

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075264.D
 Acq On : 08 Feb 2023 11:18
 Operator : KP/SY
 Sample : VD0208SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBL01

Quant Time: Feb 09 05:40:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	72959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	132538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	125958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	58450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	36450	42.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.220%
35) Dibromofluoromethane	7.811	113	40879	43.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.980%
50) Toluene-d8	10.269	98	158513	44.975	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.960%
62) 4-Bromofluorobenzene	12.575	95	52295	44.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.000%

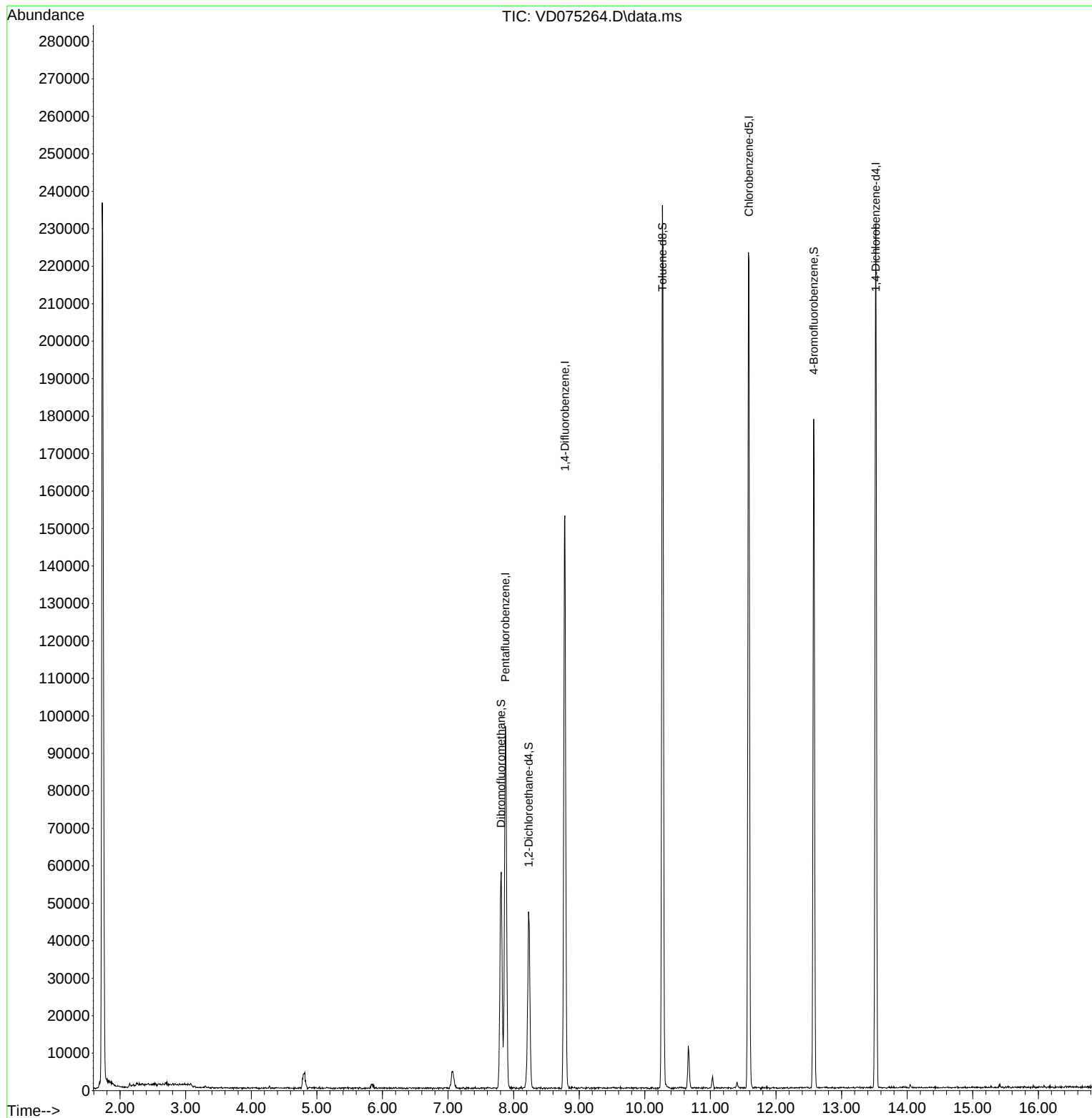
Target Compounds	Qvalue

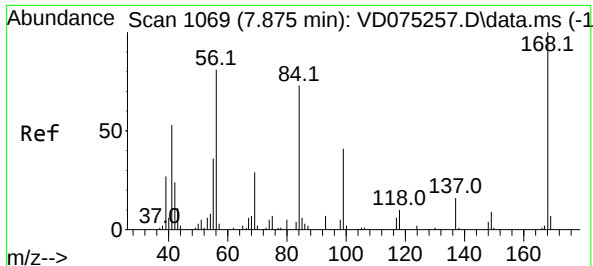
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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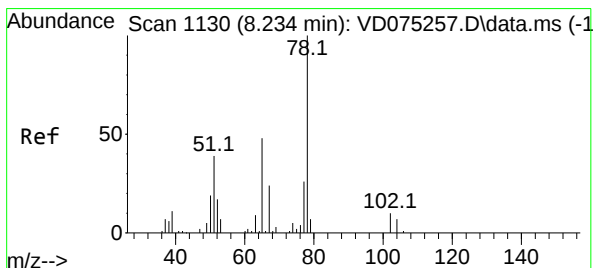
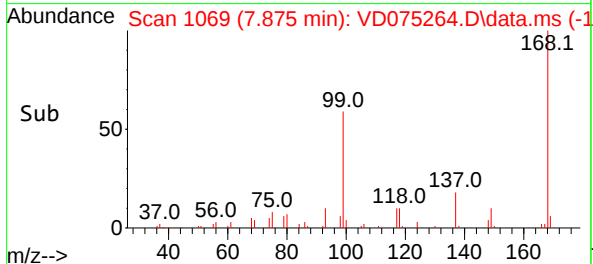
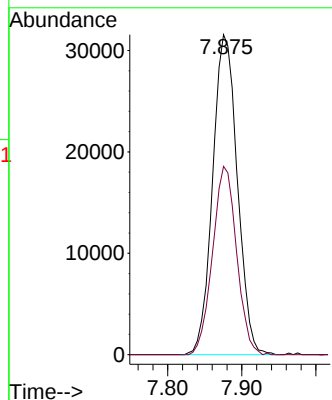
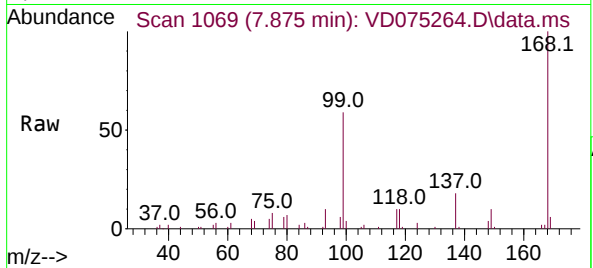




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

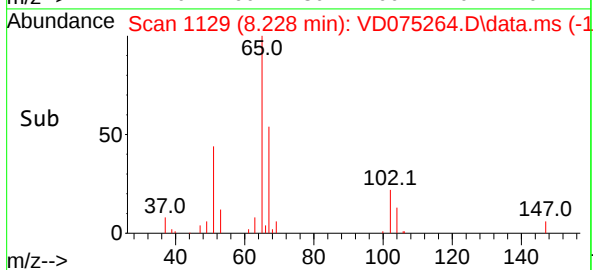
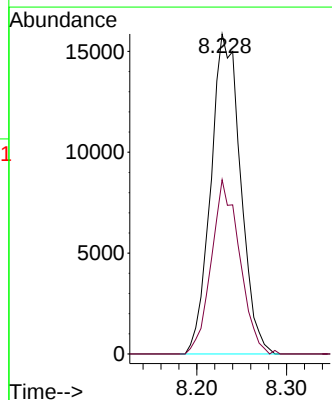
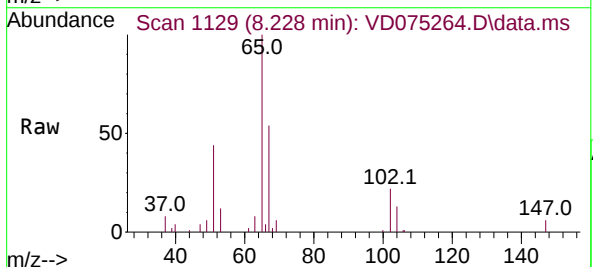
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

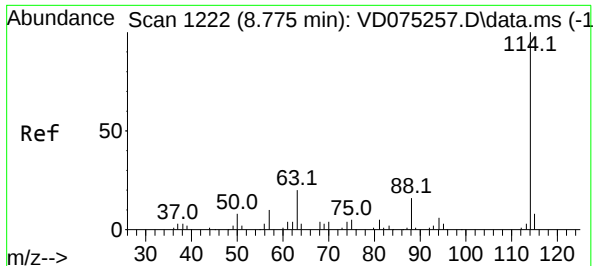
Tgt Ion:168 Resp: 72959
Ion Ratio Lower Upper
168 100
99 58.8 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 42.606 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Tgt Ion: 65 Resp: 36450
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075264.D

Acq: 08 Feb 2023 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0208SBL01

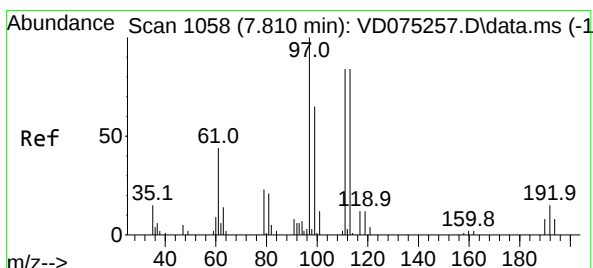
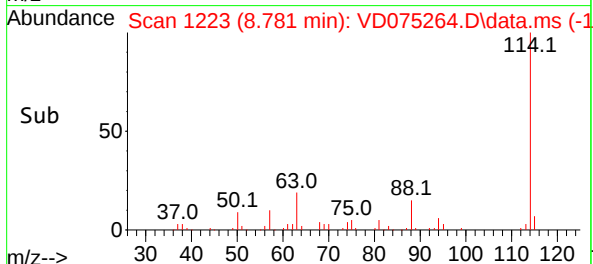
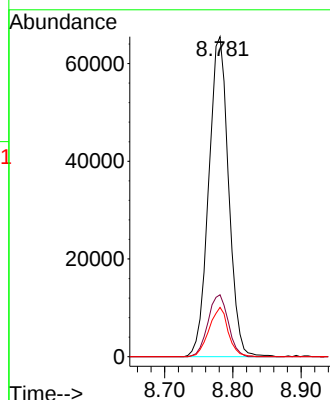
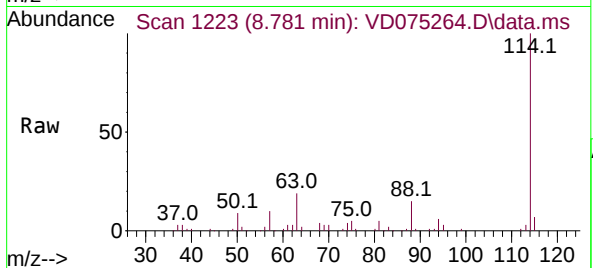
Tgt Ion:114 Resp: 132538

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 43.987 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VD075264.D

Acq: 08 Feb 2023 11:18

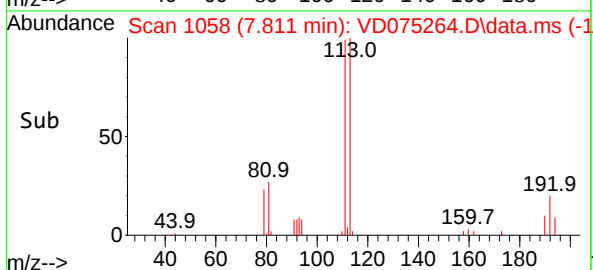
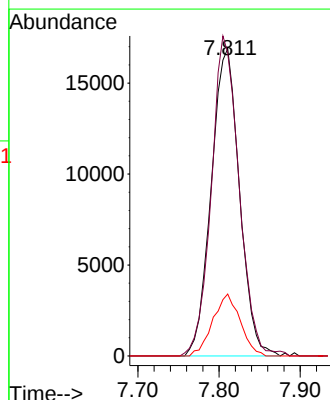
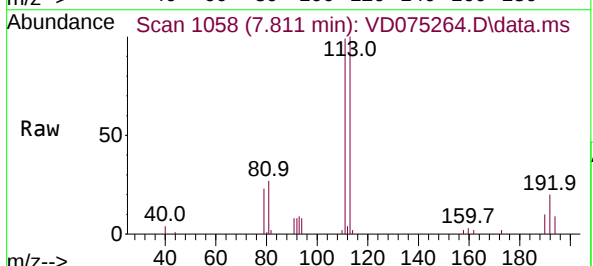
Tgt Ion:113 Resp: 40879

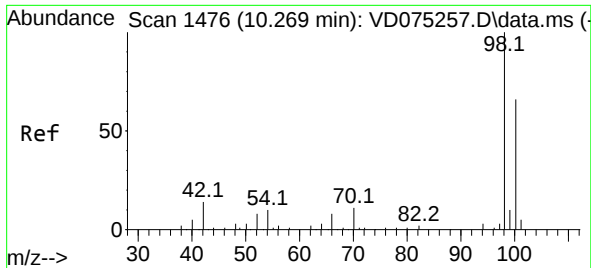
Ion Ratio Lower Upper

113 100

111 102.0 80.1 120.1

192 19.6 15.4 23.0

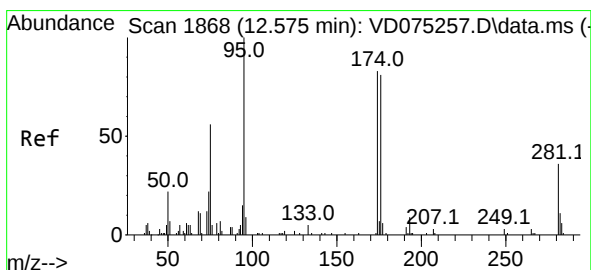
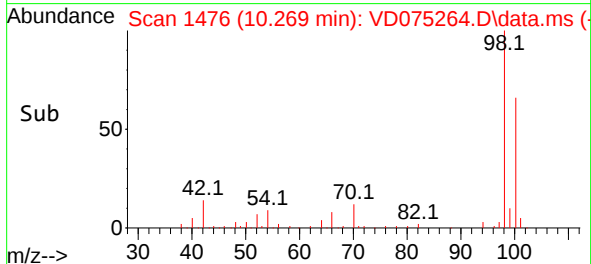
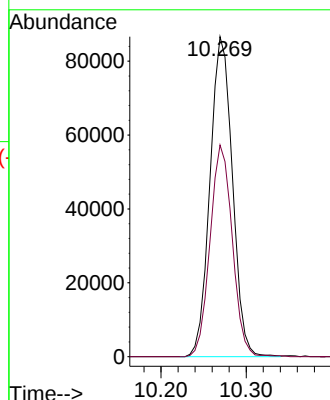
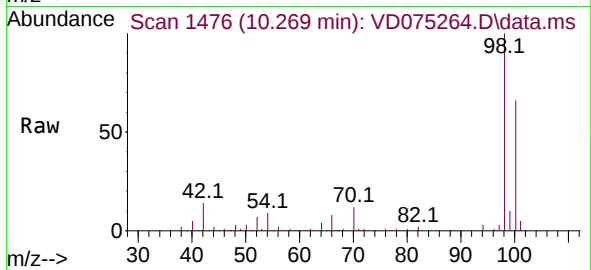




#50
Toluene-d8
Concen: 44.975 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

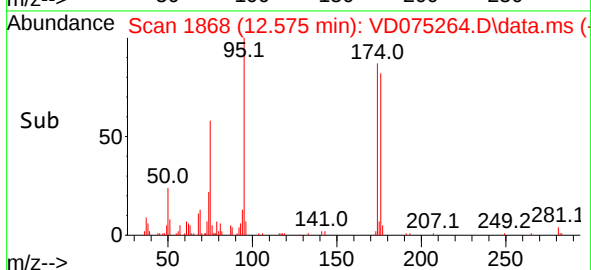
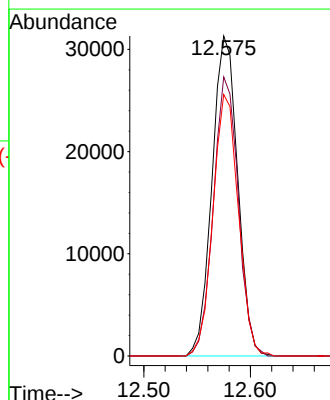
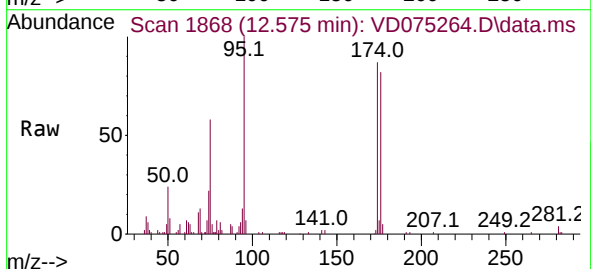
Instrument :
MSVOA_D
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VD0208SBL01

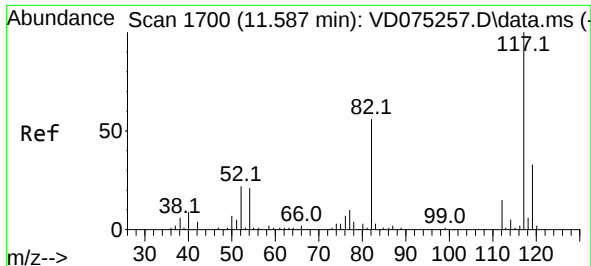
Tgt Ion: 98 Resp: 158513
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.999 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Tgt Ion: 95 Resp: 52295
Ion Ratio Lower Upper
95 100
174 84.4 0.0 161.2
176 81.1 0.0 160.2

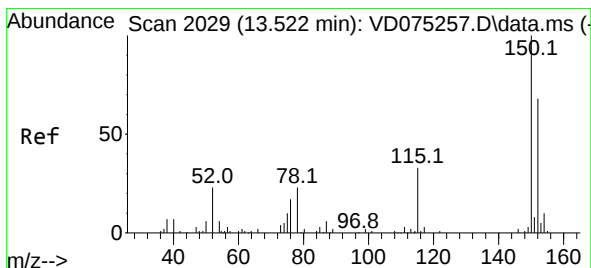
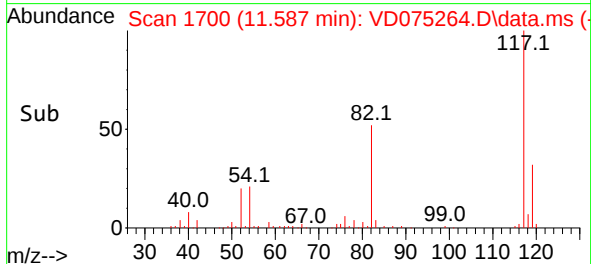
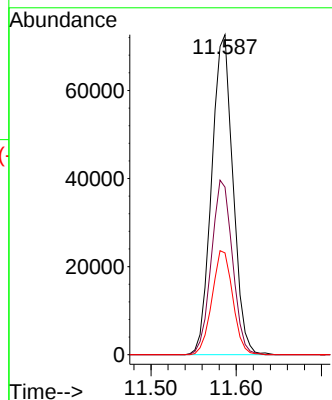
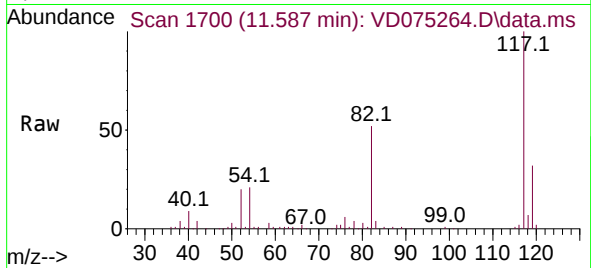




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

Tgt Ion:117 Resp: 125958
Ion Ratio Lower Upper
117 100
82 52.3 39.6 59.4
119 31.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Tgt Ion:152 Resp: 58450
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.4
150 159.7 0.0 348.6

