

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069301.D
 Acq On : 02 Jun 2021 15:04
 Operator : VA/SY
 Sample : M2580-02
 Misc : 12.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B1(2-4)

Quant Time: Jun 03 01:08:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

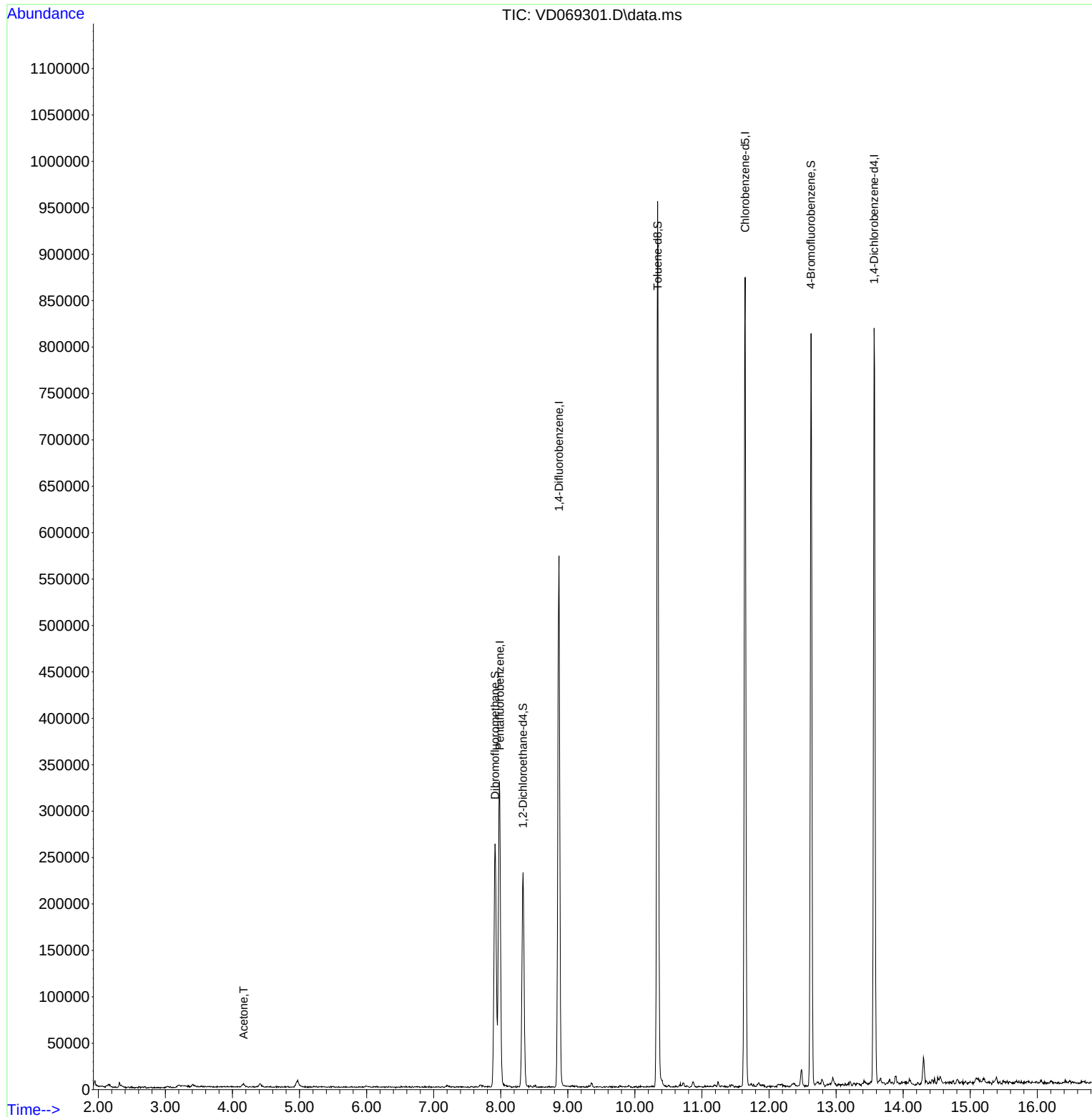
Internal Standards						
1) Pentafluorobenzene	7.985	168	244983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	512581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	521272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	182866	77.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.580%
35) Dibromofluoromethane	7.914	113	191024	59.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.680%
50) Toluene-d8	10.338	98	656474	56.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.160%
62) 4-Bromofluorobenzene	12.626	95	216289	56.392	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.780%
Target Compounds						
16) Acetone	4.168	43	5607	13.669	ug/l	Qvalue # 76

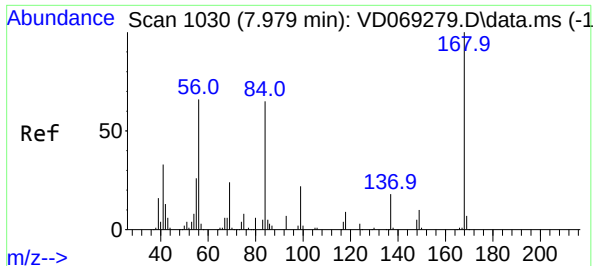
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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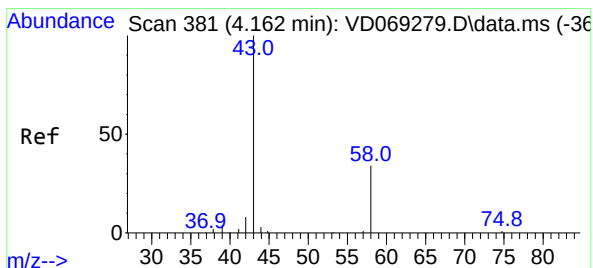
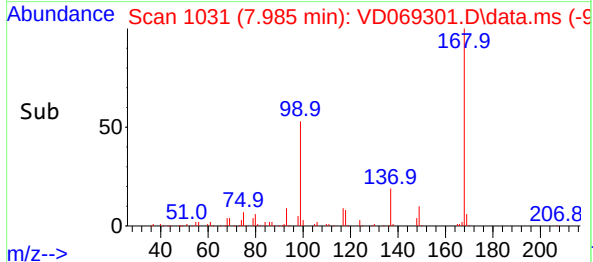
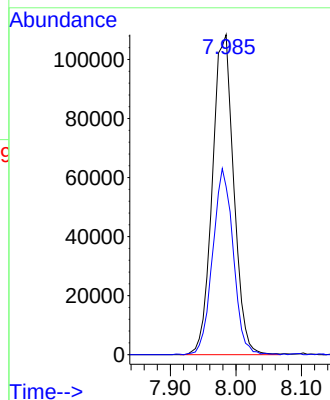
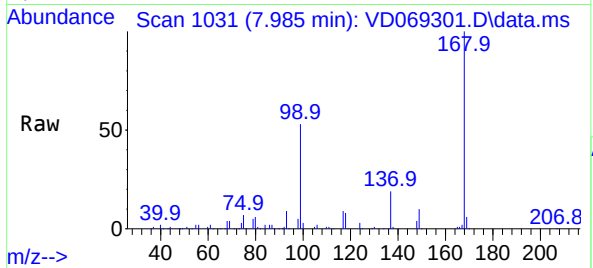




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069301.D
Acq: 02 Jun 2021 15:04

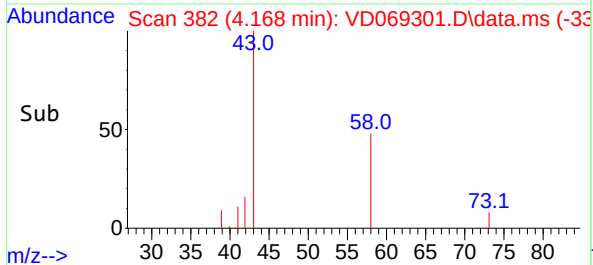
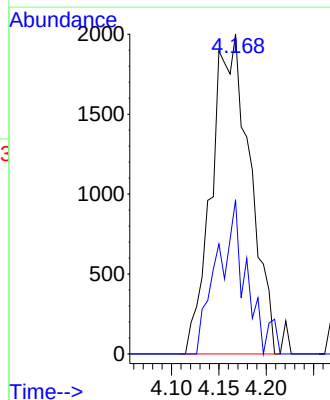
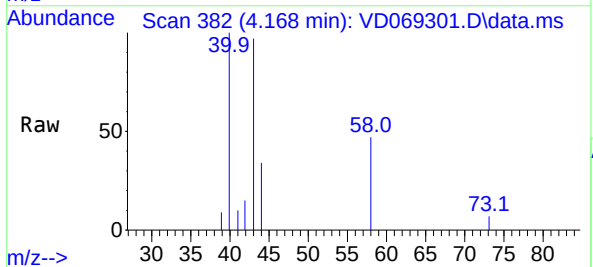
Instrument :
MSVOA_D
ClientSampleId :
18-B1(2-4)

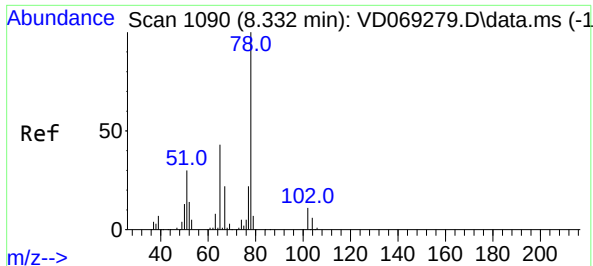
Tgt Ion:168 Resp: 244983
Ion Ratio Lower Upper
168 100
99 52.5 46.2 69.2



#16
Acetone
Concen: 13.669 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069301.D
Acq: 02 Jun 2021 15:04

Tgt Ion: 43 Resp: 5607
Ion Ratio Lower Upper
43 100
58 48.2 27.5 41.3#

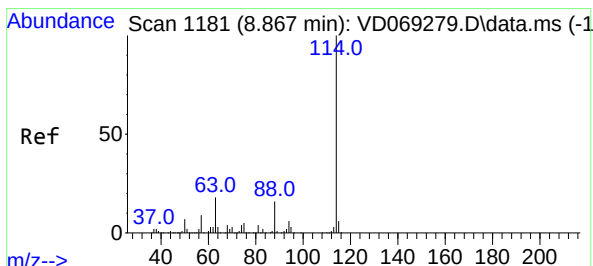
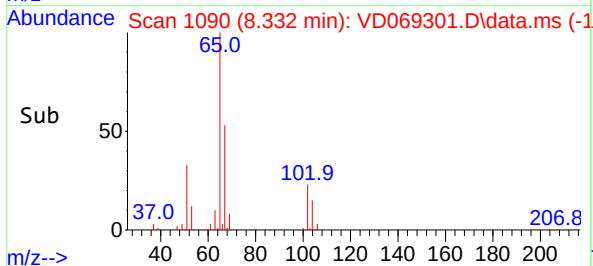
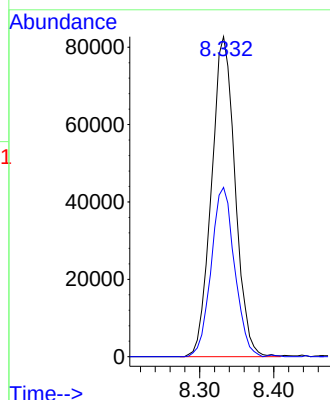
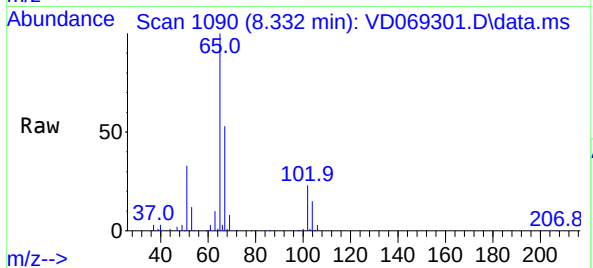




#33
1,2-Dichloroethane-d4
Concen: 77.793 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069301.D
Acq: 02 Jun 2021 15:04

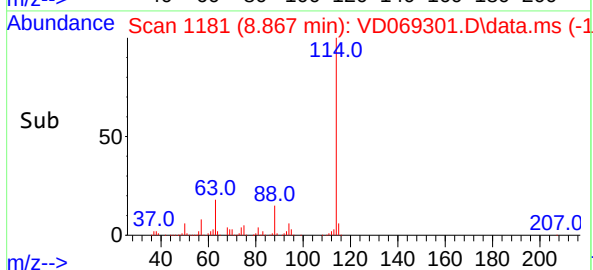
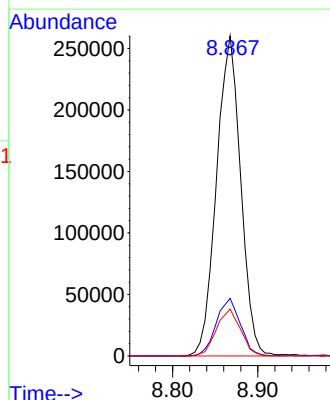
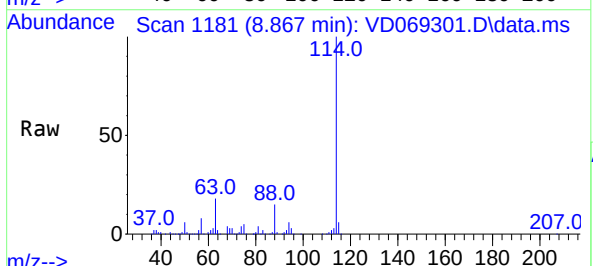
Instrument :
MSVOA_D
ClientSampleId :
18-B1(2-4)

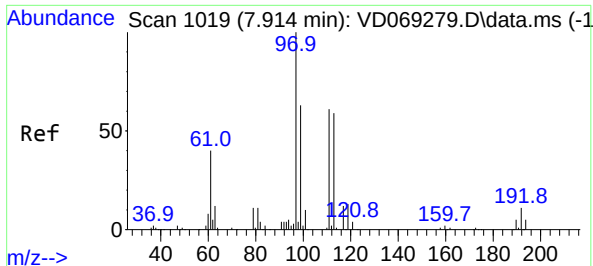
Tgt Ion: 65 Resp: 182866
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069301.D
Acq: 02 Jun 2021 15:04

Tgt Ion: 114 Resp: 512581
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.6
88 14.6 0.0 31.2

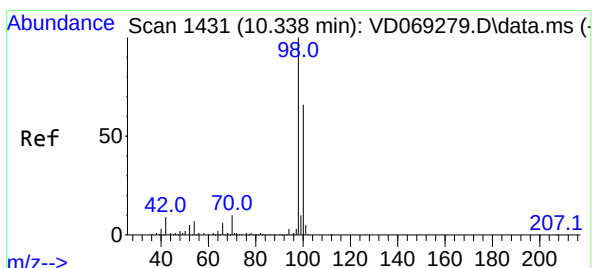
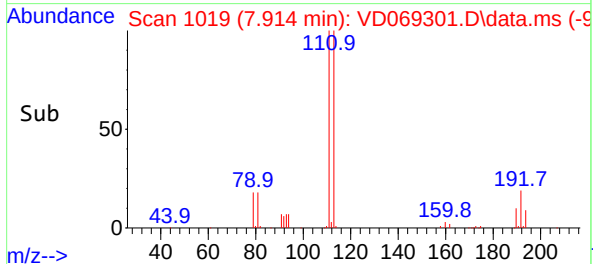
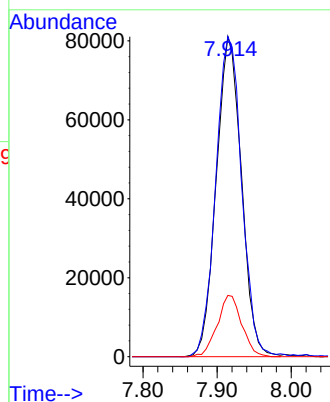
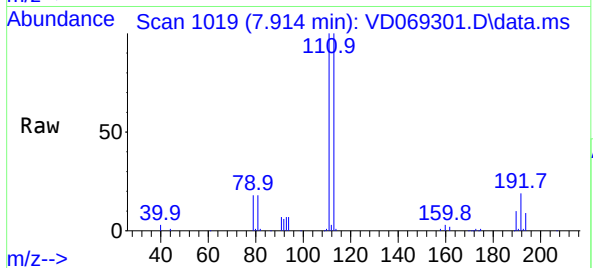




#35
Dibromofluoromethane
Concen: 59.345 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069301.D
Acq: 02 Jun 2021 15:04

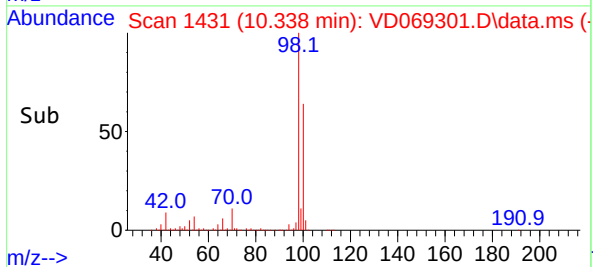
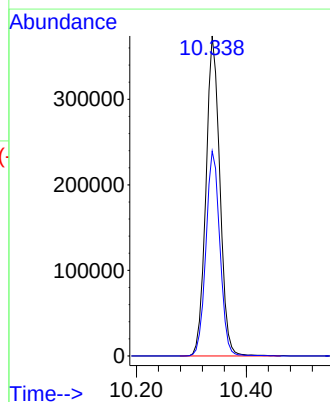
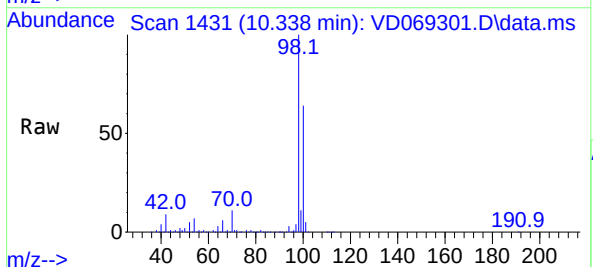
Instrument :
MSVOA_D
ClientSampleId :
18-B1(2-4)

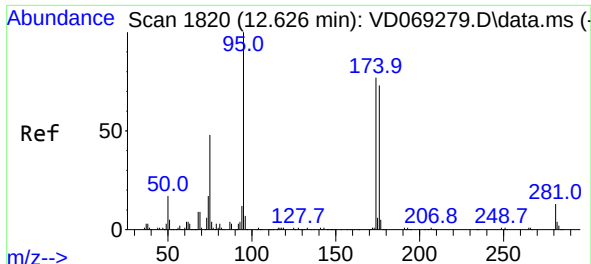
Tgt Ion:113 Resp: 191024
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 18.6 15.1 22.7



#50
Toluene-d8
Concen: 56.085 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069301.D
Acq: 02 Jun 2021 15:04

Tgt Ion: 98 Resp: 656474
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

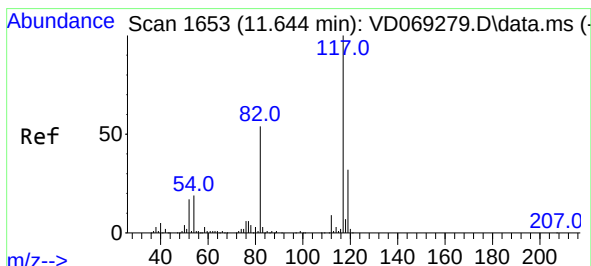
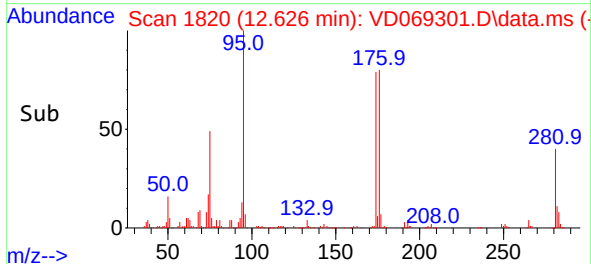
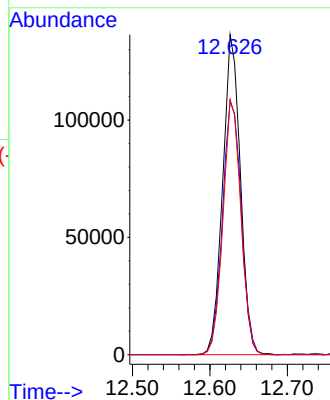
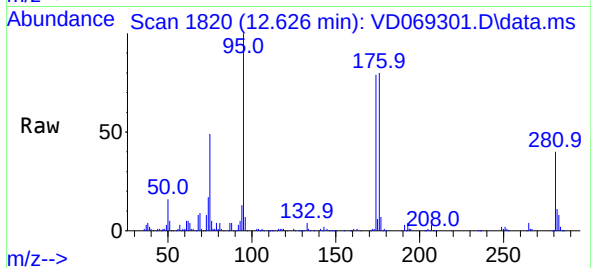




#62
4-Bromofluorobenzene
Concen: 56.392 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069301.D
Acq: 02 Jun 2021 15:04

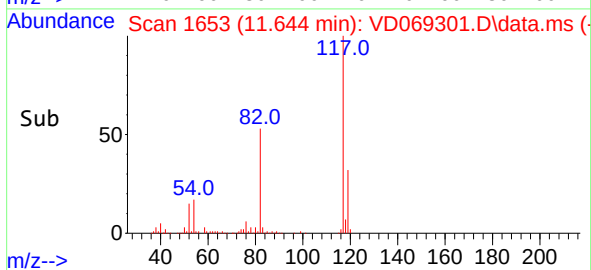
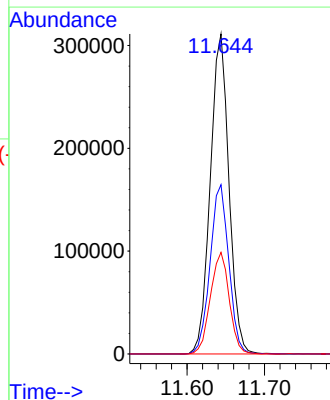
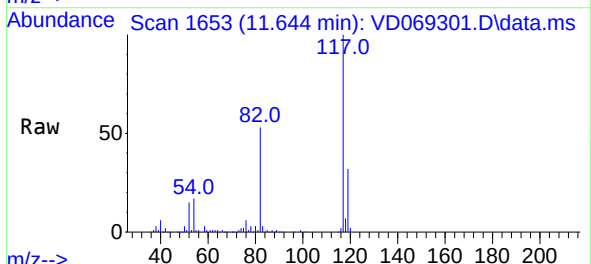
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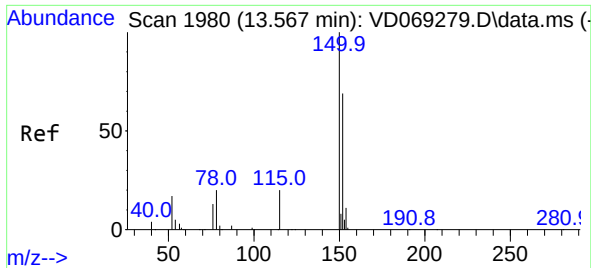
Tgt Ion: 95 Resp: 216289
Ion Ratio Lower Upper
95 100
174 84.6 0.0 162.8
176 80.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069301.D
Acq: 02 Jun 2021 15:04

Tgt Ion: 117 Resp: 521272
Ion Ratio Lower Upper
117 100
82 52.9 43.3 64.9
119 31.8 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069301.D
 Acq: 02 Jun 2021 15:04

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B1(2-4)

Tgt Ion:152 Resp: 226920

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.4	88.3
150	155.8	0.0	355.0

