

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071089.D
 Acq On : 30 Nov 2021 18:04
 Operator : VA/SY
 Sample : M4867-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW9-GW-888-890

Quant Time: Dec 01 03:34:21 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)

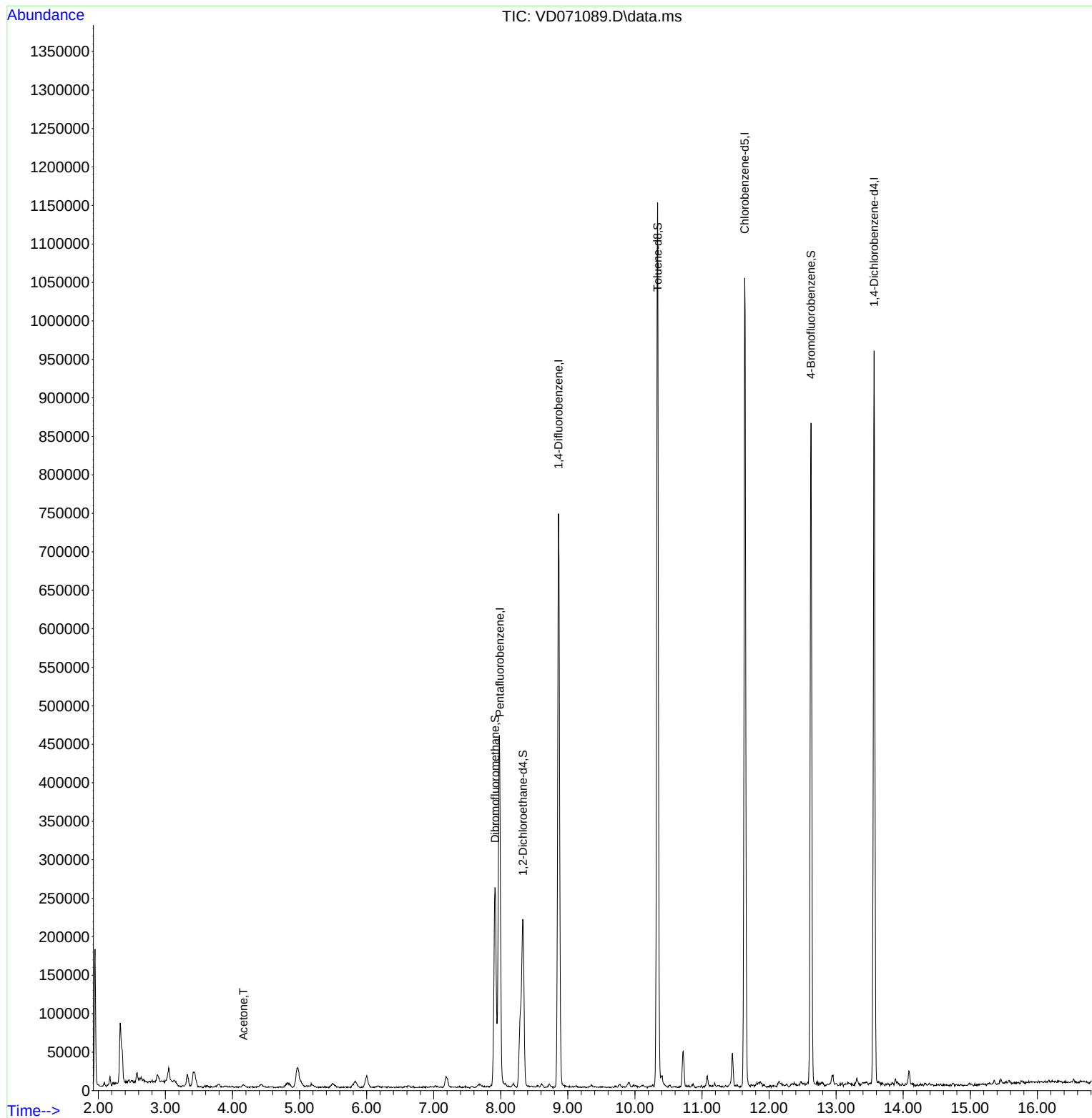
Internal Standards						
1) Pentafluorobenzene	7.985	168	323661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	587967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	568109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	231510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	169014	44.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.000%
35) Dibromofluoromethane	7.914	113	182250	48.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.360%
50) Toluene-d8	10.338	98	742551	52.115	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.626	95	253813	51.390	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.780%
Target Compounds						
16) Acetone	4.161	43	5866	35.896	ug/l	Qvalue # 74

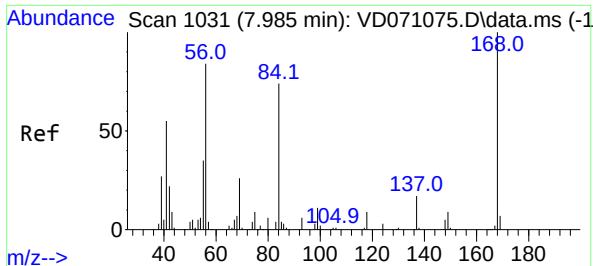
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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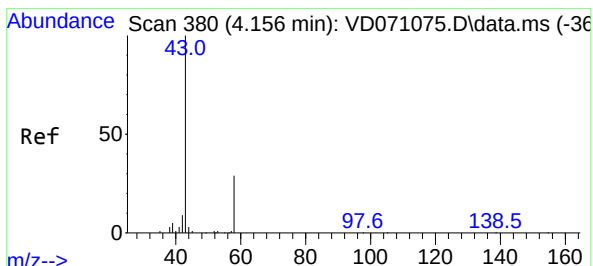
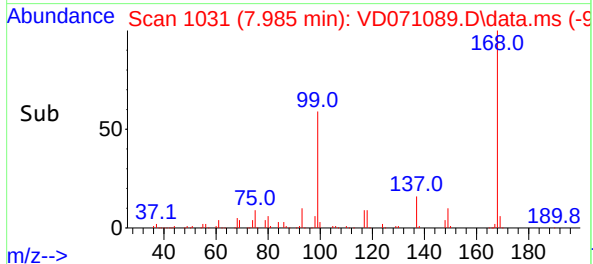
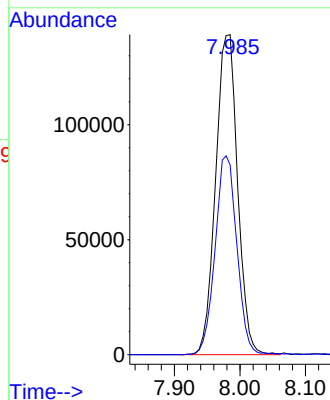
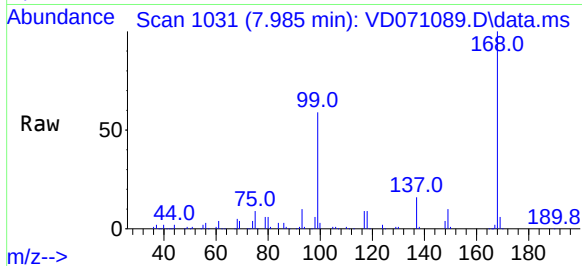




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071089.D
Acq: 30 Nov 2021 18:04

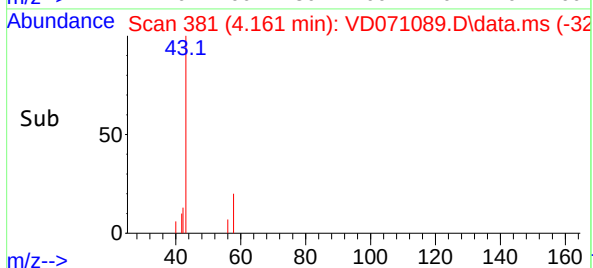
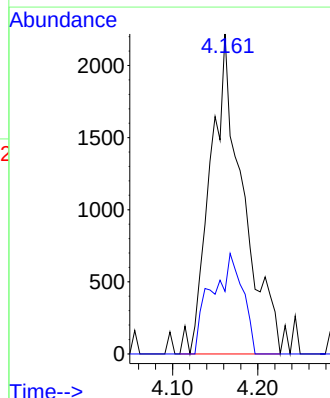
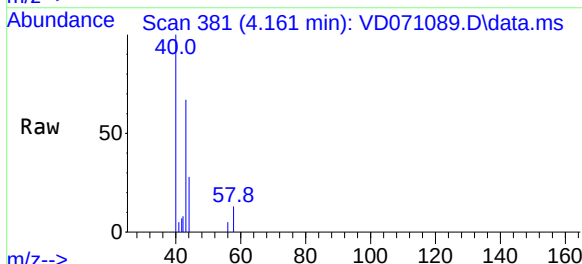
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW9-GW-888-890

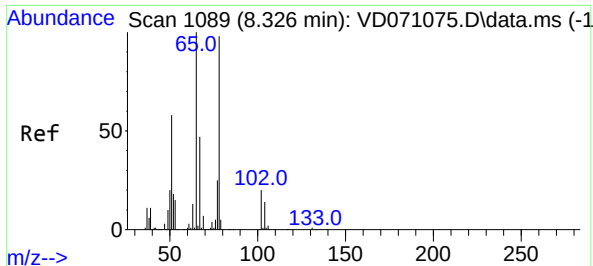
Tgt Ion:168 Resp: 323661
Ion Ratio Lower Upper
168 100
99 59.3 46.6 69.8



#16
Acetone
Concen: 35.896 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071089.D
Acq: 30 Nov 2021 18:04

Tgt Ion: 43 Resp: 5866
Ion Ratio Lower Upper
43 100
58 19.5 27.8 41.8#

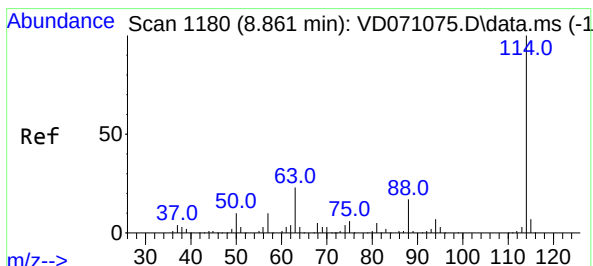
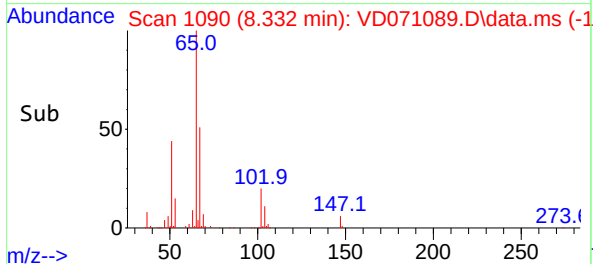
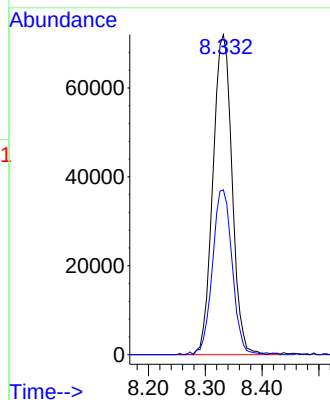
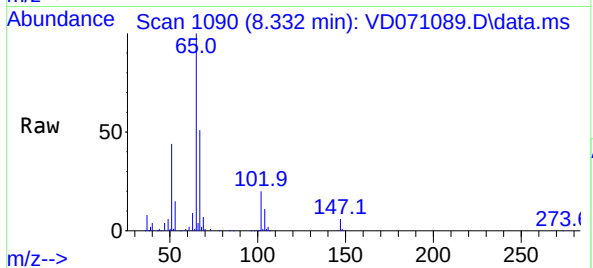




#33
1,2-Dichloroethane-d4
Concen: 44.503 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071089.D
Acq: 30 Nov 2021 18:04

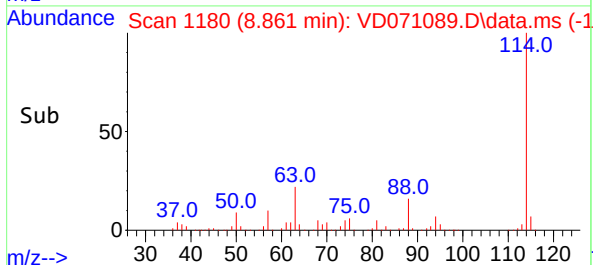
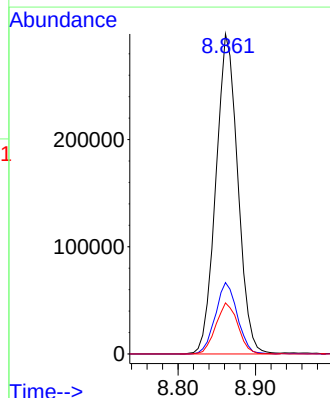
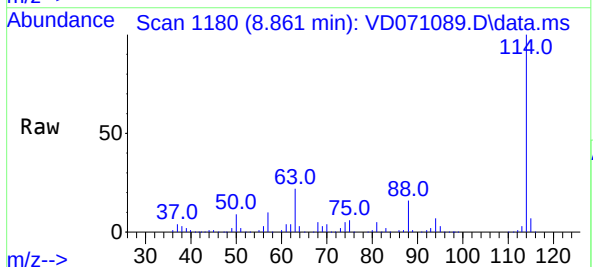
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW9-GW-888-890

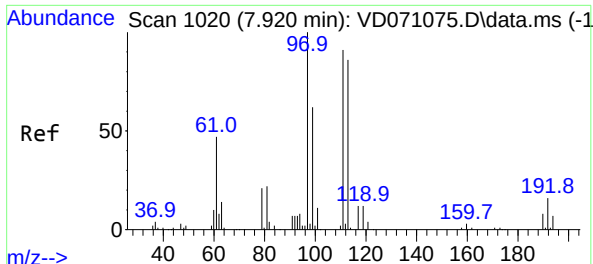
Tgt Ion: 65 Resp: 169014
Ion Ratio Lower Upper
65 100
67 52.8 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071089.D
Acq: 30 Nov 2021 18:04

Tgt Ion: 114 Resp: 587967
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 15.9 0.0 32.8

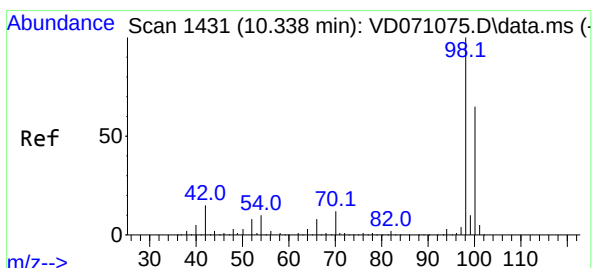
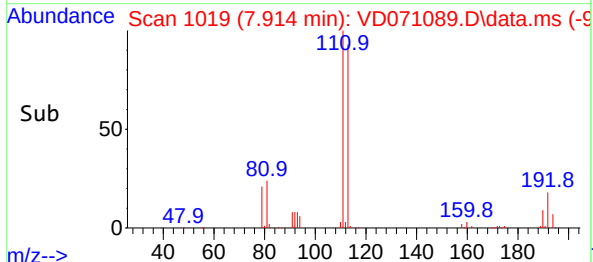
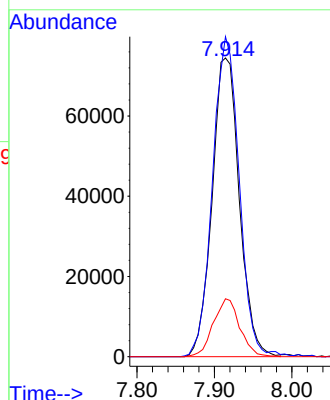
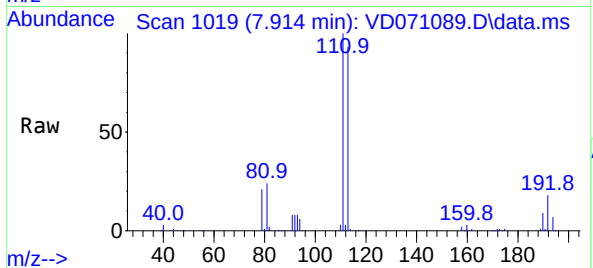




#35
Dibromofluoromethane
Concen: 48.676 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071089.D
Acq: 30 Nov 2021 18:04

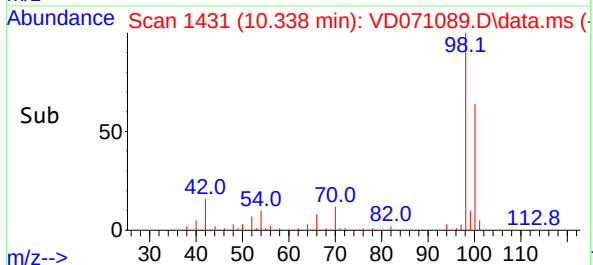
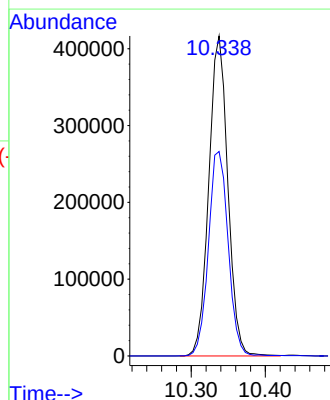
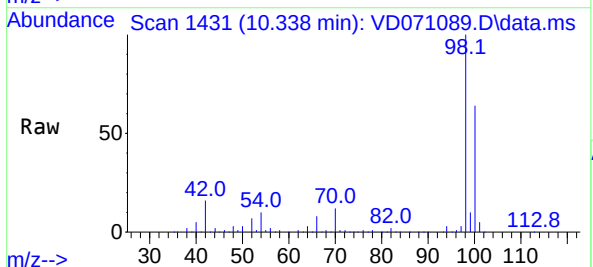
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW9-GW-888-890

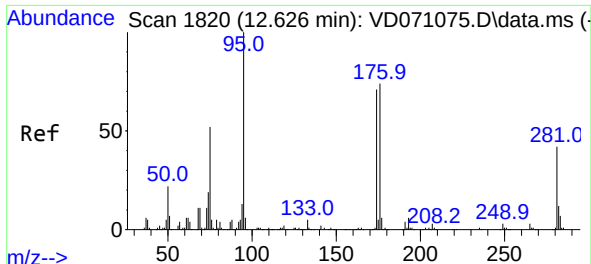
Tgt Ion:113 Resp: 182250
Ion Ratio Lower Upper
113 100
111 104.6 82.0 123.0
192 18.8 15.2 22.8



#50
Toluene-d8
Concen: 52.115 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071089.D
Acq: 30 Nov 2021 18:04

Tgt Ion: 98 Resp: 742551
Ion Ratio Lower Upper
98 100
100 66.4 51.8 77.6

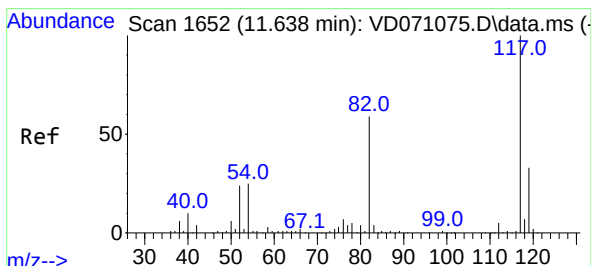
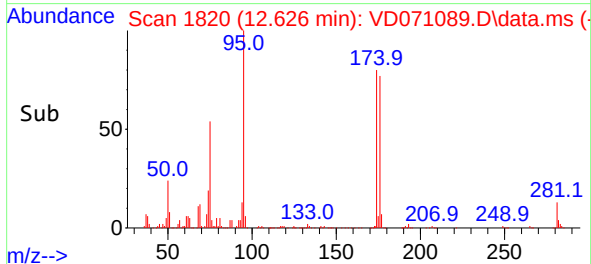
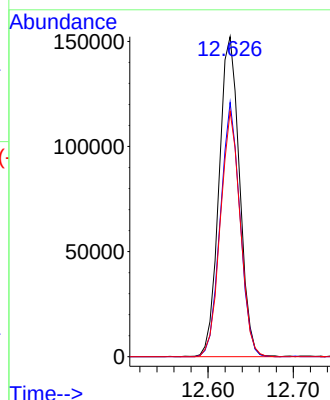
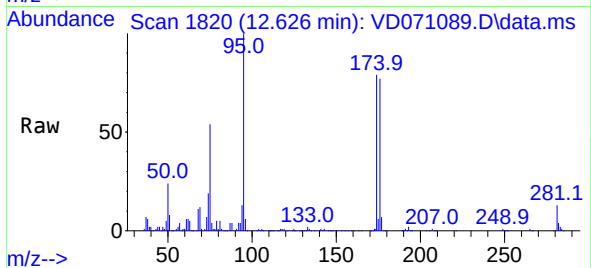




#62
4-Bromofluorobenzene
Concen: 51.390 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071089.D
Acq: 30 Nov 2021 18:04

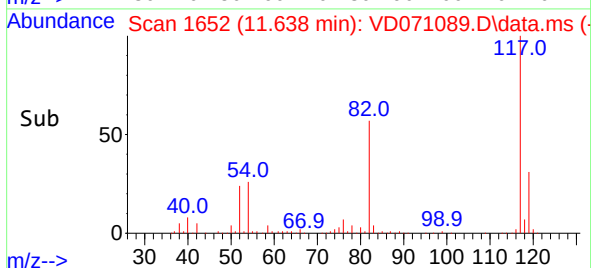
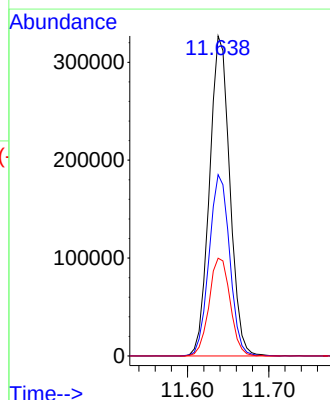
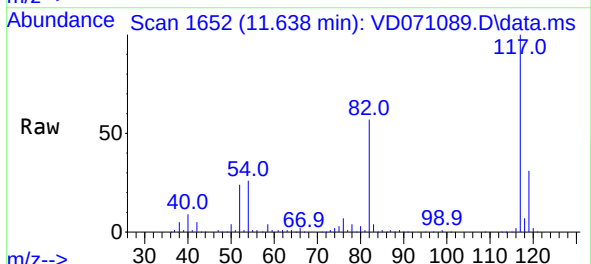
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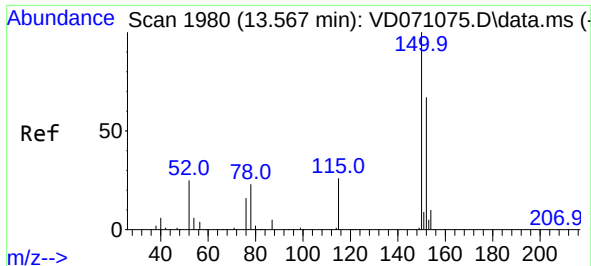
Tgt Ion: 95 Resp: 253813
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 74.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071089.D
Acq: 30 Nov 2021 18:04

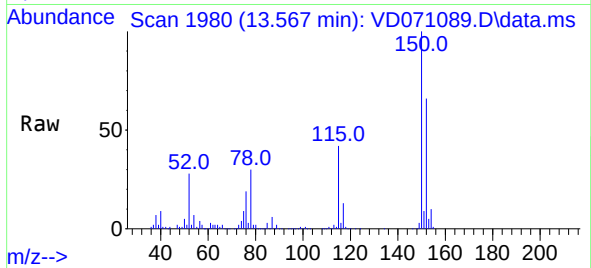
Tgt Ion: 117 Resp: 568109
Ion Ratio Lower Upper
117 100
82 56.7 44.7 67.1
119 30.5 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071089.D
 Acq: 30 Nov 2021 18:04

Instrument :
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 ClientSampleId :
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Tgt Ion:152 Resp: 231510

Ion	Ratio	Lower	Upper
152	100		
115	62.6	29.8	89.3
150	157.7	0.0	349.2

