

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076541.D
 Acq On : 22 Jun 2023 16:13
 Operator : KP/SY
 Sample : 03366-03
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB38

Quant Time: Jun 23 06:36:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	5706	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	10015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	9993	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5421	94.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	189.640%#
35) Dibromofluoromethane	7.810	113	3908	65.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.380%
50) Toluene-d8	10.269	98	11660	51.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.575	95	4046	55.252	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.500%

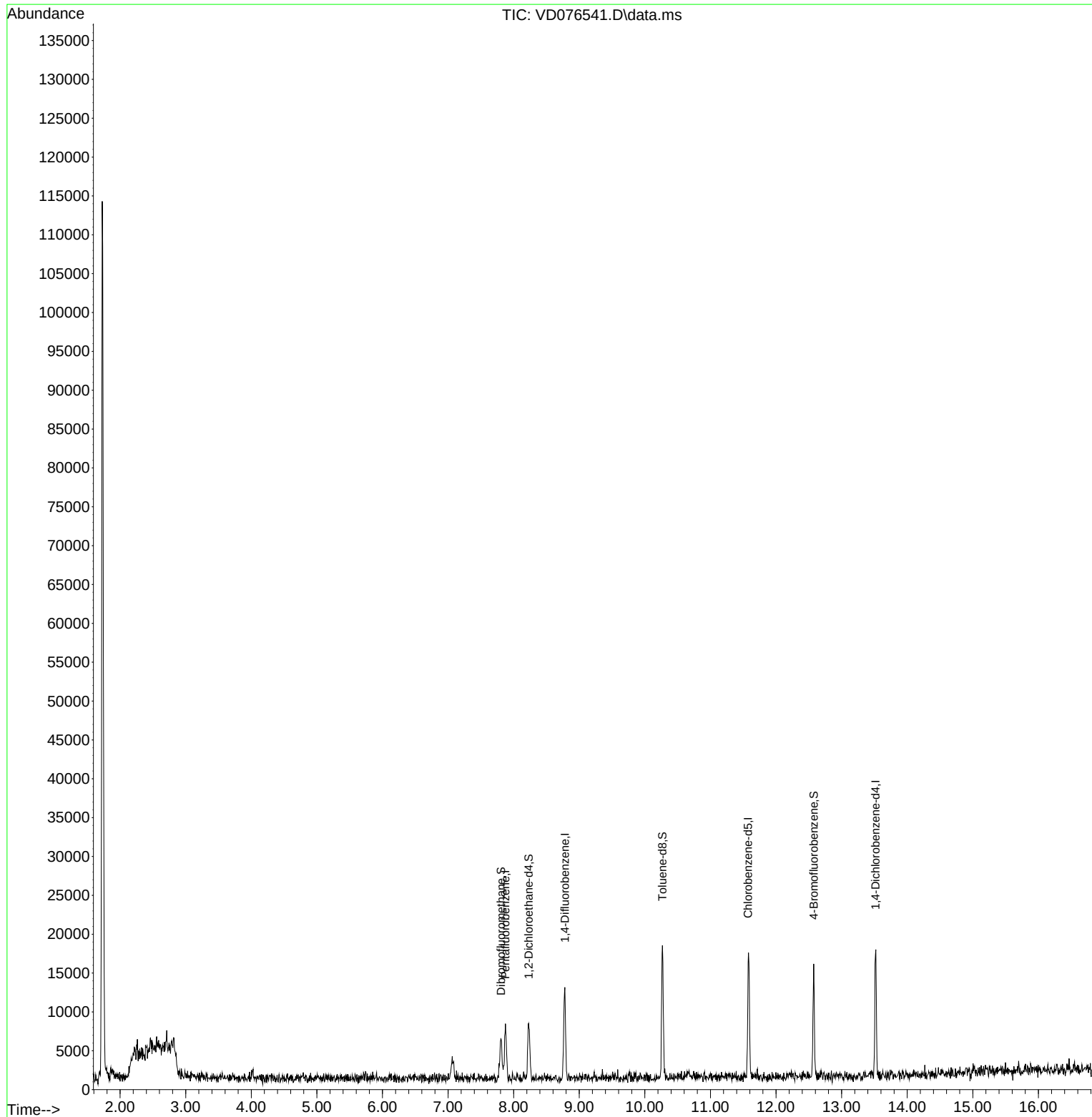
Target Compounds	Qvalue

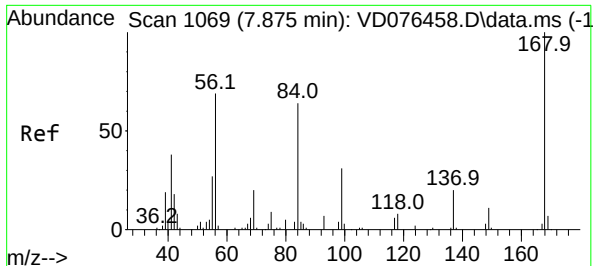
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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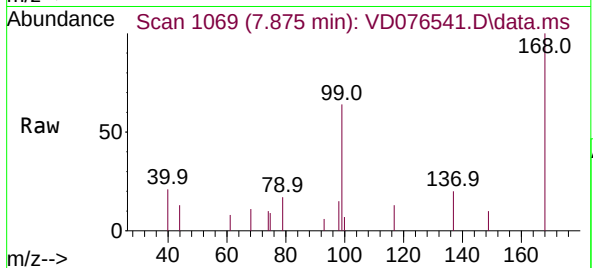
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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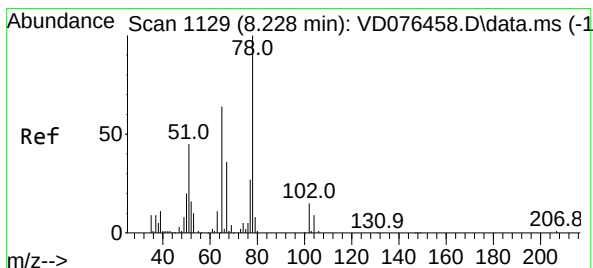
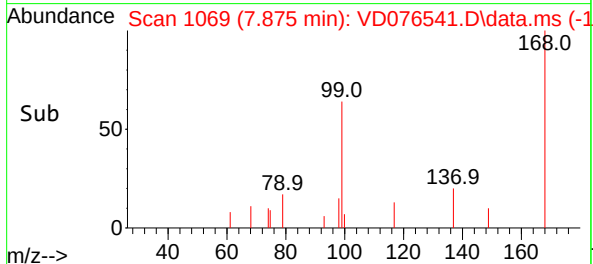
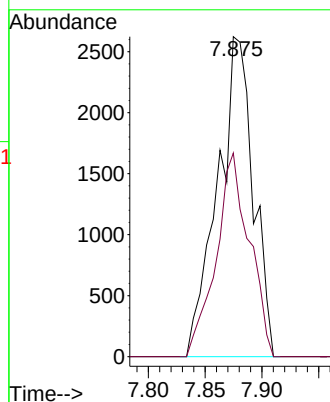


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076541.D
Acq: 22 Jun 2023 16:13

Instrument :
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ClientSampleId :
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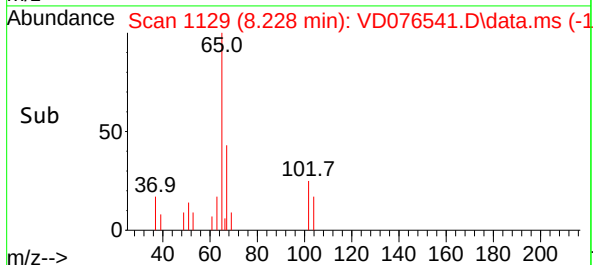
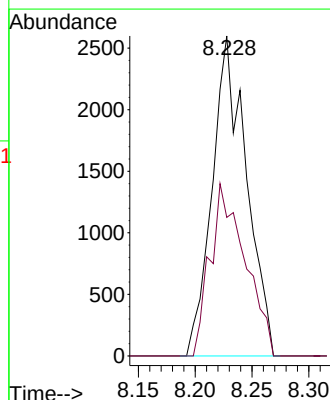
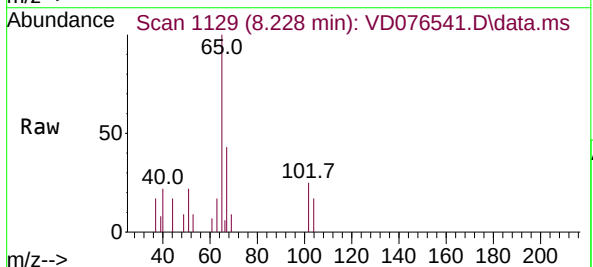


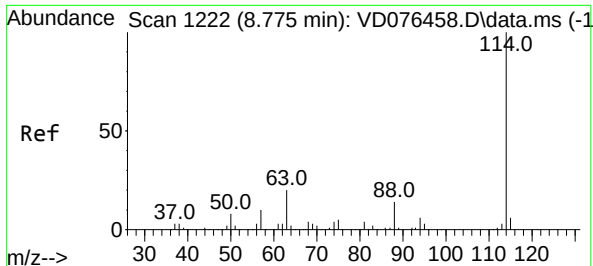
Tgt Ion:168 Resp: 5706
Ion Ratio Lower Upper
168 100
99 63.7 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 94.824 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076541.D
Acq: 22 Jun 2023 16:13

Tgt Ion: 65 Resp: 5421
Ion Ratio Lower Upper
65 100
67 55.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076541.D

Acq: 22 Jun 2023 16:13

Instrument :

MSVOA_D

ClientSampleId :

SB38

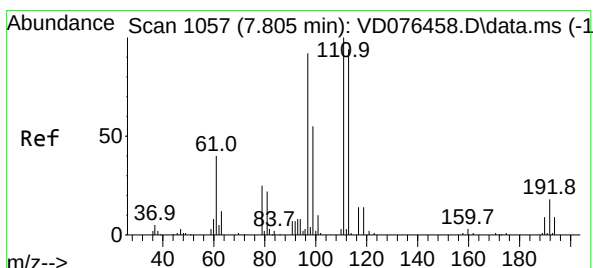
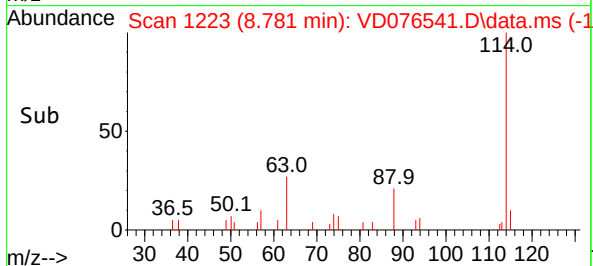
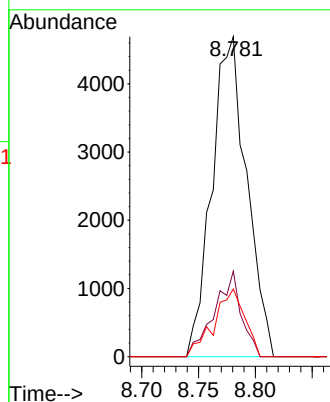
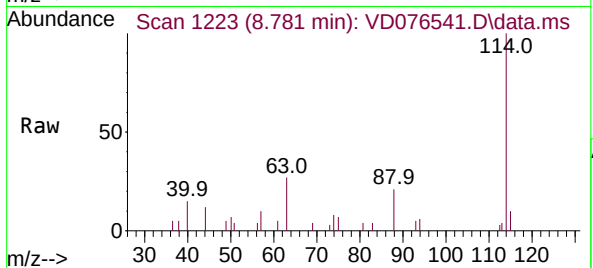
Tgt Ion:114 Resp: 10015

Ion Ratio Lower Upper

114 100

63 26.7 0.0 33.4

88 21.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 65.685 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076541.D

Acq: 22 Jun 2023 16:13

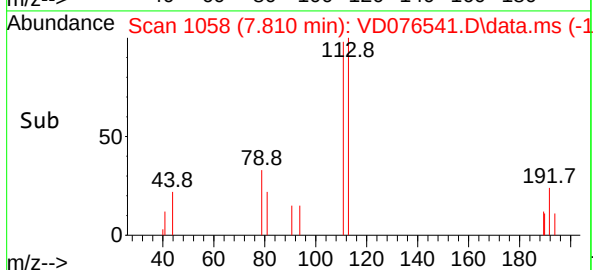
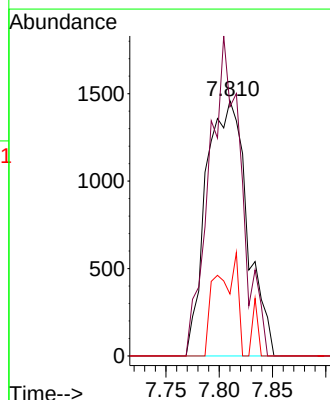
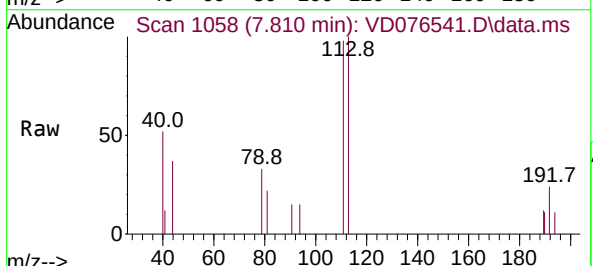
Tgt Ion:113 Resp: 3908

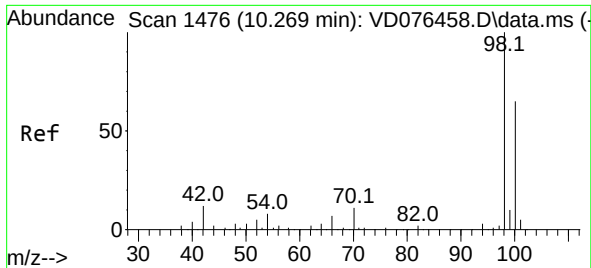
Ion Ratio Lower Upper

113 100

111 98.1 84.7 127.1

192 20.4 16.8 25.2

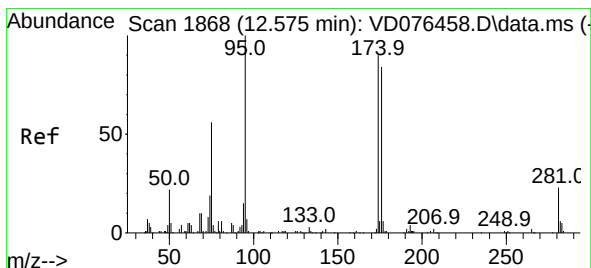
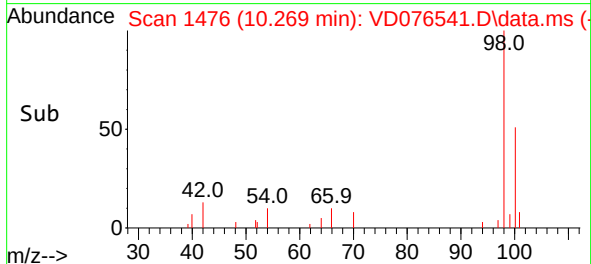
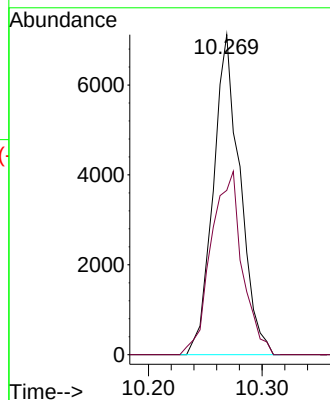
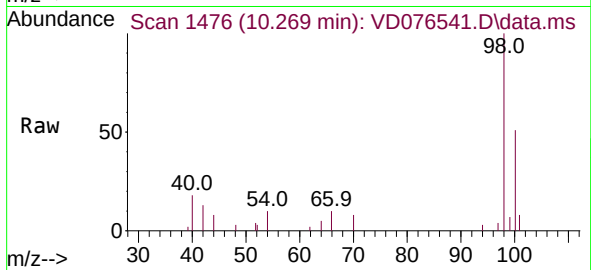




#50
Toluene-d8
Concen: 51.676 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076541.D
Acq: 22 Jun 2023 16:13

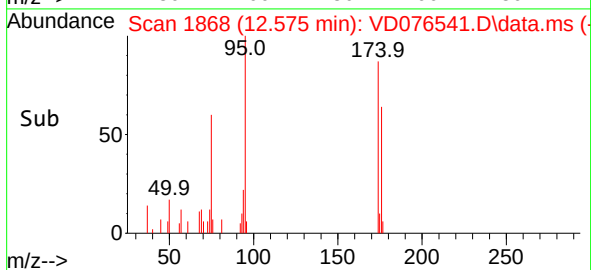
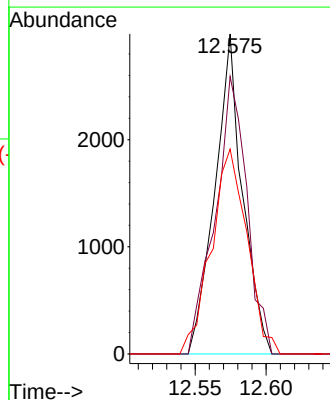
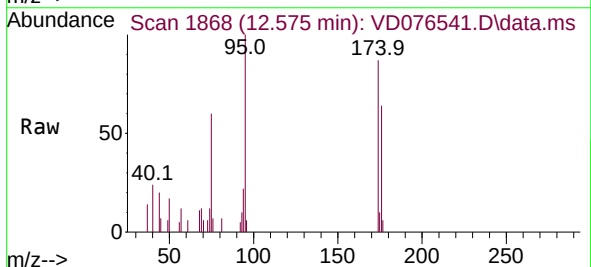
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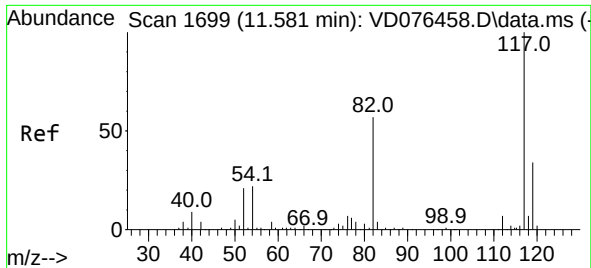
Tgt Ion: 98 Resp: 11660
Ion Ratio Lower Upper
98 100
100 66.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.252 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076541.D
Acq: 22 Jun 2023 16:13

Tgt Ion: 95 Resp: 4046
Ion Ratio Lower Upper
95 100
174 99.4 0.0 201.8
176 82.7 0.0 191.8

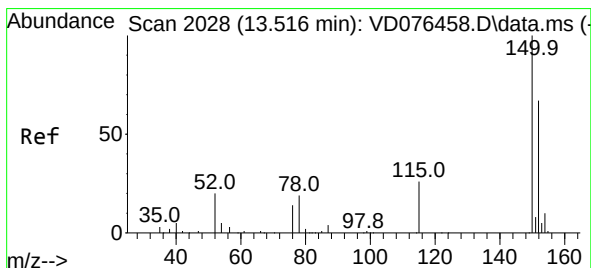
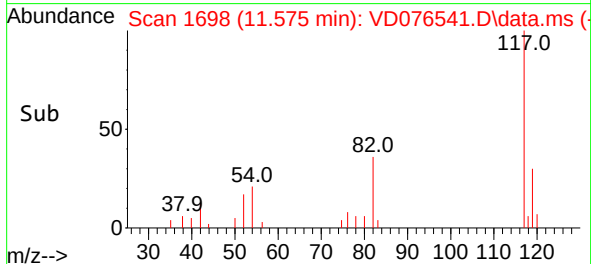
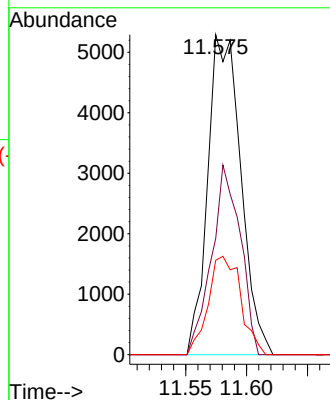
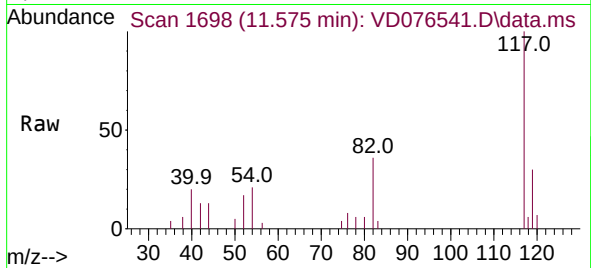




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076541.D
Acq: 22 Jun 2023 16:13

Instrument :
MSVOA_D
ClientSampleId :
SB38

Tgt Ion:117 Resp: 9993
Ion Ratio Lower Upper
117 100
82 36.3 38.3 57.5#
119 29.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076541.D
Acq: 22 Jun 2023 16:13

Tgt Ion:152 Resp: 4292
Ion Ratio Lower Upper
152 100
115 62.1 27.1 81.3
150 154.2 0.0 353.6

