

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071228.D
 Acq On : 09 Dec 2021 15:12
 Operator : VA/SY
 Sample : M4965-28
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WHITE-BROWN-CONCRETE-VOC

Quant Time: Dec 10 06:45:05 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	7.973	168	78474	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	131351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	159016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	85035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	61121	66.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.76%
35) Dibromofluoromethane	7.914	113	48994	58.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.16%
50) Toluene-d8	10.338	98	173302	54.45	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.90%
62) 4-Bromofluorobenzene	12.626	95	80271	72.75	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	145.50%#

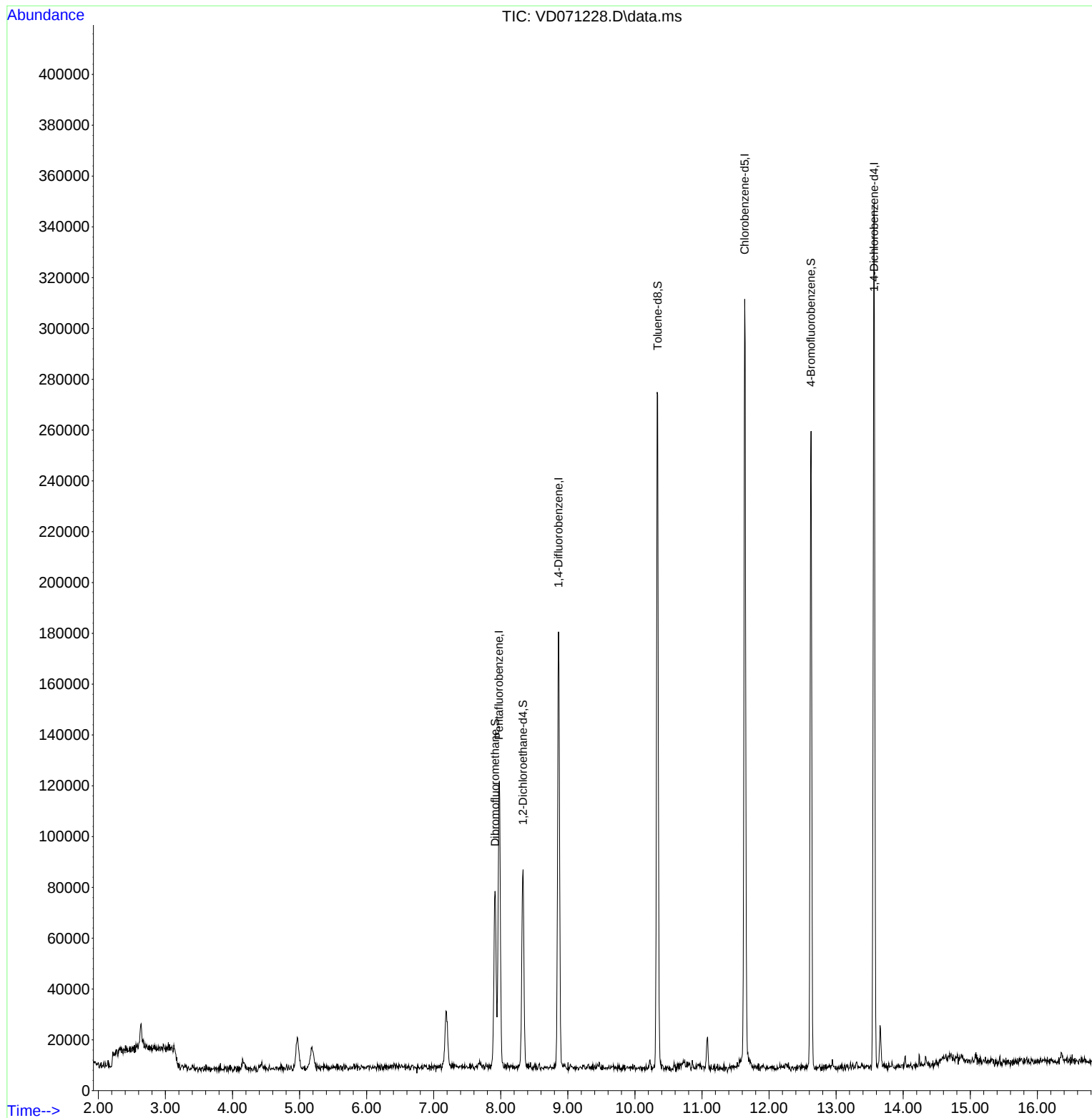
Target Compounds	Qvalue

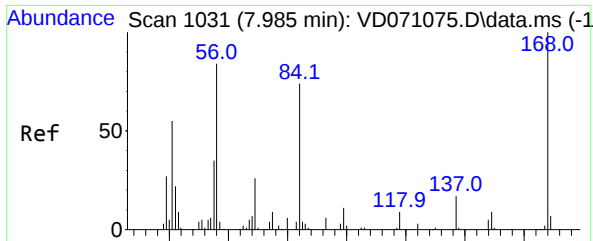
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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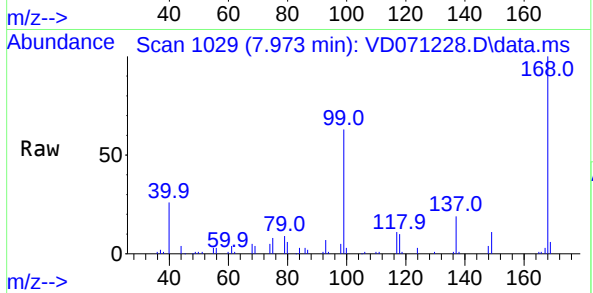
Quant Time: Dec 10 06:45:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
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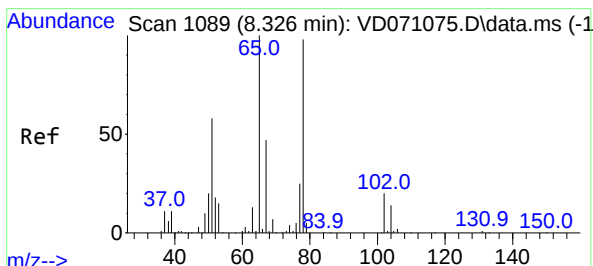
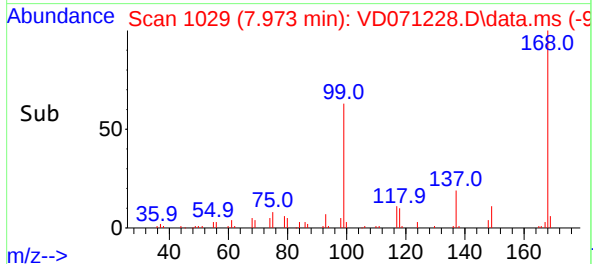
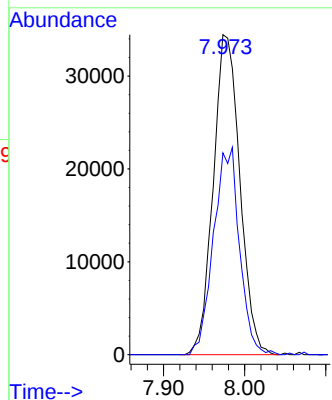


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071228.D
Acq: 09 Dec 2021 15:12

Instrument :
MSVOA_D
ClientSampleId :
WHITE-BROWN-CONCRETE-VOC

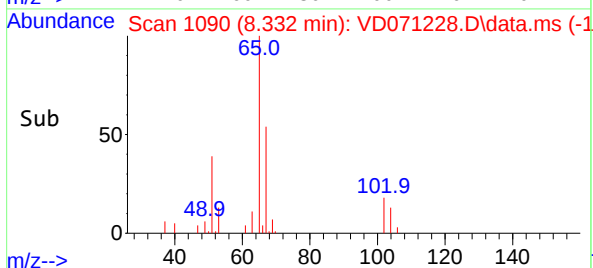
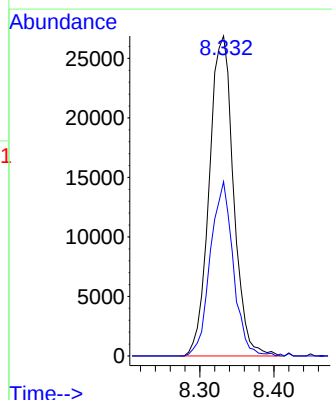
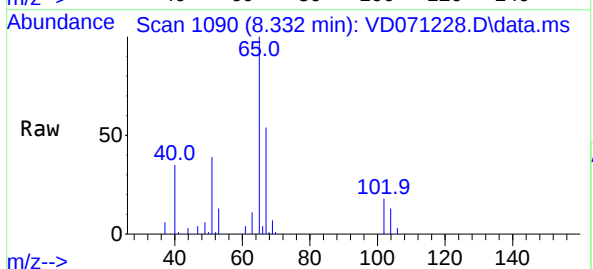


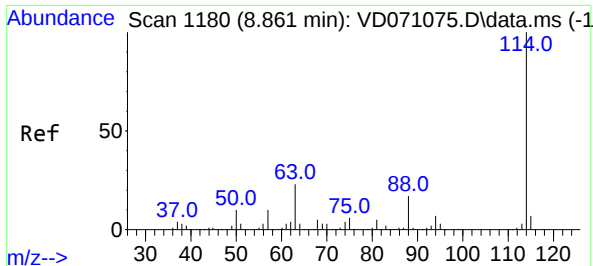
Tgt Ion:168 Resp: 78474
Ion Ratio Lower Upper
168 100
99 63.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 66.38 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071228.D
Acq: 09 Dec 2021 15:12

Tgt Ion: 65 Resp: 61121
Ion Ratio Lower Upper
65 100
67 51.5 0.0 112.2



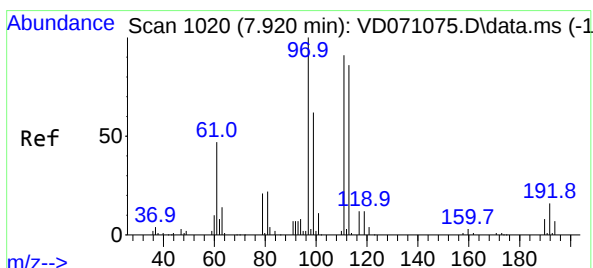
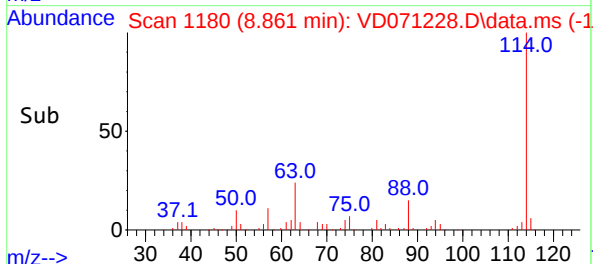
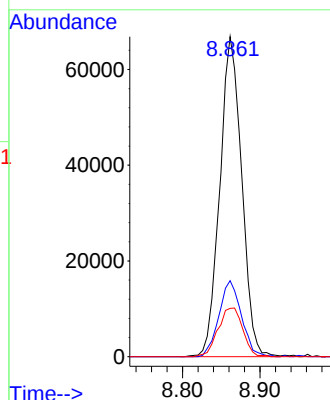
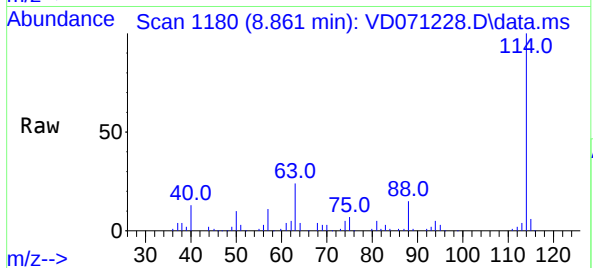


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071228.D
Acq: 09 Dec 2021 15:12

Instrument :
MSVOA_D
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WHITE-BROWN-CONCRETE-VOC

Tgt Ion:114 Resp: 131351

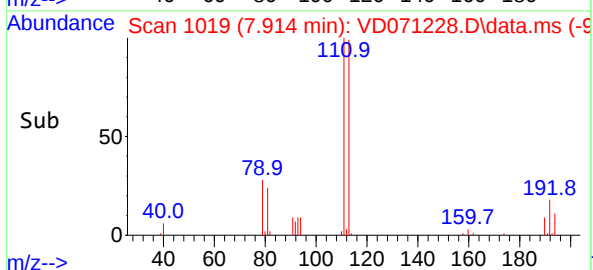
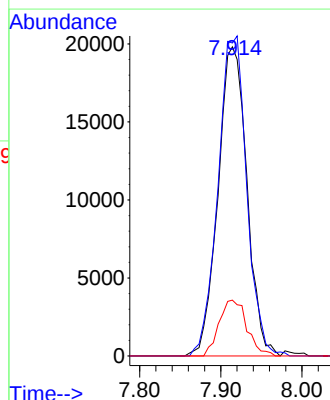
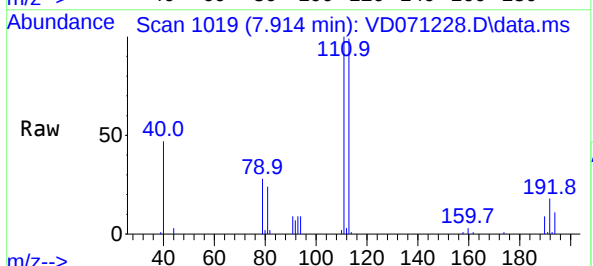
Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	41.8
88	15.1	0.0	32.8

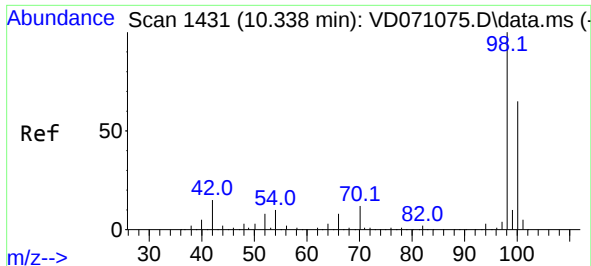


#35
Dibromofluoromethane
Concen: 58.58 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071228.D
Acq: 09 Dec 2021 15:12

Tgt Ion:113 Resp: 48994

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	17.4	15.2	22.8

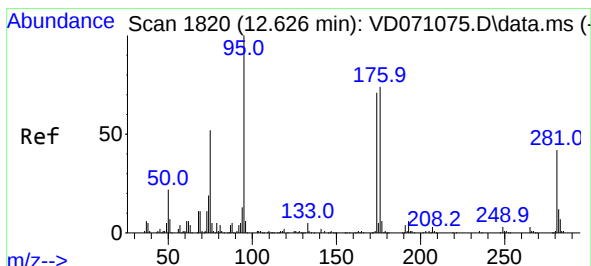
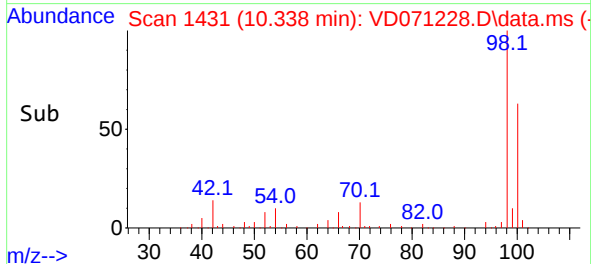
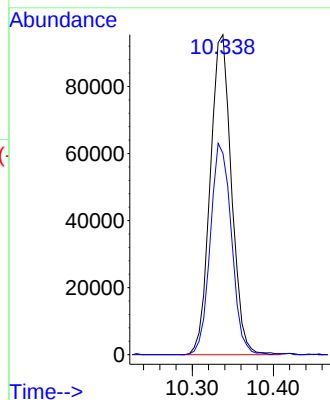
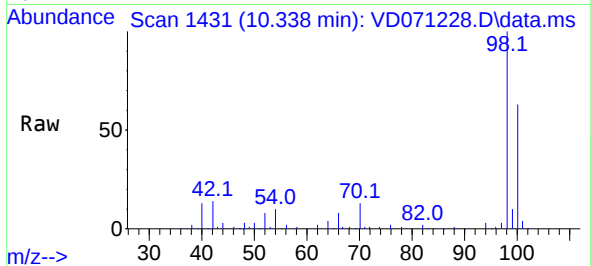




#50
Toluene-d8
Concen: 54.45 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071228.D
Acq: 09 Dec 2021 15:12

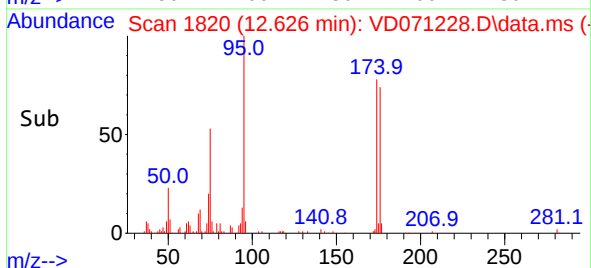
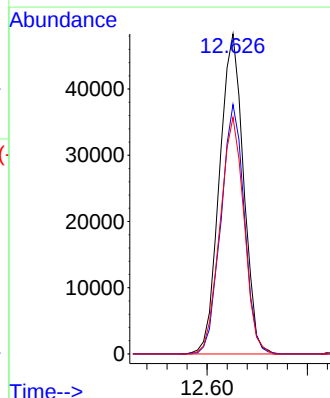
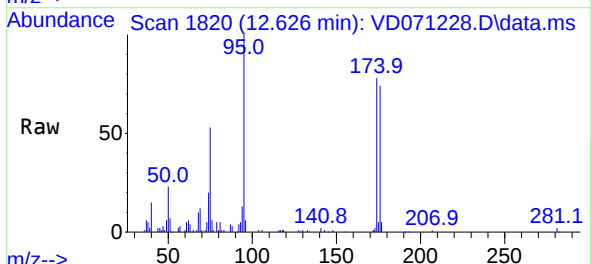
Instrument : MSVOA_D
ClientSampleId : WHITE-BROWN-CONCRETE-VOC

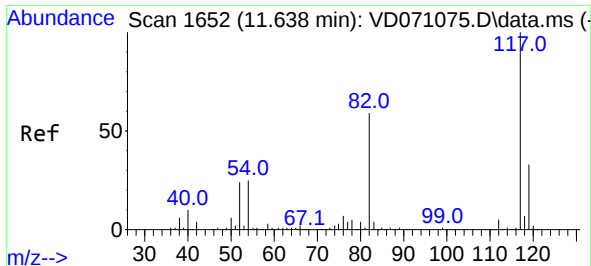
Tgt Ion: 98 Resp: 173302
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 72.75 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071228.D
Acq: 09 Dec 2021 15:12

Tgt Ion: 95 Resp: 80271
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.4
176 73.7 0.0 154.0

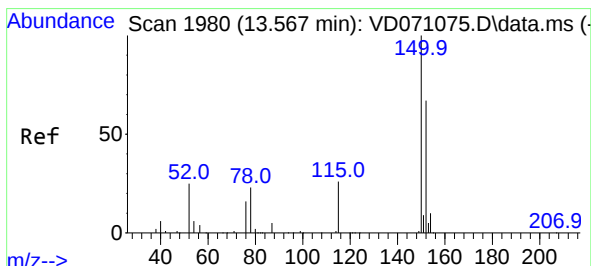
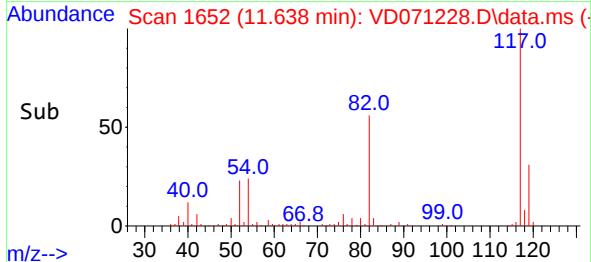
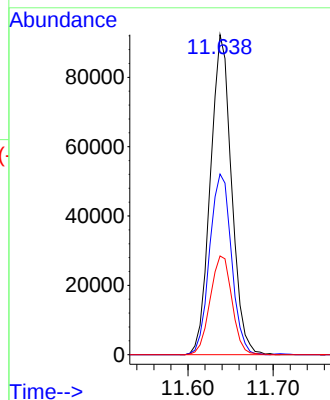
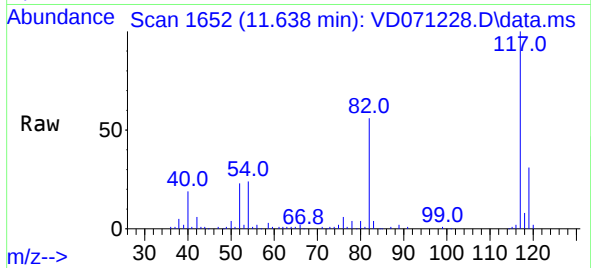




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071228.D
Acq: 09 Dec 2021 15:12

Instrument :
MSVOA_D
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Tgt Ion:117 Resp: 159016
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 30.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071228.D
Acq: 09 Dec 2021 15:12

Tgt Ion:152 Resp: 85035
Ion Ratio Lower Upper
152 100
115 59.3 29.8 89.3
150 154.1 0.0 349.2

