

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070825.D
 Acq On : 22 Oct 2021 15:16
 Operator : VA/SY
 Sample : M4290-07
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-BD

Quant Time: Oct 23 04:11:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

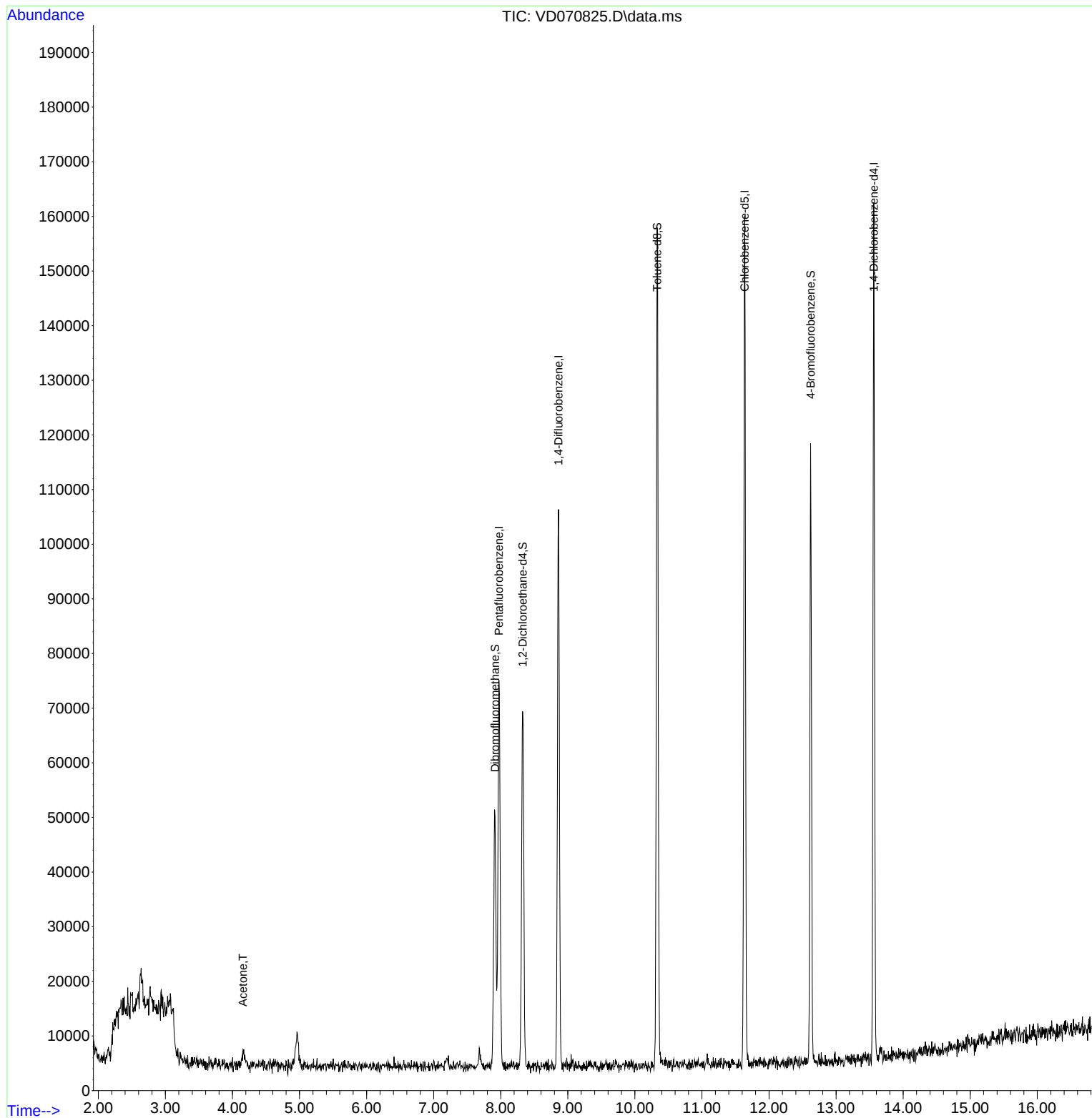
Internal Standards						
1) Pentafluorobenzene	7.973	168	46455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	80900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	89414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	37633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	52771	95.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	191.820%#
35) Dibromofluoromethane	7.914	113	33581	64.827	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.660%
50) Toluene-d8	10.332	98	105461	53.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.220%
62) 4-Bromofluorobenzene	12.620	95	38139	55.780	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.560%
Target Compounds						
16) Acetone	4.156	43	4801	36.176	ug/l	Qvalue # 78

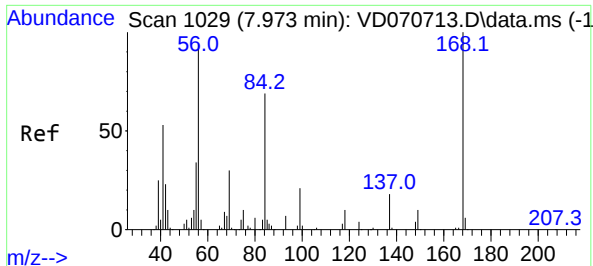
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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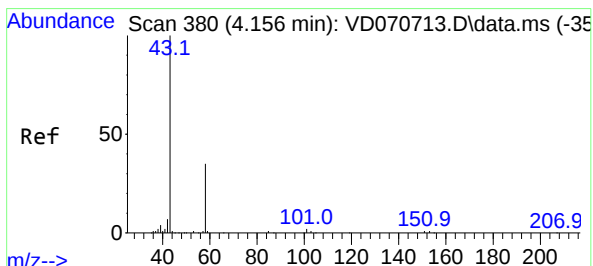
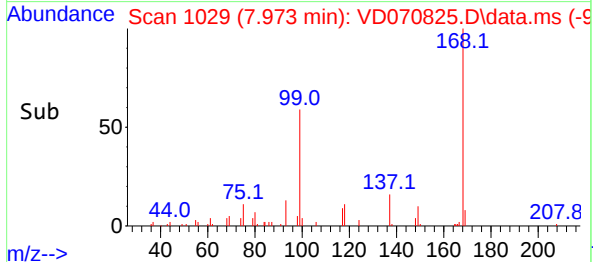
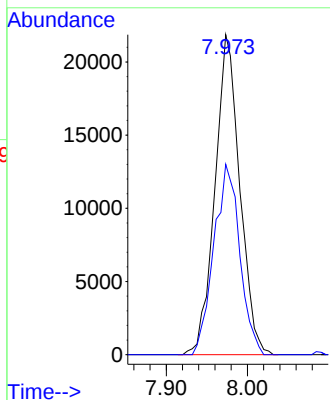
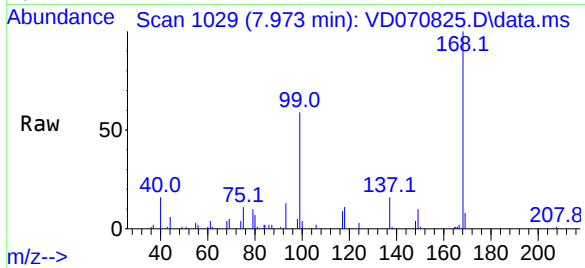




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070825.D
Acq: 22 Oct 2021 15:16

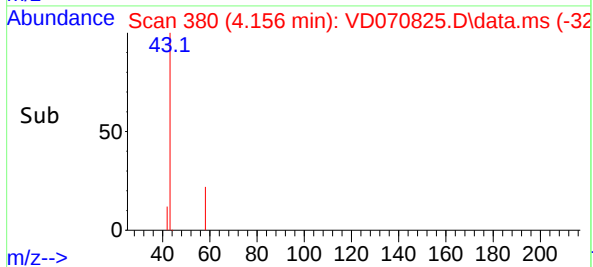
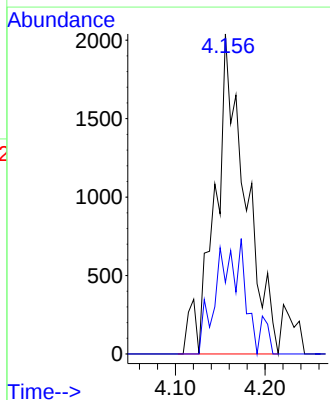
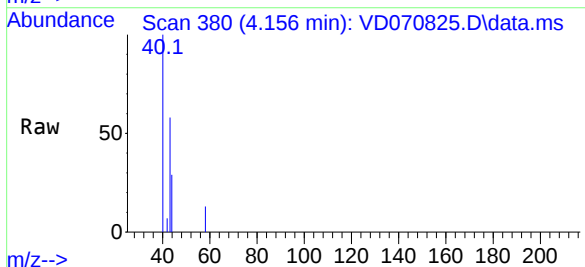
Instrument :
MSVOA_D
ClientSampleId :
TH-BD

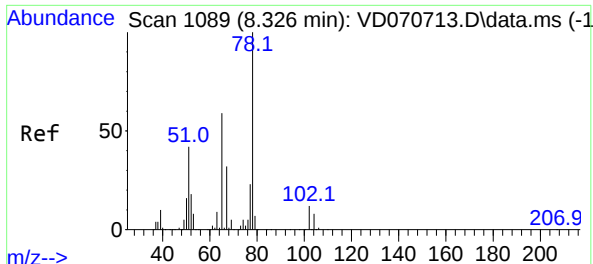
Tgt Ion:168 Resp: 46455
Ion Ratio Lower Upper
168 100
99 59.5 51.4 77.0



#16
Acetone
Concen: 36.176 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070825.D
Acq: 22 Oct 2021 15:16

Tgt Ion: 43 Resp: 4801
Ion Ratio Lower Upper
43 100
58 22.3 28.2 42.2#

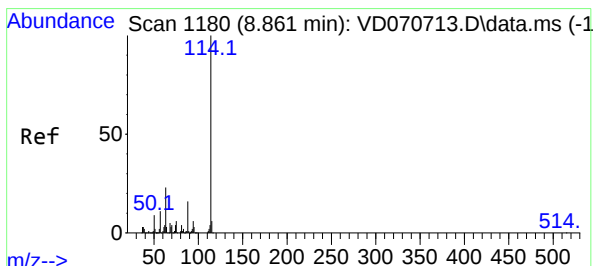
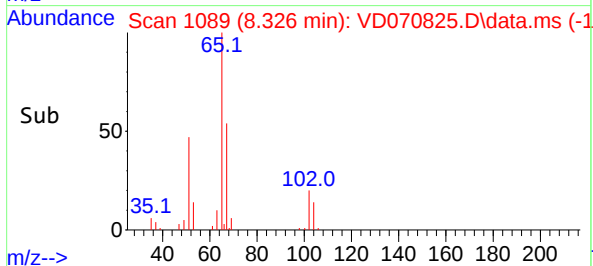
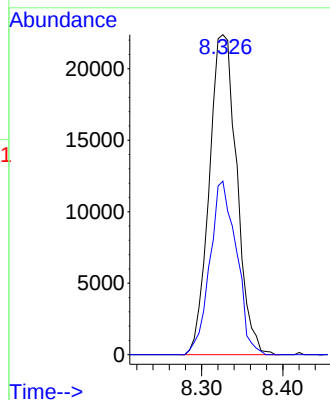
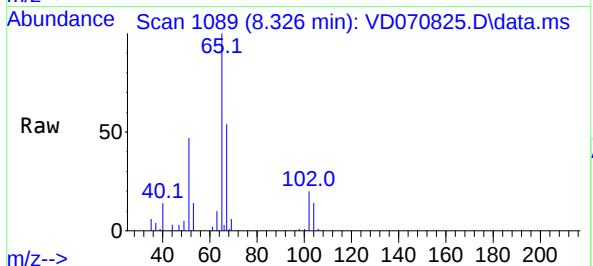




#33
1,2-Dichloroethane-d4
Concen: 95.908 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070825.D
Acq: 22 Oct 2021 15:16

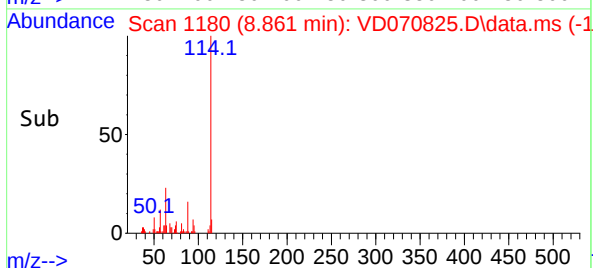
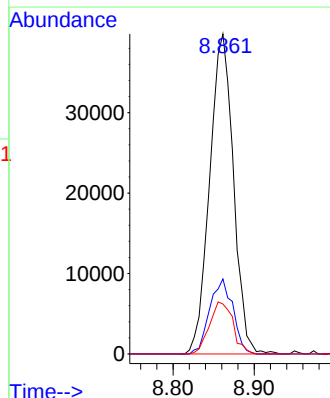
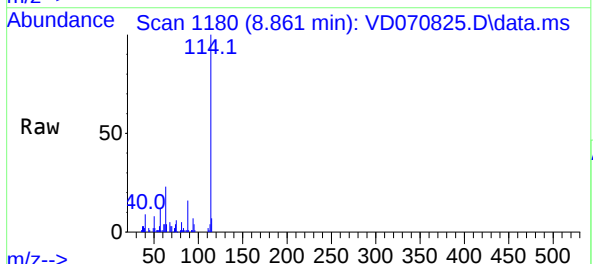
Instrument :
MSVOA_D
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TH-BD

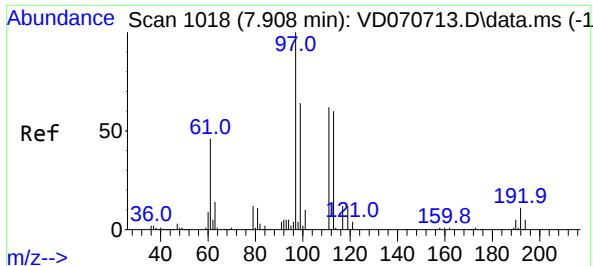
Tgt Ion: 65 Resp: 52771
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070825.D
Acq: 22 Oct 2021 15:16

Tgt Ion: 114 Resp: 80900
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.8
88 15.6 0.0 32.6

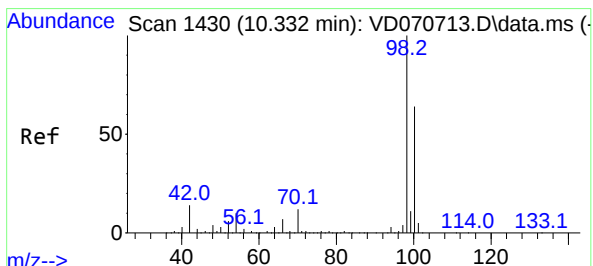
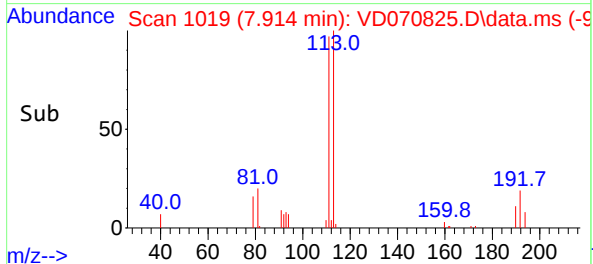
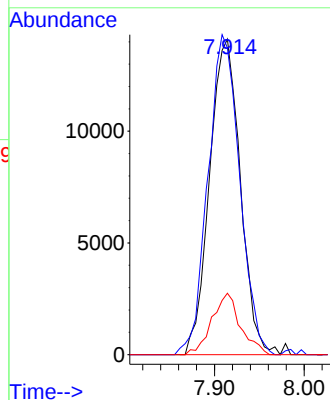
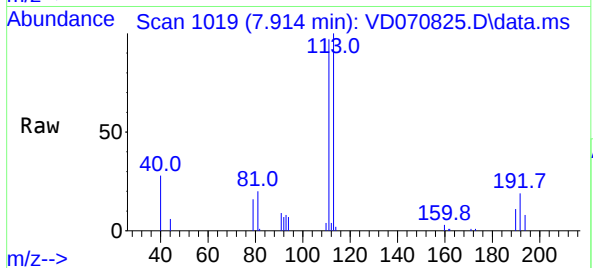




#35
Dibromofluoromethane
Concen: 64.827 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070825.D
Acq: 22 Oct 2021 15:16

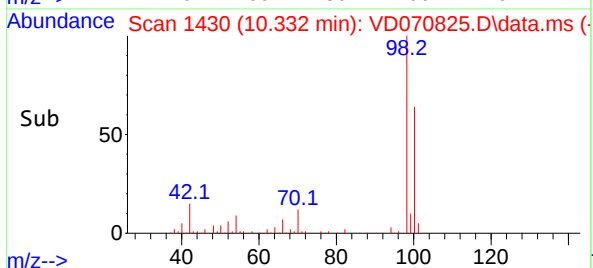
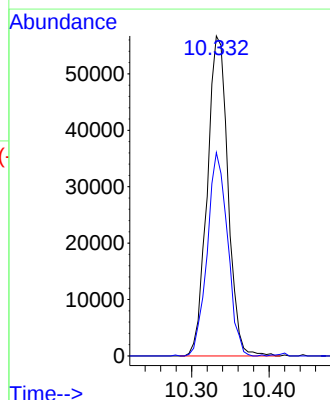
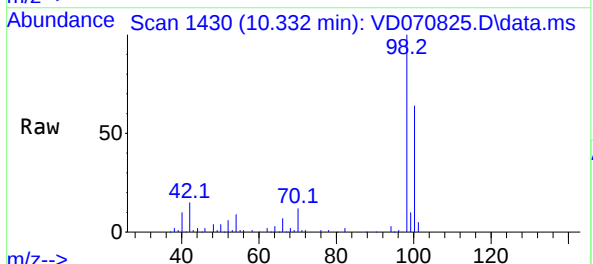
Instrument :
MSVOA_D
ClientSampleId :
TH-BD

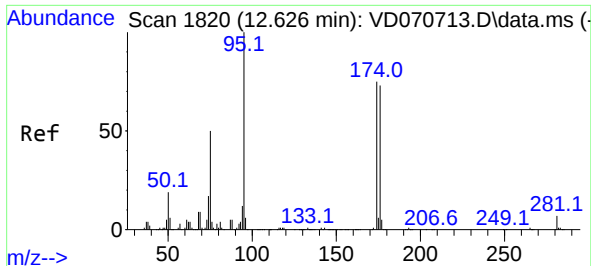
Tgt Ion:113 Resp: 33581
Ion Ratio Lower Upper
113 100
111 104.6 83.1 124.7
192 18.1 12.7 19.1



#50
Toluene-d8
Concen: 53.110 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070825.D
Acq: 22 Oct 2021 15:16

Tgt Ion: 98 Resp: 105461
Ion Ratio Lower Upper
98 100
100 62.4 52.2 78.4

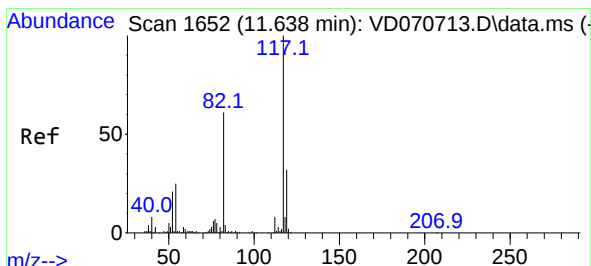
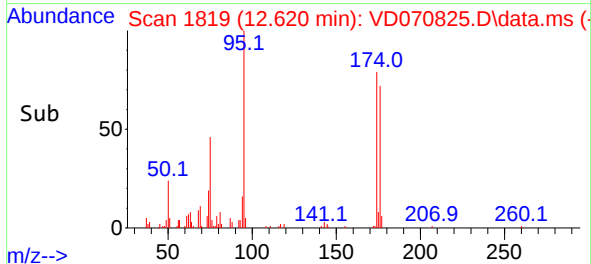
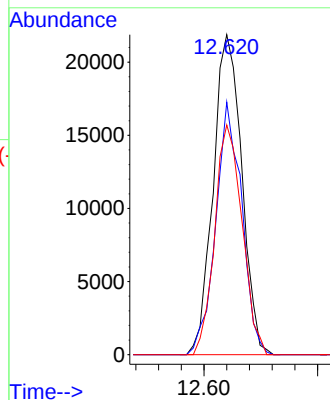
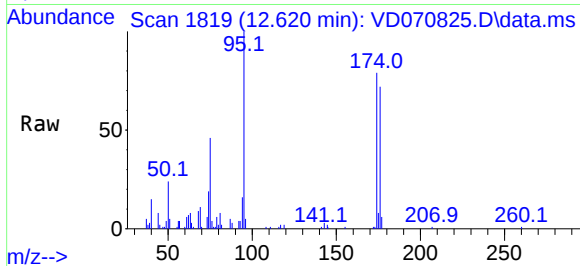




#62
4-Bromofluorobenzene
Concen: 55.780 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070825.D
Acq: 22 Oct 2021 15:16

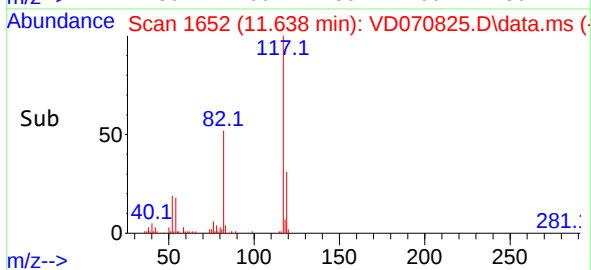
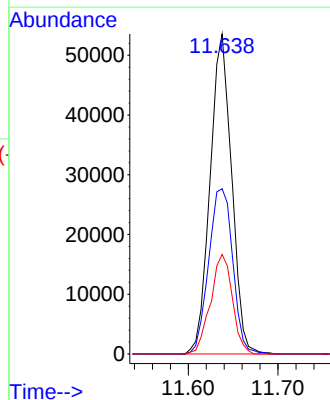
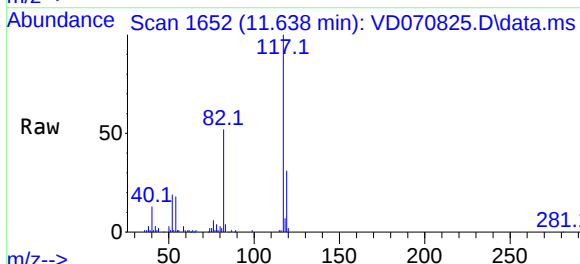
Instrument :
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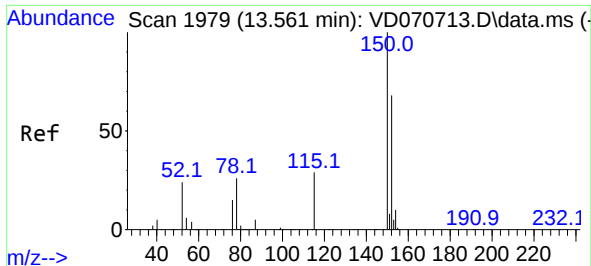
Tgt Ion:	95	Resp:	38139
Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	138.0
176	68.9	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070825.D
Acq: 22 Oct 2021 15:16

Tgt Ion:	117	Resp:	89414
Ion	Ratio	Lower	Upper
117	100		
82	51.6	45.4	68.2
119	31.1	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070825.D
 Acq: 22 Oct 2021 15:16

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-BD

Tgt Ion:152 Resp: 37633

Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.9	95.7
150	160.7	0.0	350.0

