

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071317.D
 Acq On : 14 Dec 2021 13:35
 Operator : VA/SY
 Sample : M5030-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-121021

Quant Time: Dec 15 08:28:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

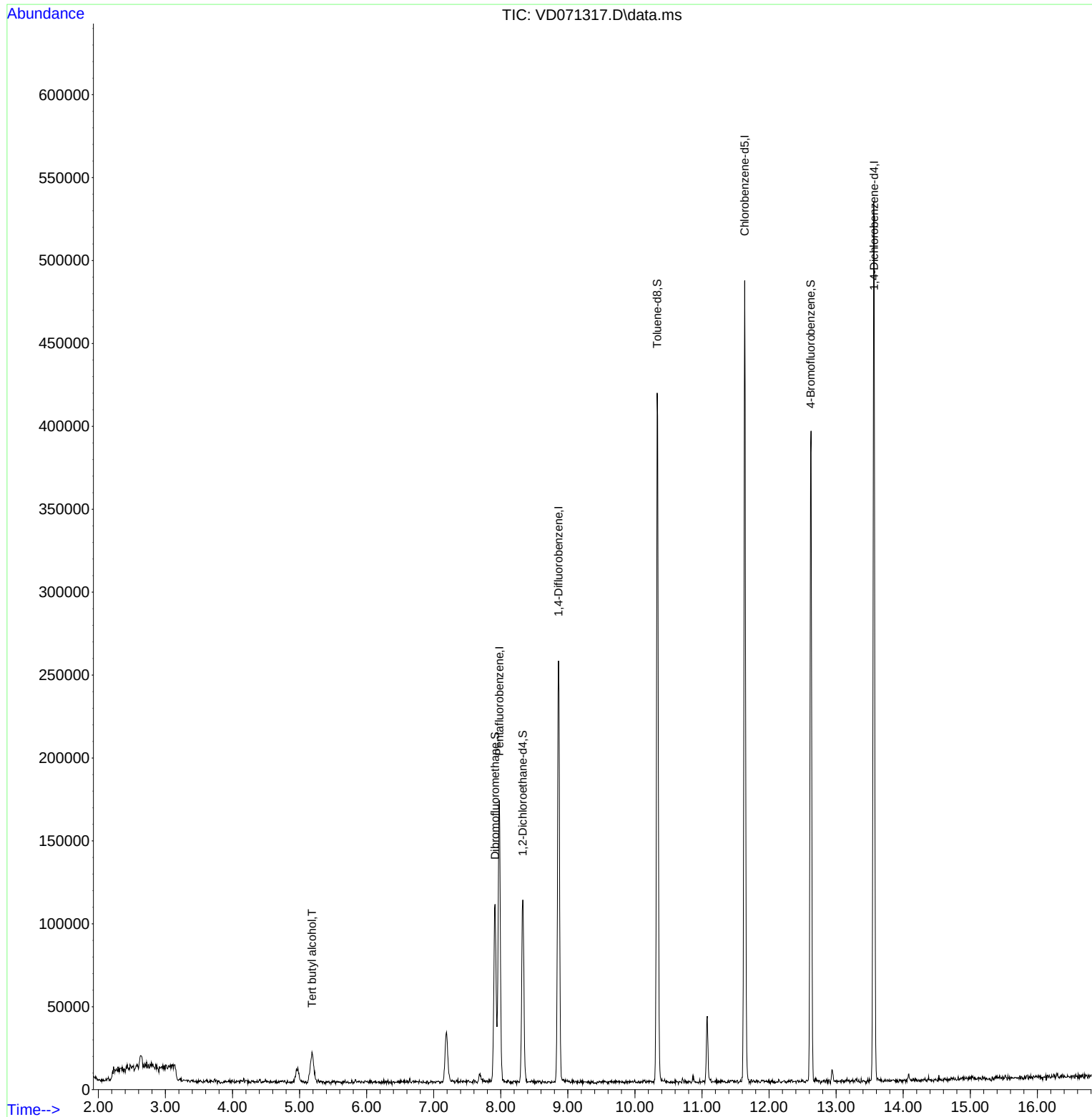
Internal Standards						
1) Pentafluorobenzene	7.979	168	116716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	206374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	244572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	128715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	87454	63.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.720%	
35) Dibromofluoromethane	7.914	113	74729	56.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.720%	
50) Toluene-d8	10.332	98	267144	53.417	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	12.620	95	122410	70.612	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 141.220%	
Target Compounds						
11) Tert butyl alcohol	5.185	59	16937	171.750	ug/l	Qvalue # 74

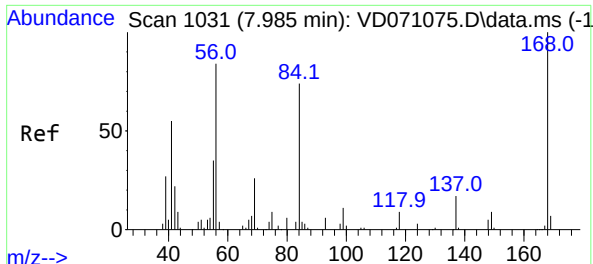
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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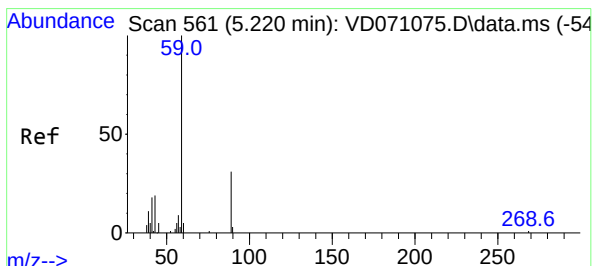
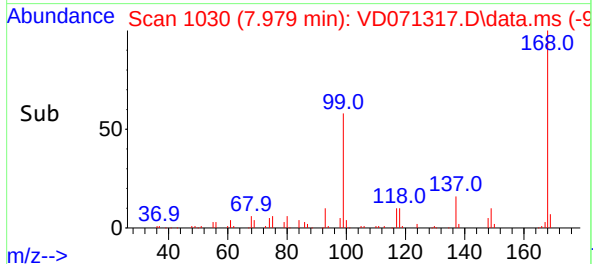
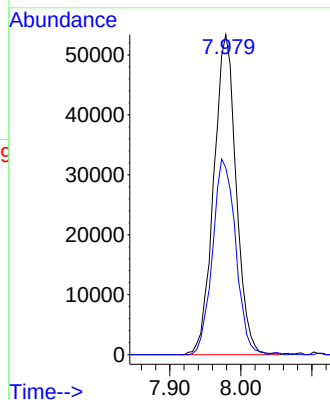
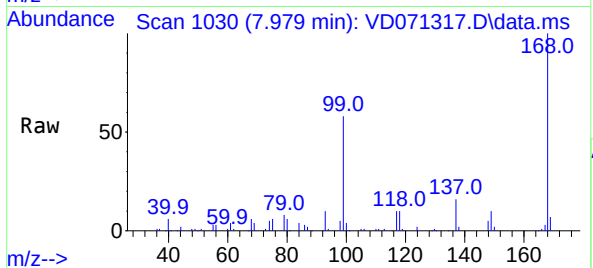




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071317.D
Acq: 14 Dec 2021 13:35

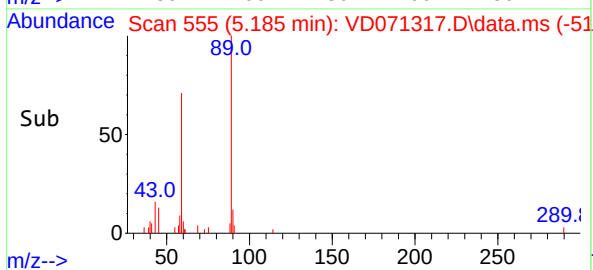
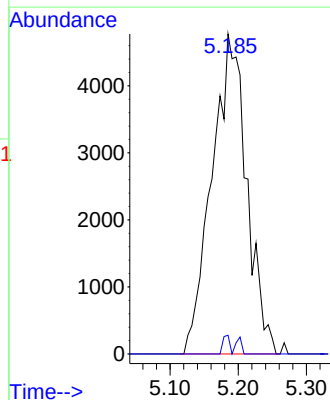
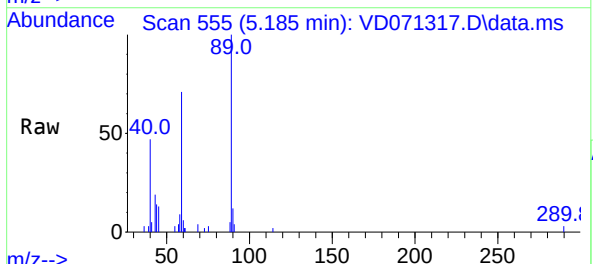
Instrument :
MSVOA_D
ClientSampleId :
SU-02-121021

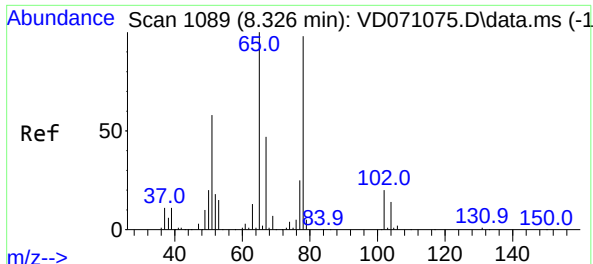
Tgt Ion:168 Resp: 116716
Ion Ratio Lower Upper
168 100
99 58.4 46.6 69.8



#11
Tert butyl alcohol
Concen: 171.750 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD071317.D
Acq: 14 Dec 2021 13:35

Tgt Ion: 59 Resp: 16937
Ion Ratio Lower Upper
59 100
57 1.1 9.0 13.4#

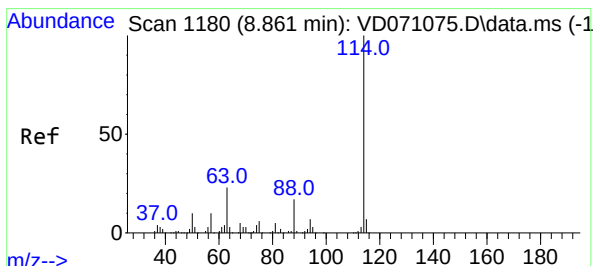
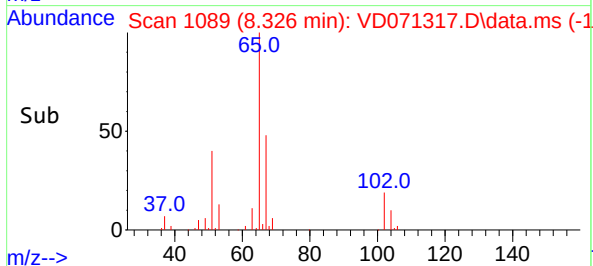
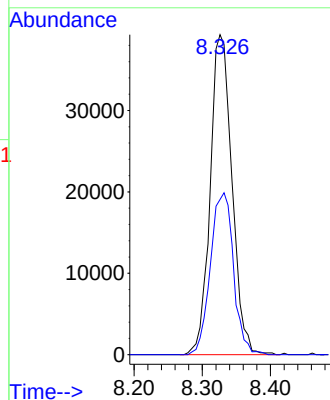
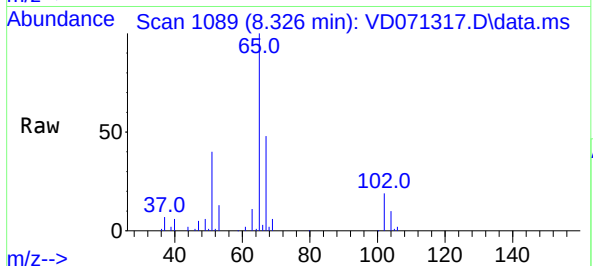




#33
1,2-Dichloroethane-d4
Concen: 63.857 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071317.D
Acq: 14 Dec 2021 13:35

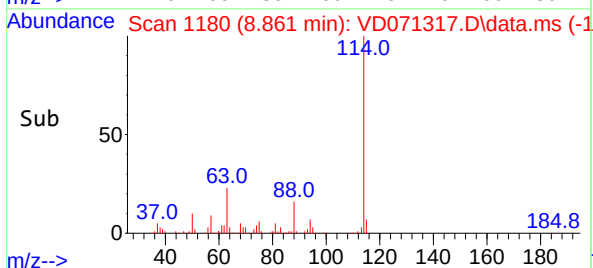
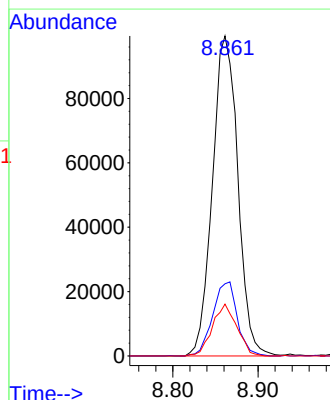
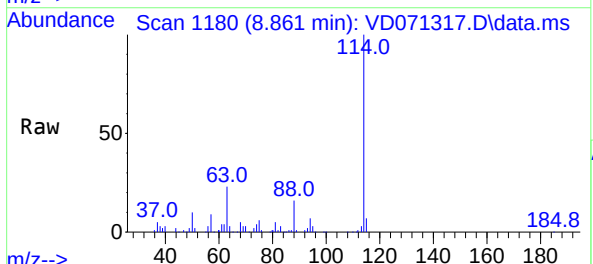
Instrument :
MSVOA_D
ClientSampleId :
SU-02-121021

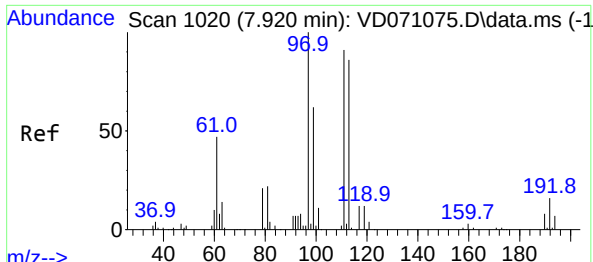
Tgt Ion: 65 Resp: 87454
Ion Ratio Lower Upper
65 100
67 53.5 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071317.D
Acq: 14 Dec 2021 13:35

Tgt Ion: 114 Resp: 206374
Ion Ratio Lower Upper
114 100
63 22.6 0.0 41.8
88 16.2 0.0 32.8

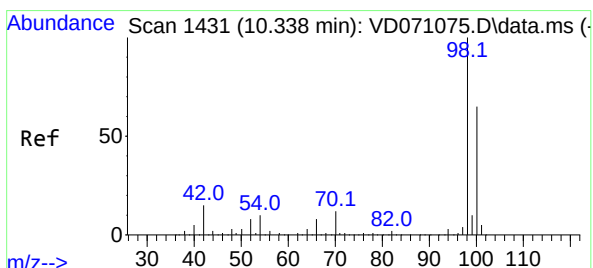
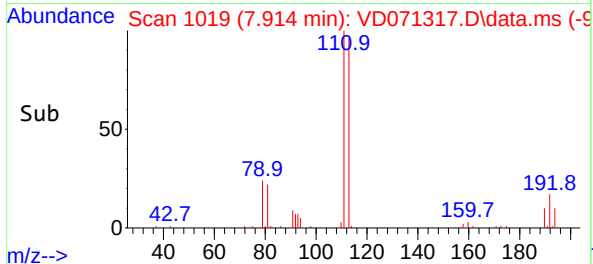
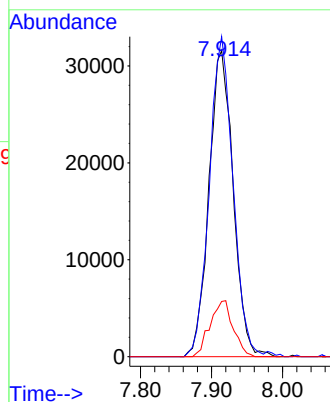
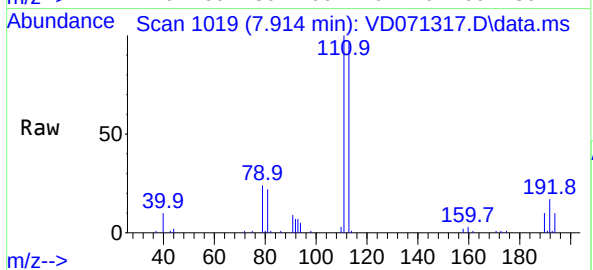




#35
Dibromofluoromethane
Concen: 56.864 ug/l
RT: 7.914 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071317.D
Acq: 14 Dec 2021 13:35

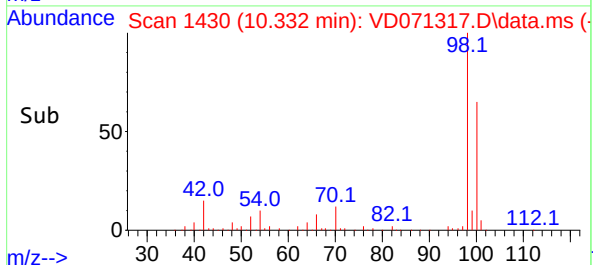
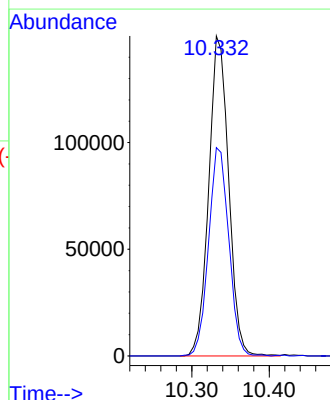
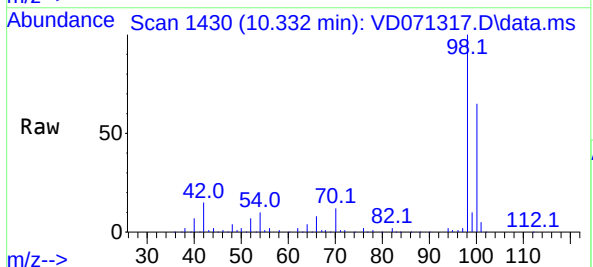
Instrument :
MSVOA_D
ClientSampleId :
SU-02-121021

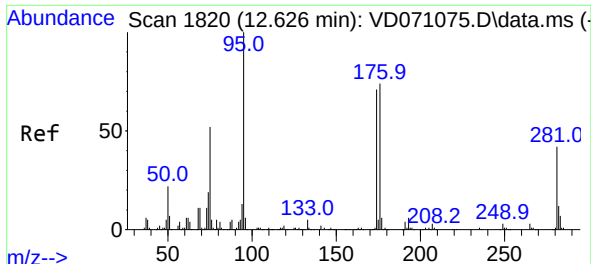
Tgt Ion:113 Resp: 74729
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 17.5 15.2 22.8



#50
Toluene-d8
Concen: 53.417 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071317.D
Acq: 14 Dec 2021 13:35

Tgt Ion: 98 Resp: 267144
Ion Ratio Lower Upper
98 100
100 66.2 51.8 77.6

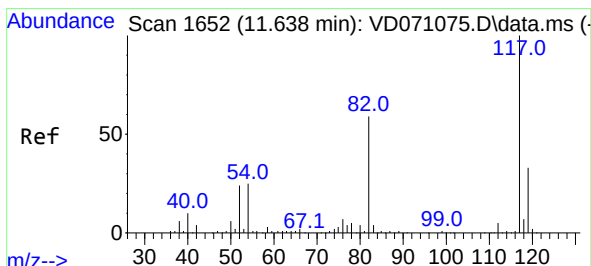
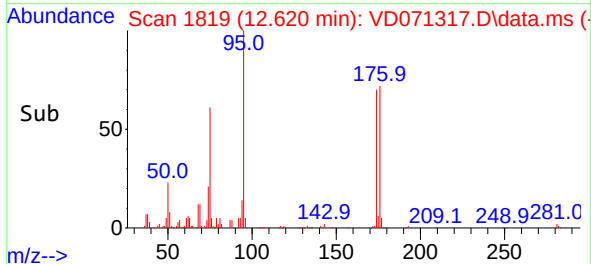
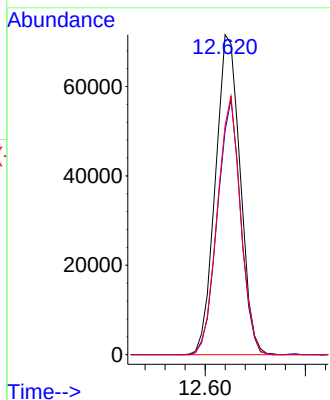
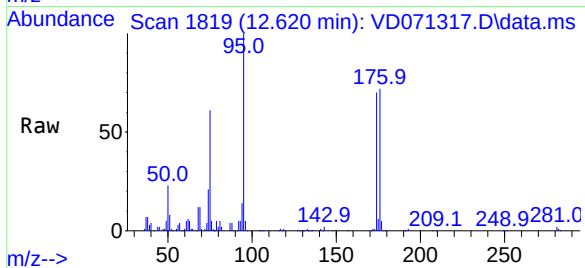




#62
4-Bromofluorobenzene
Concen: 70.612 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071317.D
Acq: 14 Dec 2021 13:35

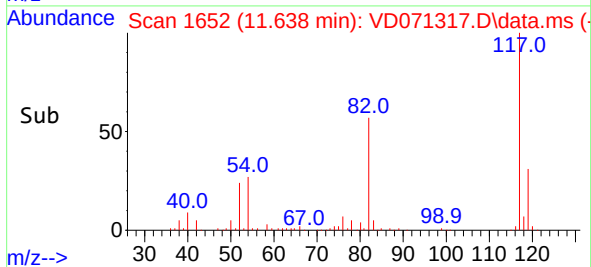
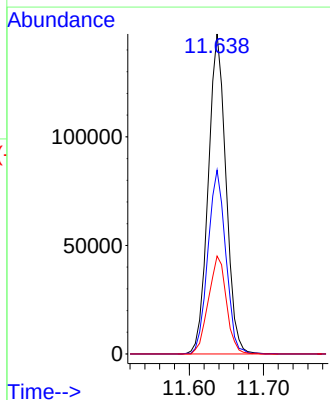
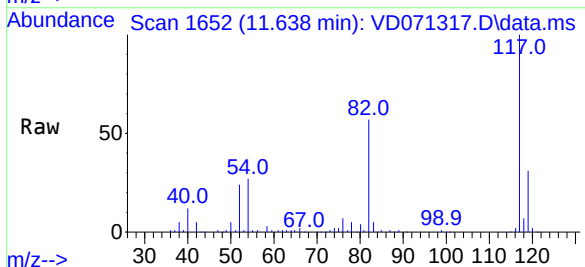
Instrument :
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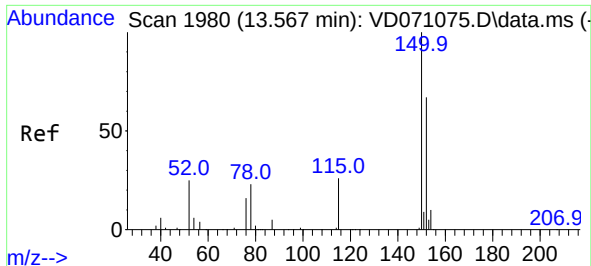
Tgt Ion: 95 Resp: 122410
Ion Ratio Lower Upper
95 100
174 74.9 0.0 159.4
176 76.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071317.D
Acq: 14 Dec 2021 13:35

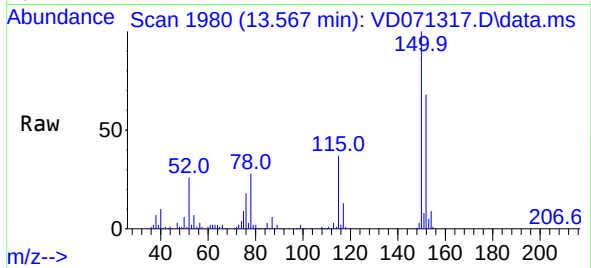
Tgt Ion: 117 Resp: 244572
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 30.6 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071317.D
 Acq: 14 Dec 2021 13:35

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:152 Resp: 128715
 Ion Ratio Lower Upper
 152 100
 115 60.5 29.8 89.3
 150 156.9 0.0 349.2

