

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076346.D
 Acq On : 06 Jun 2023 18:03
 Operator : KP/SY
 Sample : 03042-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Jun 07 06:11:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	1968	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.763	114	3603	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.587	117	2905	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.528	152	1157	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2428	137.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	275.400%#
35) Dibromofluoromethane	7.793	113	1322	57.788	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.580%
50) Toluene-d8	10.263	98	3562	39.107	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.220%
62) 4-Bromofluorobenzene	12.575	95	932	38.665	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.340%

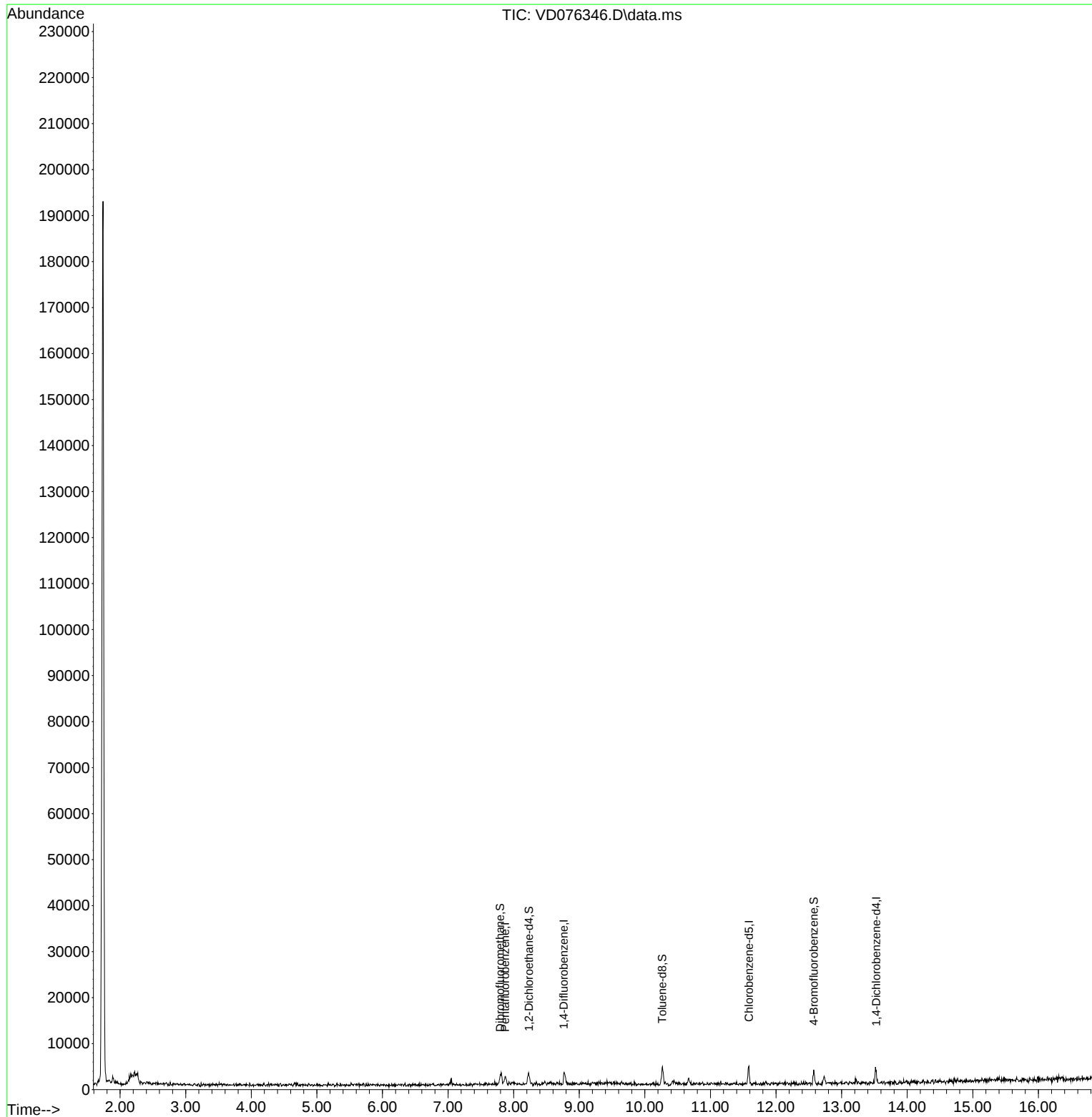
Target Compounds	Qvalue

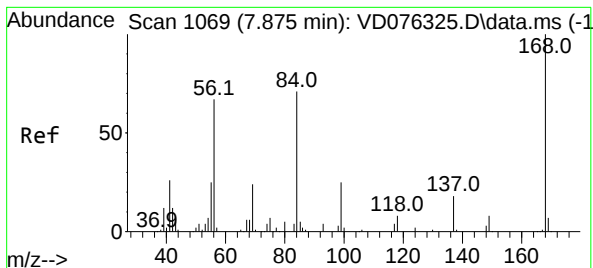
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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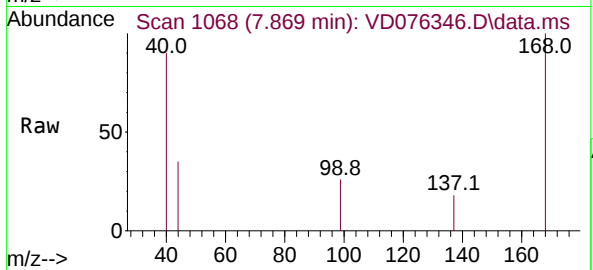
Quant Time: Jun 07 06:11:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
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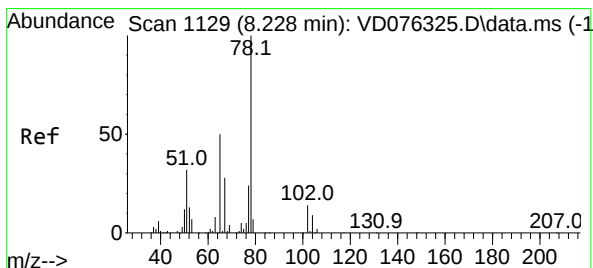
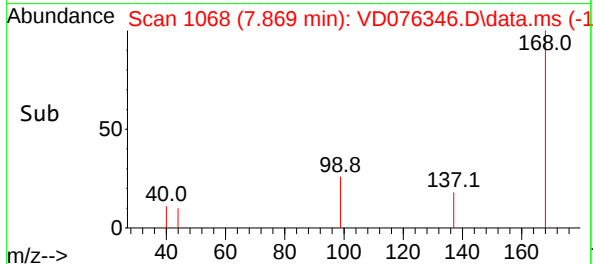
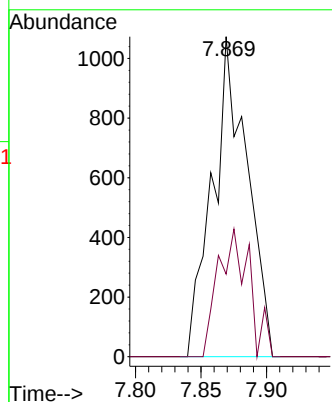


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Instrument :
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ClientSampleId :
WC-1

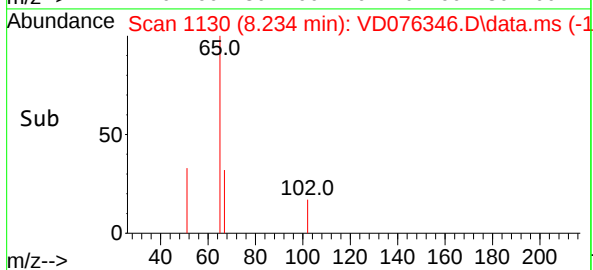
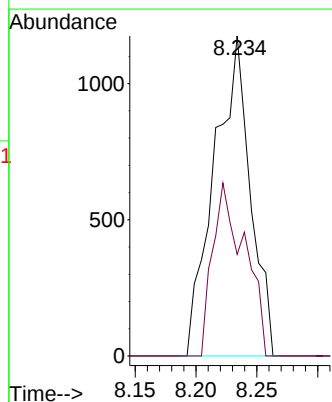
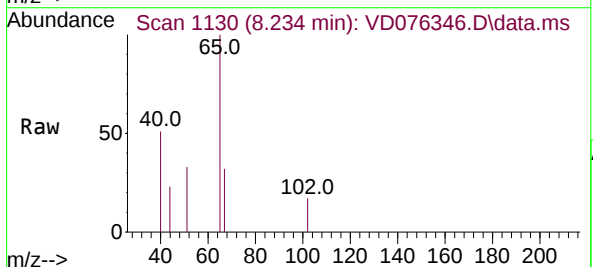


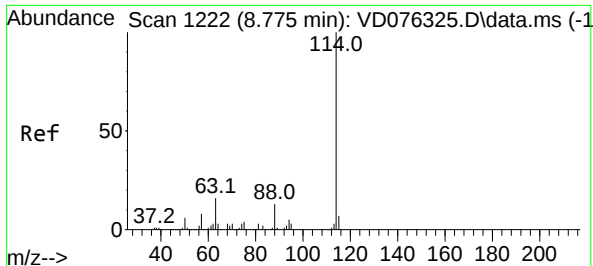
Tgt Ion:168 Resp: 1968
Ion Ratio Lower Upper
168 100
99 25.8 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 137.695 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Tgt Ion: 65 Resp: 2428
Ion Ratio Lower Upper
65 100
67 48.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD076346.D

Acq: 06 Jun 2023 18:03

Instrument :

MSVOA_D

ClientSampleId :

WC-1

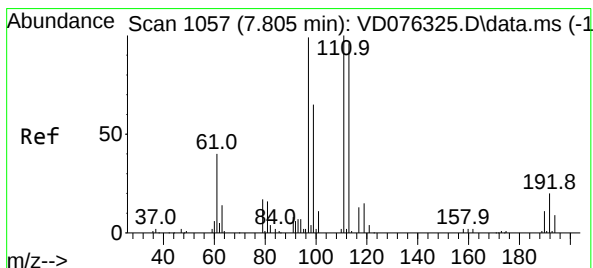
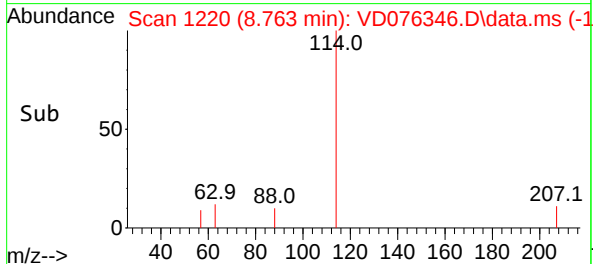
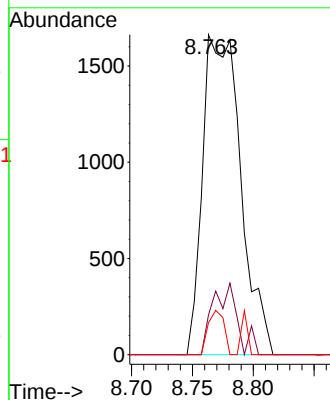
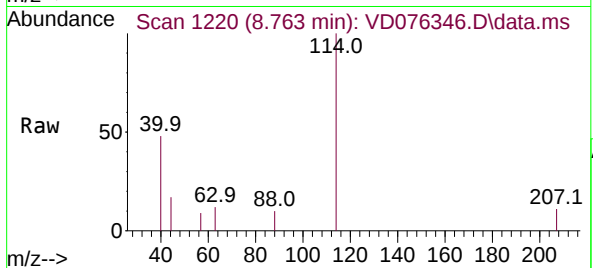
Tgt Ion:114 Resp: 3603

Ion Ratio Lower Upper

114 100

63 12.4 0.0 33.4

88 10.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 57.788 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VD076346.D

Acq: 06 Jun 2023 18:03

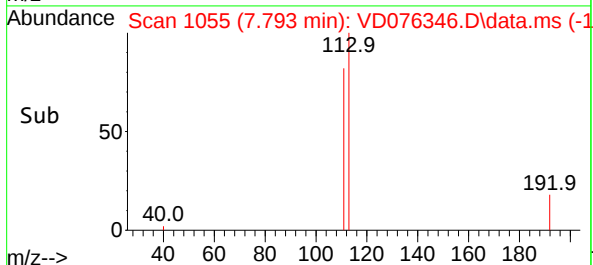
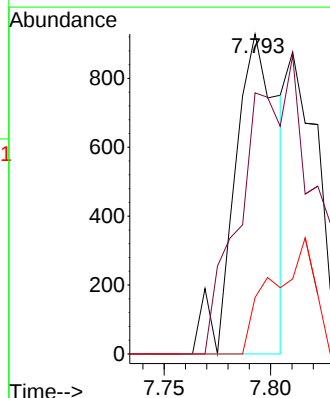
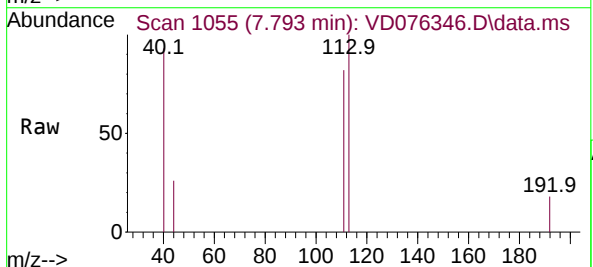
Tgt Ion:113 Resp: 1322

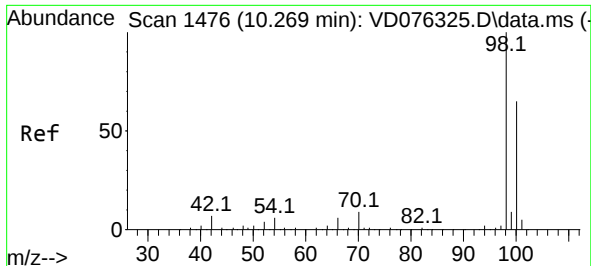
Ion Ratio Lower Upper

113 100

111 0.0 84.7 127.1#

192 0.0 16.8 25.2#

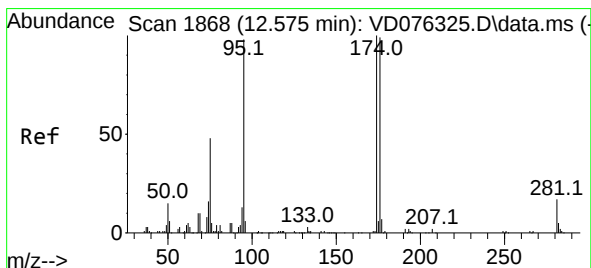
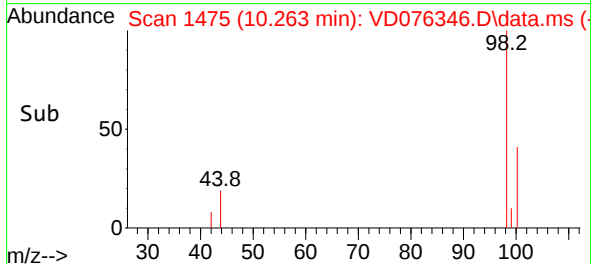
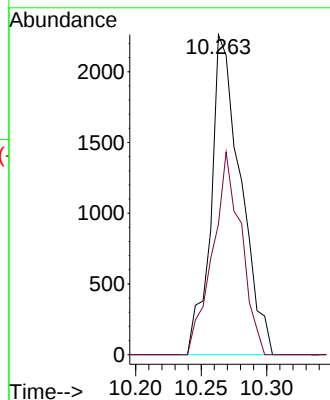
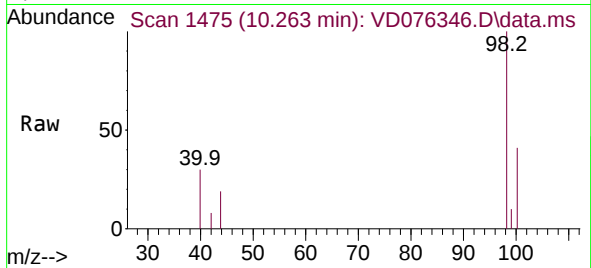




#50
Toluene-d8
Concen: 39.107 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

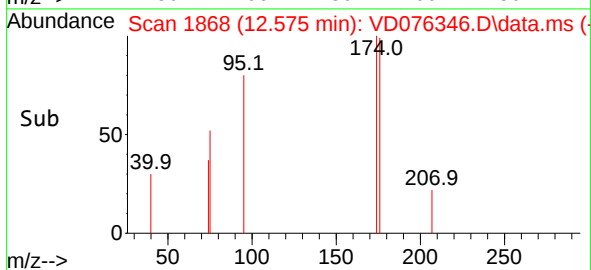
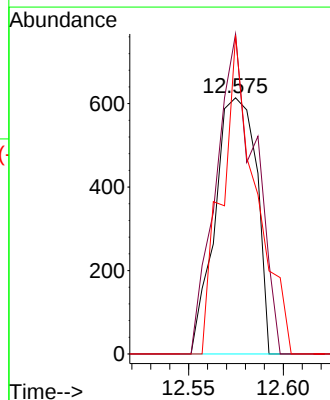
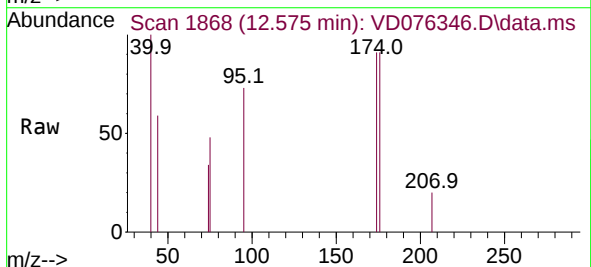
Instrument :
MSVOA_D
ClientSampleId :
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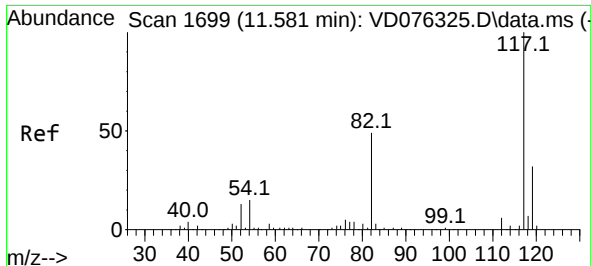
Tgt Ion: 98 Resp: 3562
Ion Ratio Lower Upper
98 100
100 60.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 38.665 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Tgt Ion: 95 Resp: 932
Ion Ratio Lower Upper
95 100
174 118.6 0.0 201.8
176 102.9 0.0 191.8

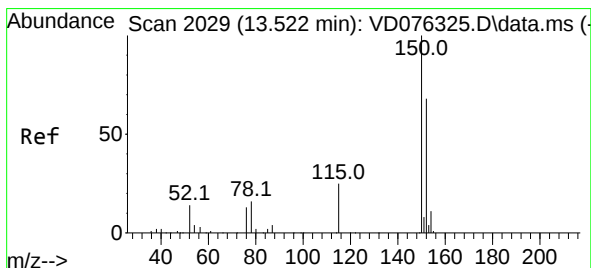
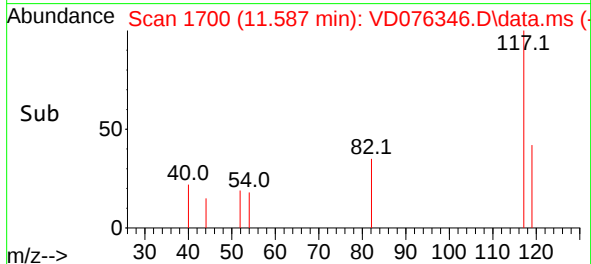
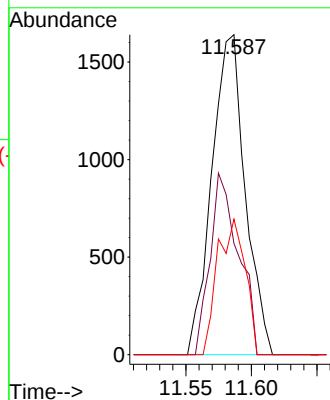
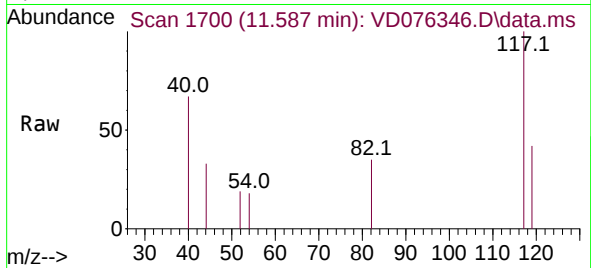




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 2905
Ion Ratio Lower Upper
117 100
82 34.8 38.3 57.5#
119 42.4 25.0 37.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.528 min Scan# 2030
Delta R.T. 0.006 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Tgt Ion:152 Resp: 1157
Ion Ratio Lower Upper
152 100
115 63.6 27.1 81.3
150 166.1 0.0 353.6

