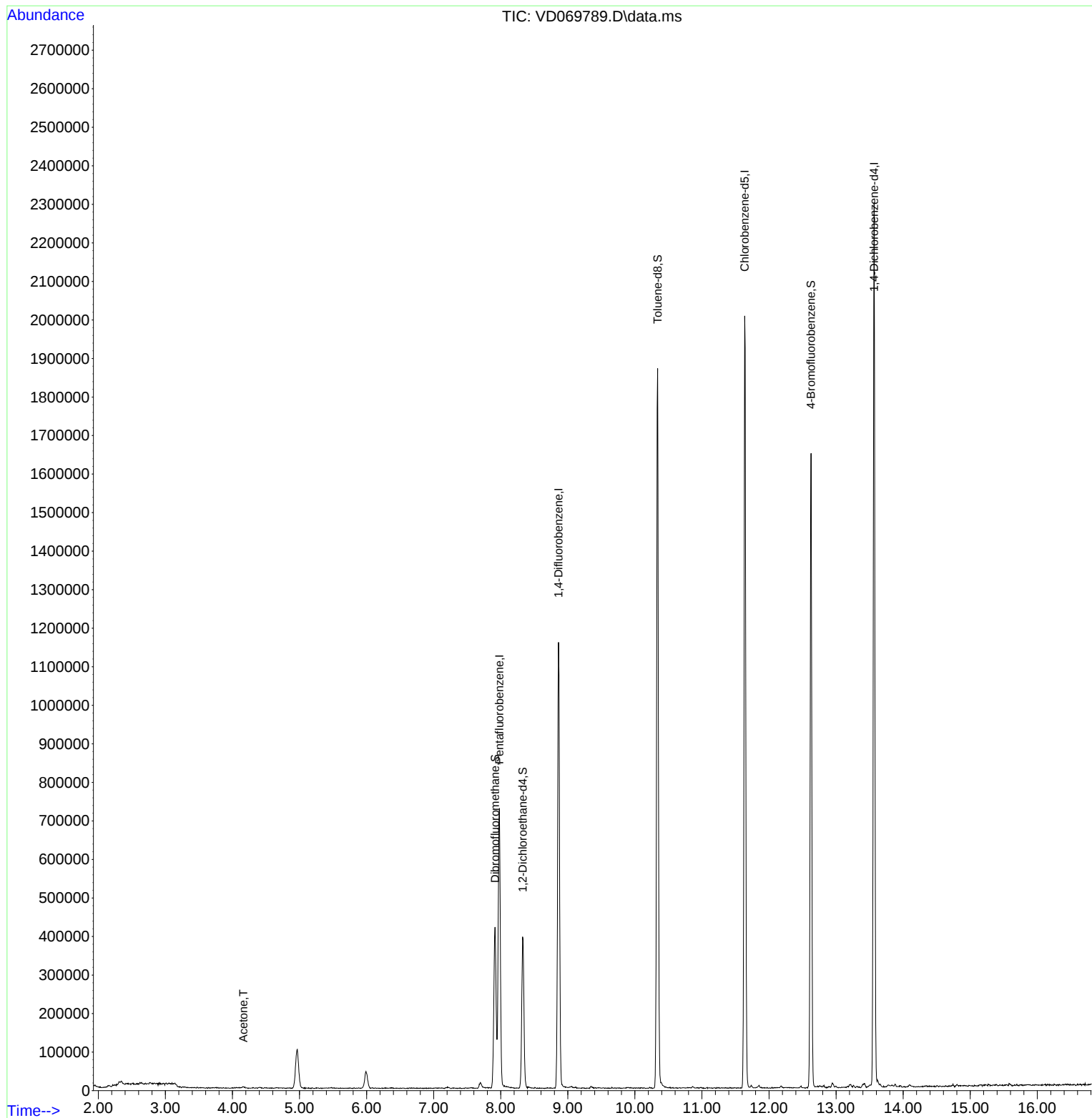
Internal Standards						
1) Pentafluorobenzene	7.979	168	499470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	971123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1173403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	581356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	313770	50.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.620%	
35) Dibromofluoromethane	7.914	113	310486	47.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.320%	
50) Toluene-d8	10.338	98	1285871	50.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.626	95	564957	66.926	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 133.860%	
Target Compounds						
16) Acetone	4.162	43	4974	16.557	ug/l	Qvalue # 84

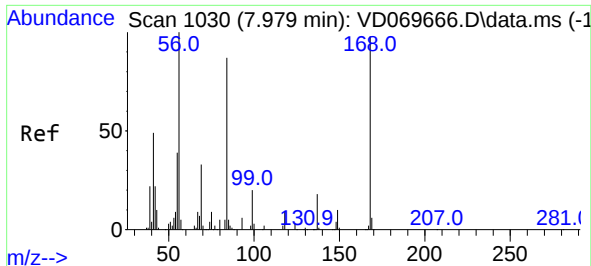
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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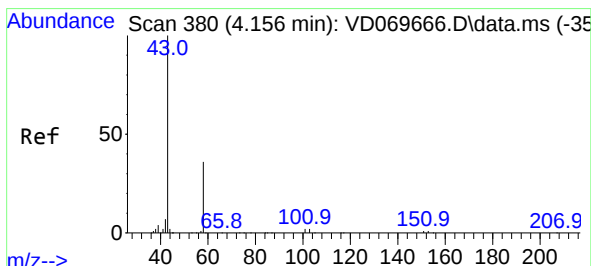
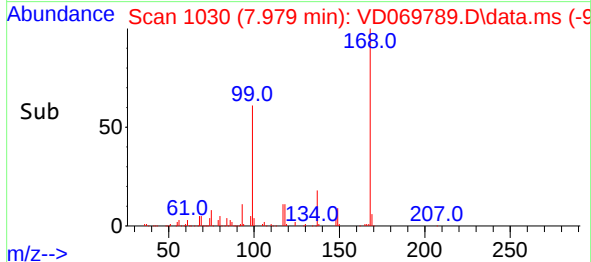
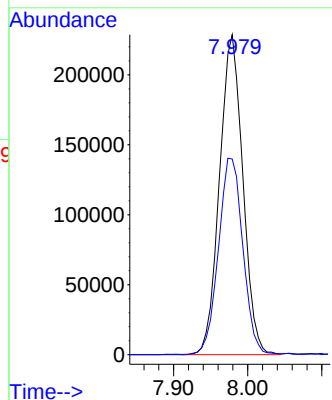
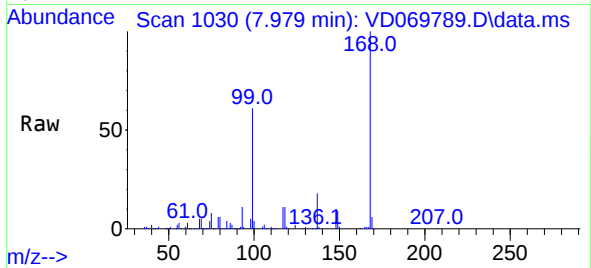




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069789.D
Acq: 21 Jul 2021 14:20

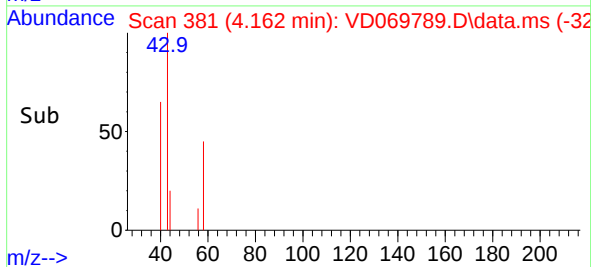
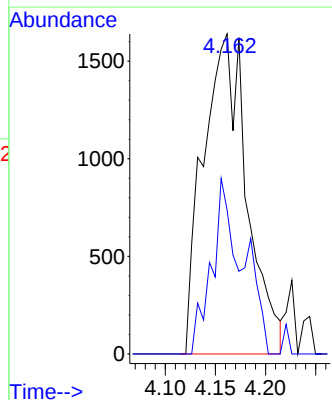
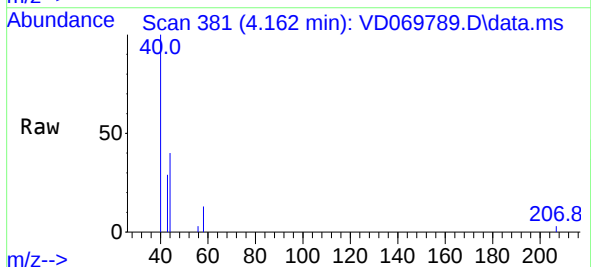
Instrument :
MSVOA_D
ClientSampleId :
PX-02D

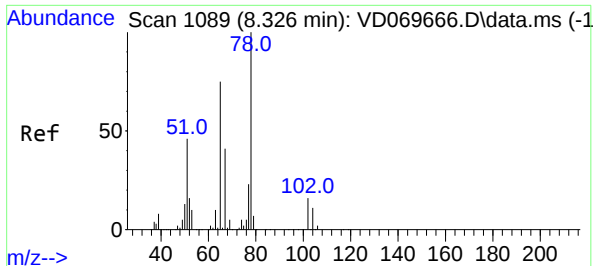
Tgt Ion:168 Resp: 499470
Ion Ratio Lower Upper
168 100
99 61.0 51.8 77.6



#16
Acetone
Concen: 16.557 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069789.D
Acq: 21 Jul 2021 14:20

Tgt Ion: 43 Resp: 4974
Ion Ratio Lower Upper
43 100
58 45.0 28.6 42.8#

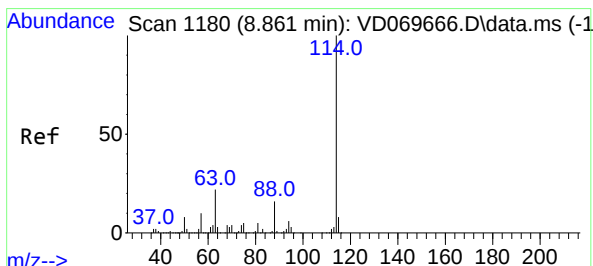
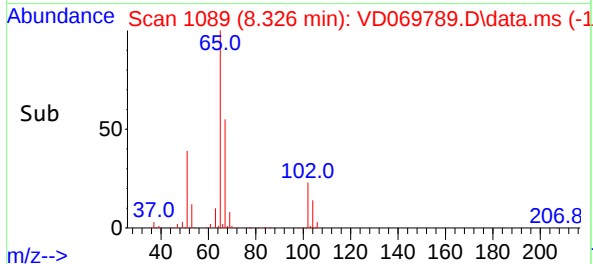
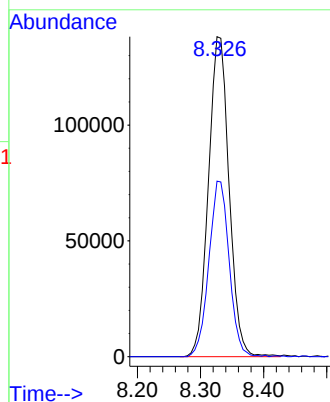
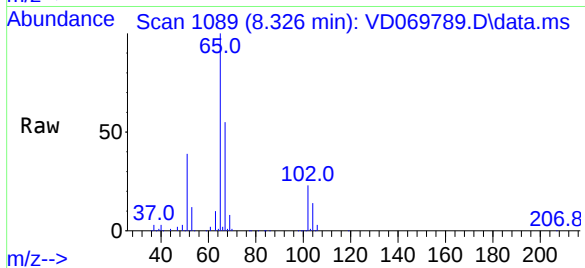




#33
1,2-Dichloroethane-d4
Concen: 50.312 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069789.D
Acq: 21 Jul 2021 14:20

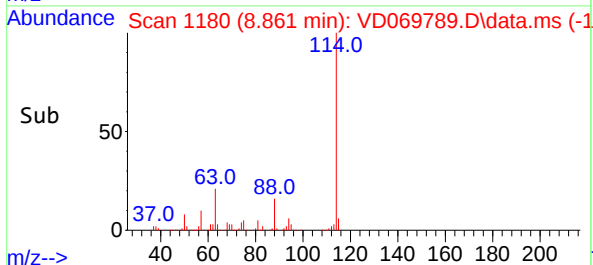
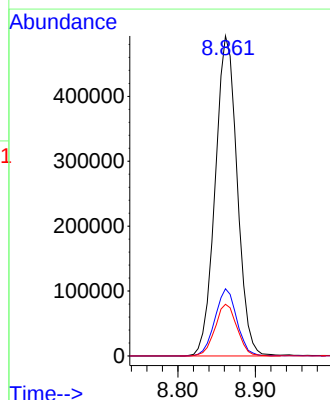
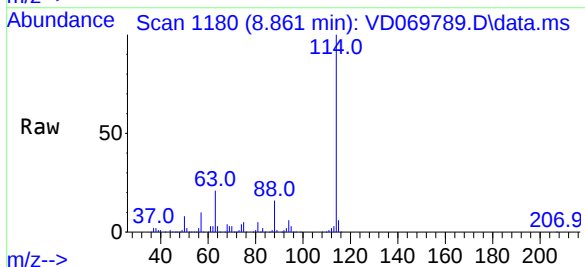
Instrument :
MSVOA_D
ClientSampleId :
PX-02D

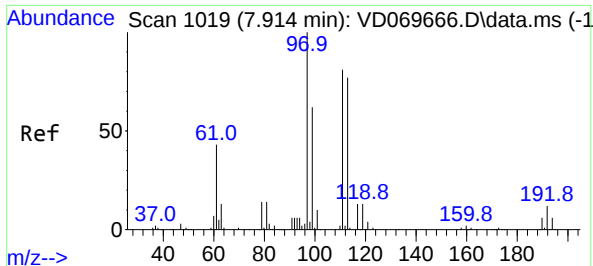
Tgt Ion: 65 Resp: 313770
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069789.D
Acq: 21 Jul 2021 14:20

Tgt Ion:114 Resp: 971123
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 16.2 0.0 32.0

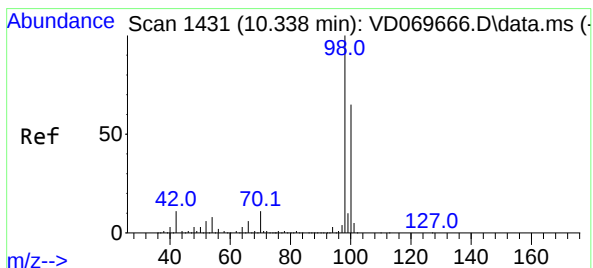
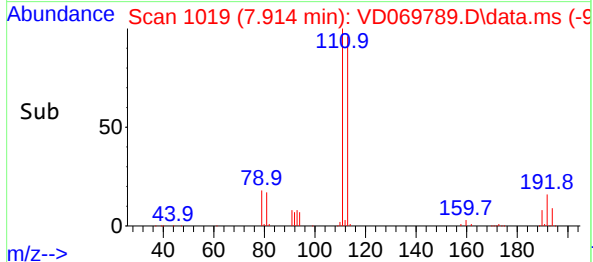
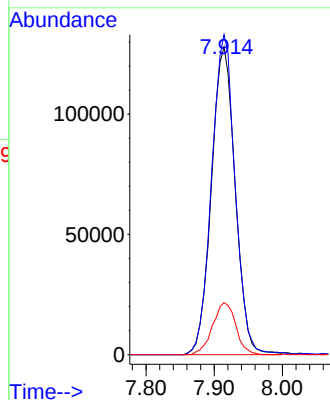
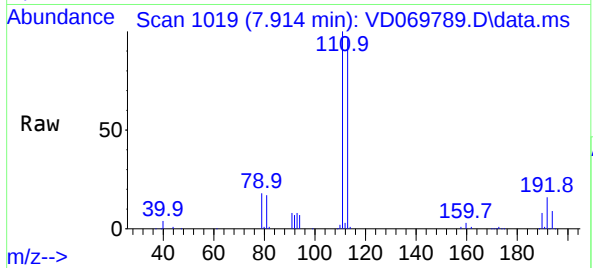




#35
Dibromofluoromethane
Concen: 47.656 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069789.D
Acq: 21 Jul 2021 14:20

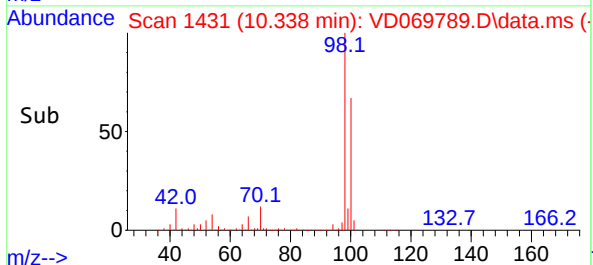
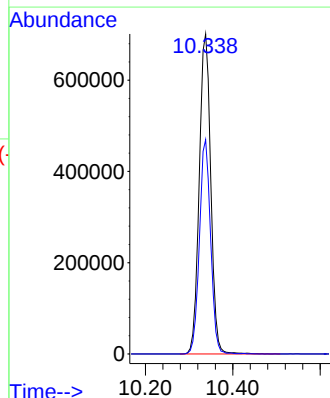
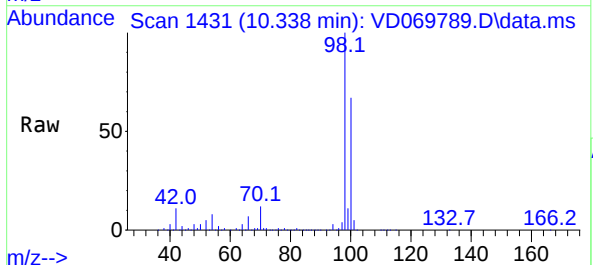
Instrument :
MSVOA_D
ClientSampleId :
PX-02D

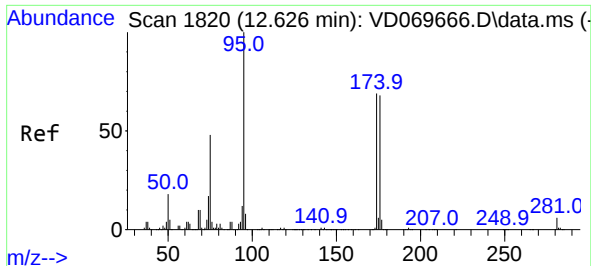
Tgt Ion:113 Resp: 310486
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.5 12.7 19.1



#50
Toluene-d8
Concen: 50.803 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069789.D
Acq: 21 Jul 2021 14:20

Tgt Ion: 98 Resp: 1285871
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

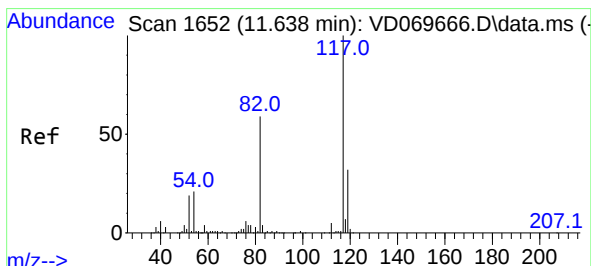
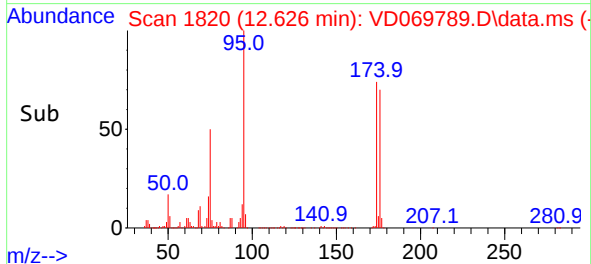
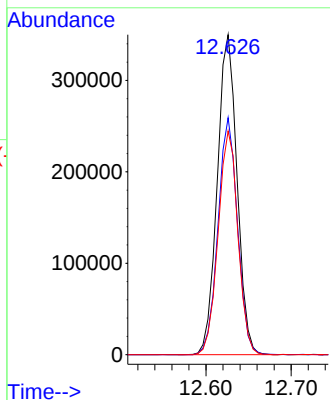
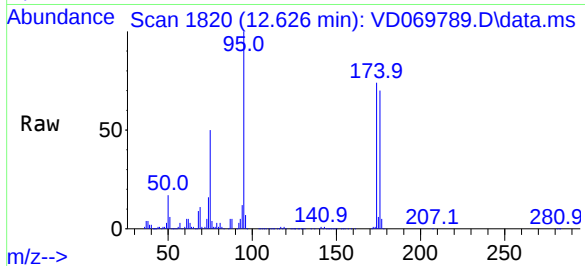




#62
4-Bromofluorobenzene
Concen: 66.926 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069789.D
Acq: 21 Jul 2021 14:20

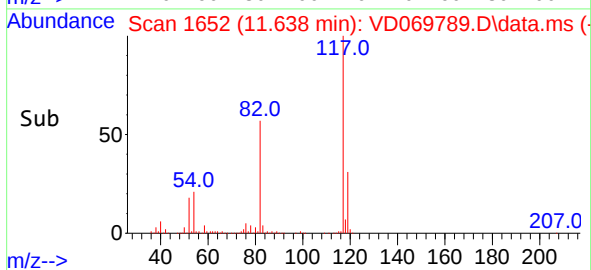
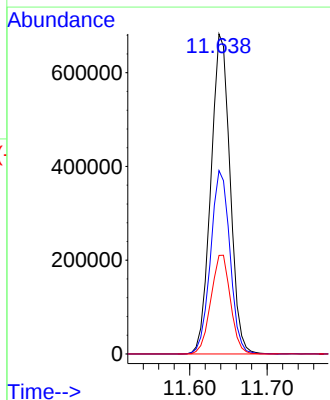
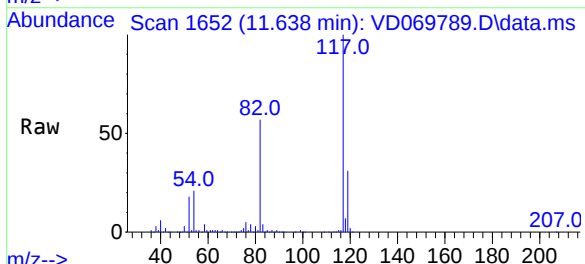
Instrument :
MSVOA_D
ClientSampled :
PX-02D

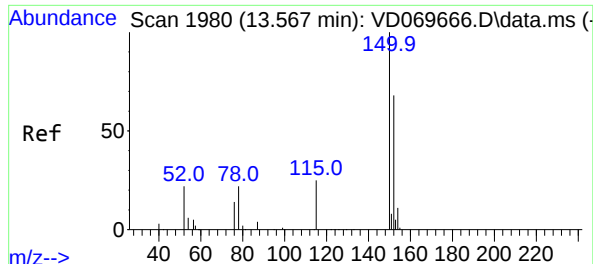
Tgt Ion: 95 Resp: 564957
Ion Ratio Lower Upper
95 100
174 73.2 0.0 140.0
176 69.7 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069789.D
Acq: 21 Jul 2021 14:20

Tgt Ion: 117 Resp: 1173403
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 30.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069789.D
 Acq: 21 Jul 2021 14:20

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-02D

Tgt Ion:152 Resp: 581356
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.7 95.1
 150 157.4 0.0 350.4

