

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071445.D
 Acq On : 23 Dec 2021 16:17
 Operator : VA/SY
 Sample : M5044-09
 Misc : 6.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-9-4.5

Quant Time: Dec 24 03:31:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

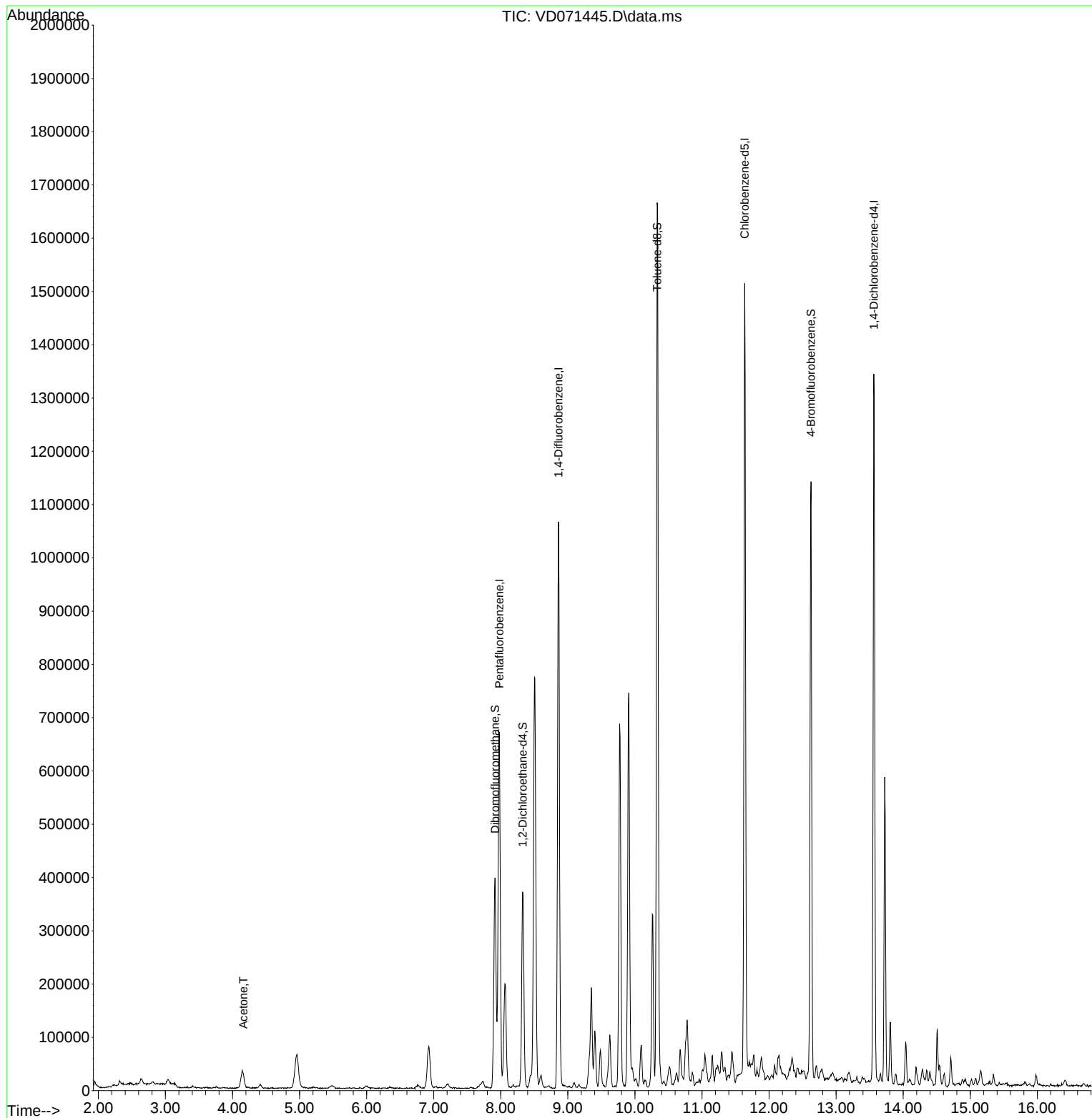
Internal Standards						
1) Pentafluorobenzene	7.979	168	465114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	837239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	758369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	334287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	292238	47.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.620%
35) Dibromofluoromethane	7.914	113	268898	47.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.580%
50) Toluene-d8	10.332	98	1073489	50.483	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.626	95	346000	45.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.580%
Target Compounds					Qvalue	
16) Acetone	4.161	43	41140	26.515	ug/l #	71

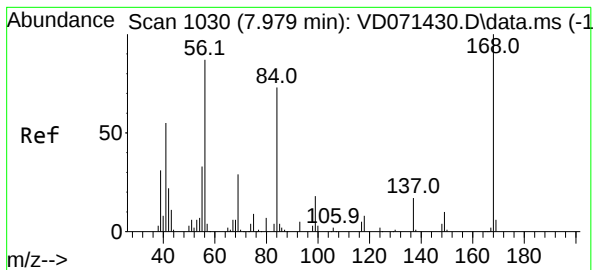
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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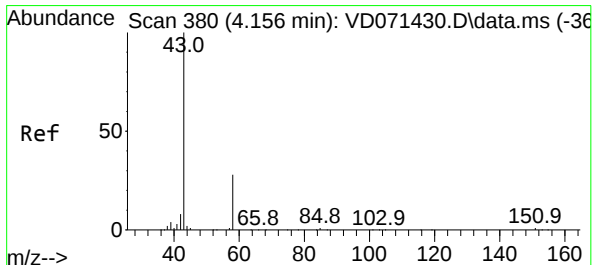
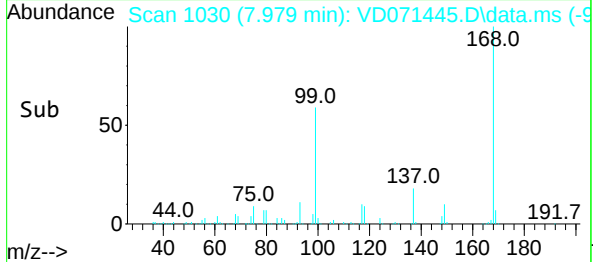
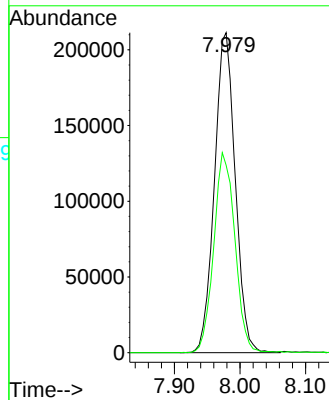
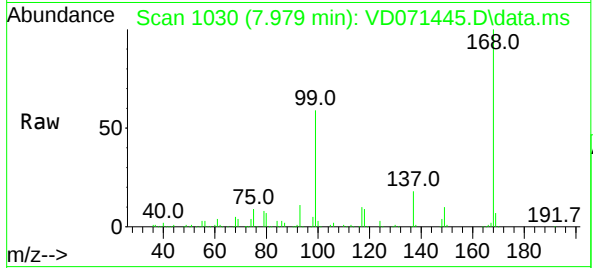




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071445.D
Acq: 23 Dec 2021 16:17

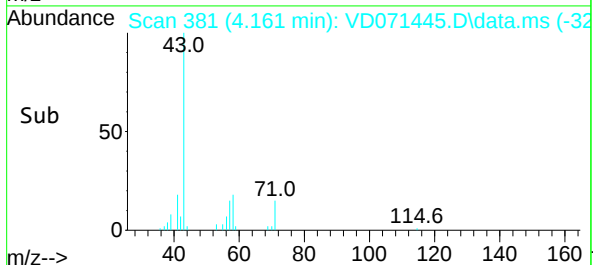
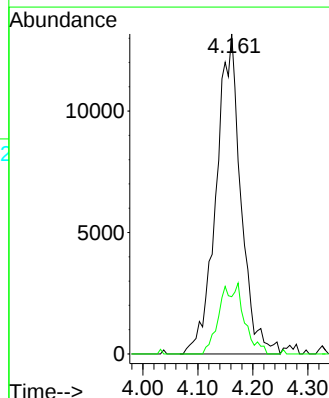
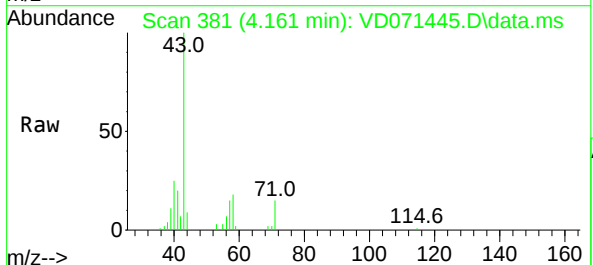
Instrument :
MSVOA_D
ClientSampleId :
DA-9-4.5

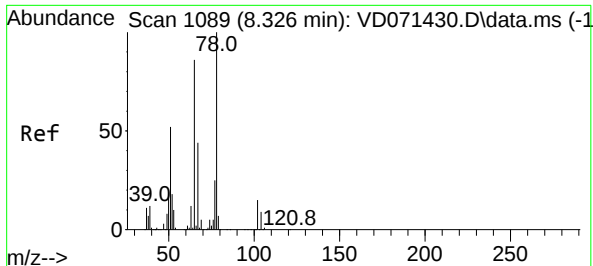
Tgt Ion:168 Resp: 465114
Ion Ratio Lower Upper
168 100
99 58.6 46.6 69.8



#16
Acetone
Concen: 26.515 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071445.D
Acq: 23 Dec 2021 16:17

Tgt Ion: 43 Resp: 41140
Ion Ratio Lower Upper
43 100
58 17.9 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 47.310 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071445.D

Acq: 23 Dec 2021 16:17

Instrument :

MSVOA_D

ClientSampleId :

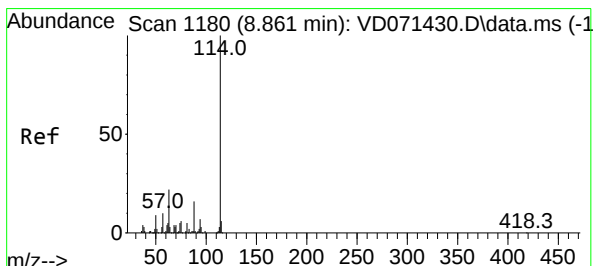
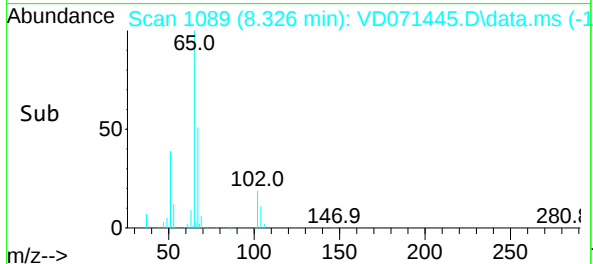
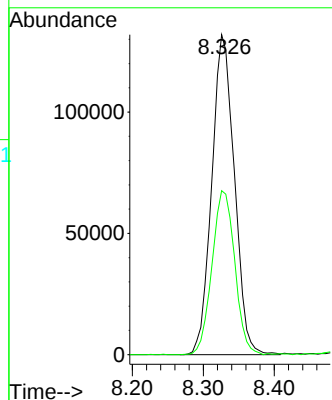
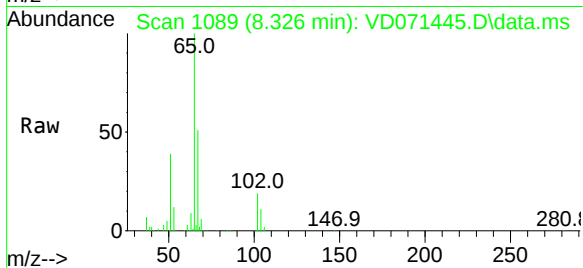
DA-9-4.5

Tgt Ion: 65 Resp: 292238

Ion Ratio Lower Upper

65 100

67 51.6 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: VD071445.D

Acq: 23 Dec 2021 16:17

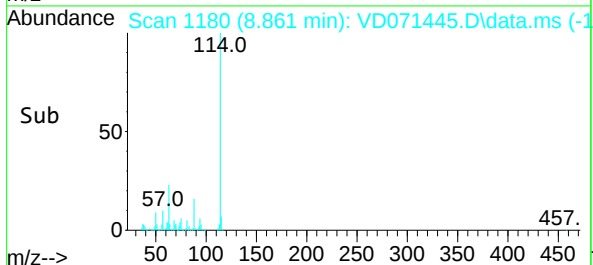
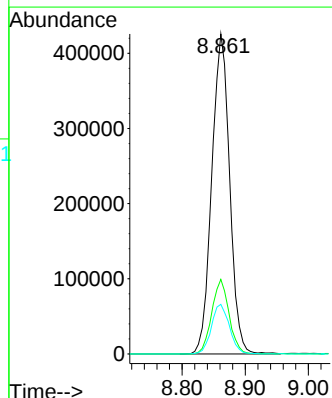
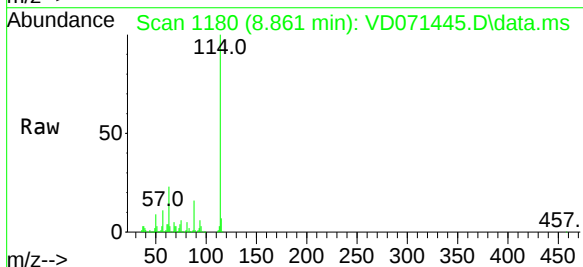
Tgt Ion: 114 Resp: 837239

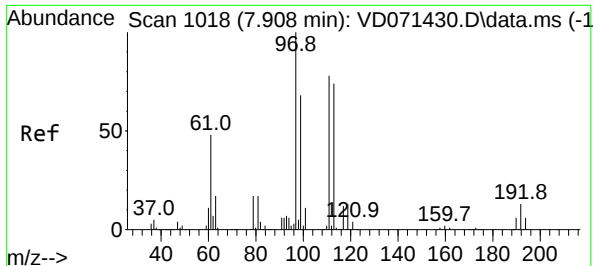
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.788 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD071445.D

Acq: 23 Dec 2021 16:17

Instrument :

MSVOA_D

ClientSampleId :

DA-9-4.5

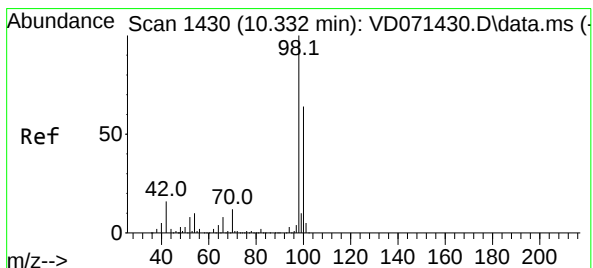
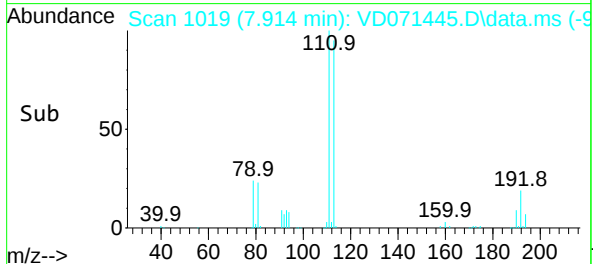
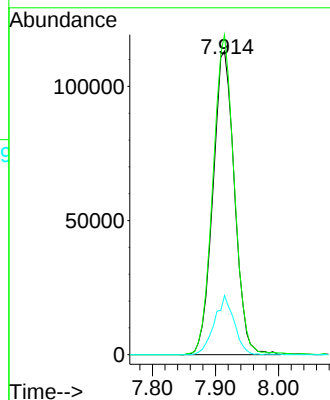
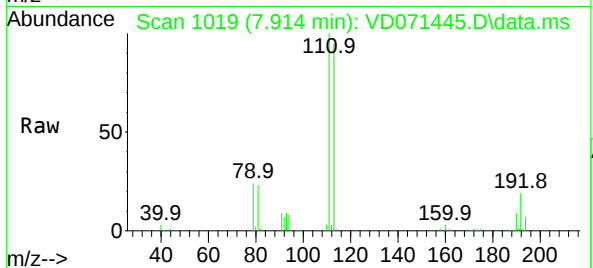
Tgt Ion:113 Resp: 268898

Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

192 17.8 15.2 22.8



#50

Toluene-d8

Concen: 50.483 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD071445.D

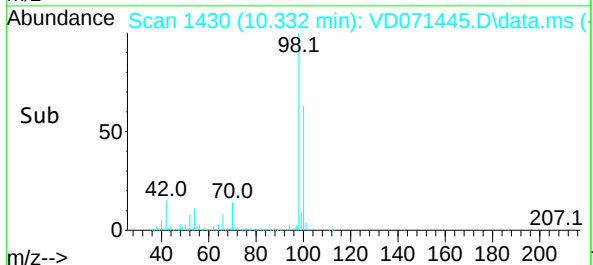
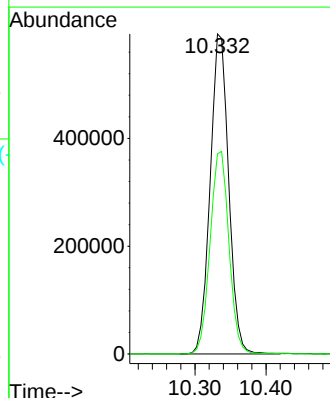
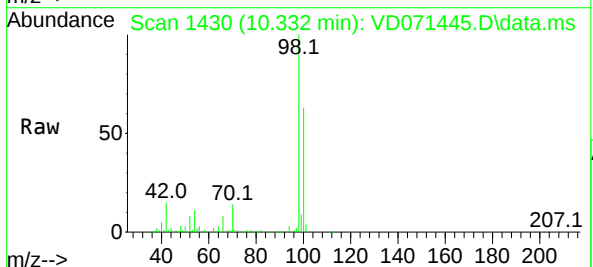
Acq: 23 Dec 2021 16:17

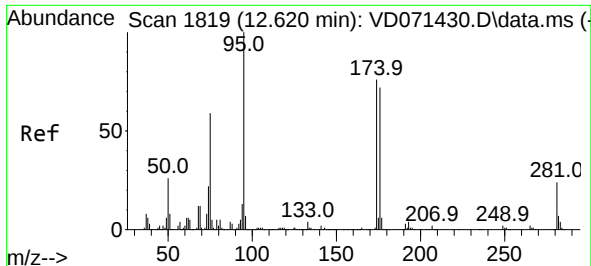
Tgt Ion: 98 Resp: 1073489

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6

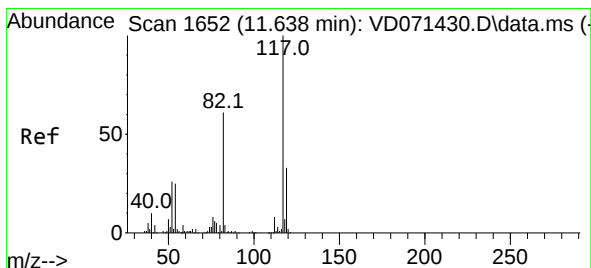
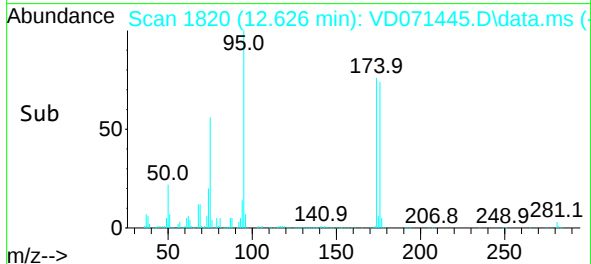
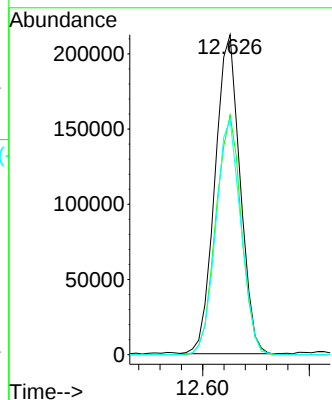
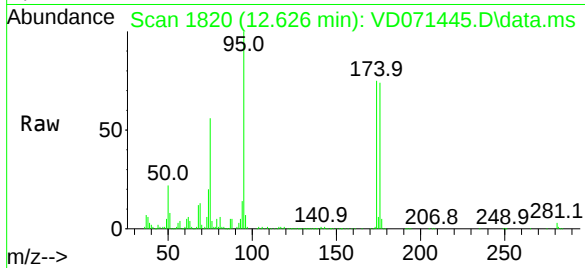




#62
4-Bromofluorobenzene
Concen: 45.790 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071445.D
Acq: 23 Dec 2021 16:17

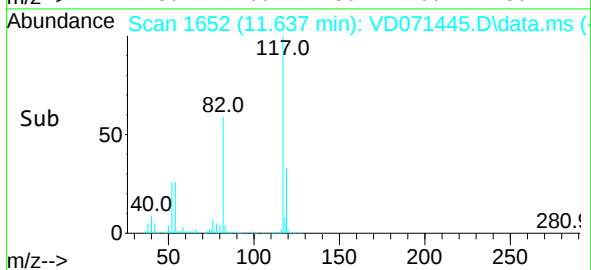
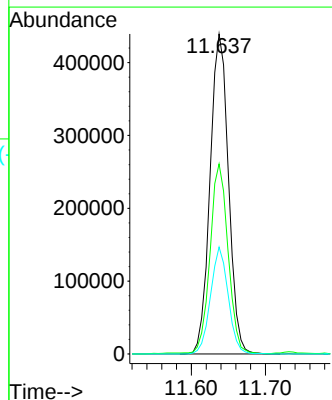
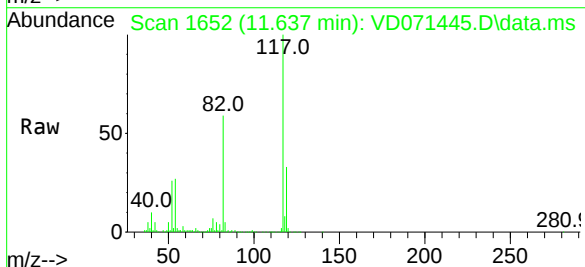
Instrument :
MSVOA_D
ClientSampleId :
DA-9-4.5

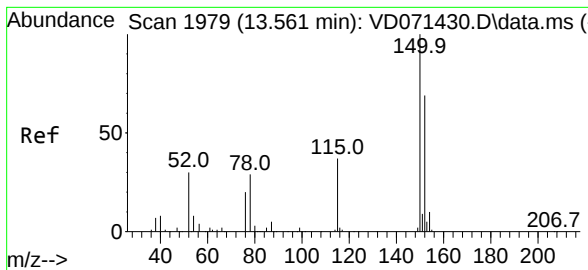
Tgt Ion: 95 Resp: 346000
Ion Ratio Lower Upper
95 100
174 76.1 0.0 159.4
176 74.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD071445.D
Acq: 23 Dec 2021 16:17

Tgt Ion: 117 Resp: 758369
Ion Ratio Lower Upper
117 100
82 59.1 44.7 67.1
119 33.4 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD071445.D
 Acq: 23 Dec 2021 16:17

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-9-4.5

Tgt Ion:152 Resp: 334287
 Ion Ratio Lower Upper
 152 100
 115 59.8 29.8 89.3
 150 153.2 0.0 349.2

