

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075616.D
 Acq On : 10 Apr 2023 19:51
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Apr 12 09:57:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 09:55:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	165716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	406139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	437106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	204639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	89477	65.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.640%
35) Dibromofluoromethane	7.810	113	138159	58.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.080%
50) Toluene-d8	10.269	98	484114	51.854	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.700%
62) 4-Bromofluorobenzene	12.575	95	173799	63.278	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.560%

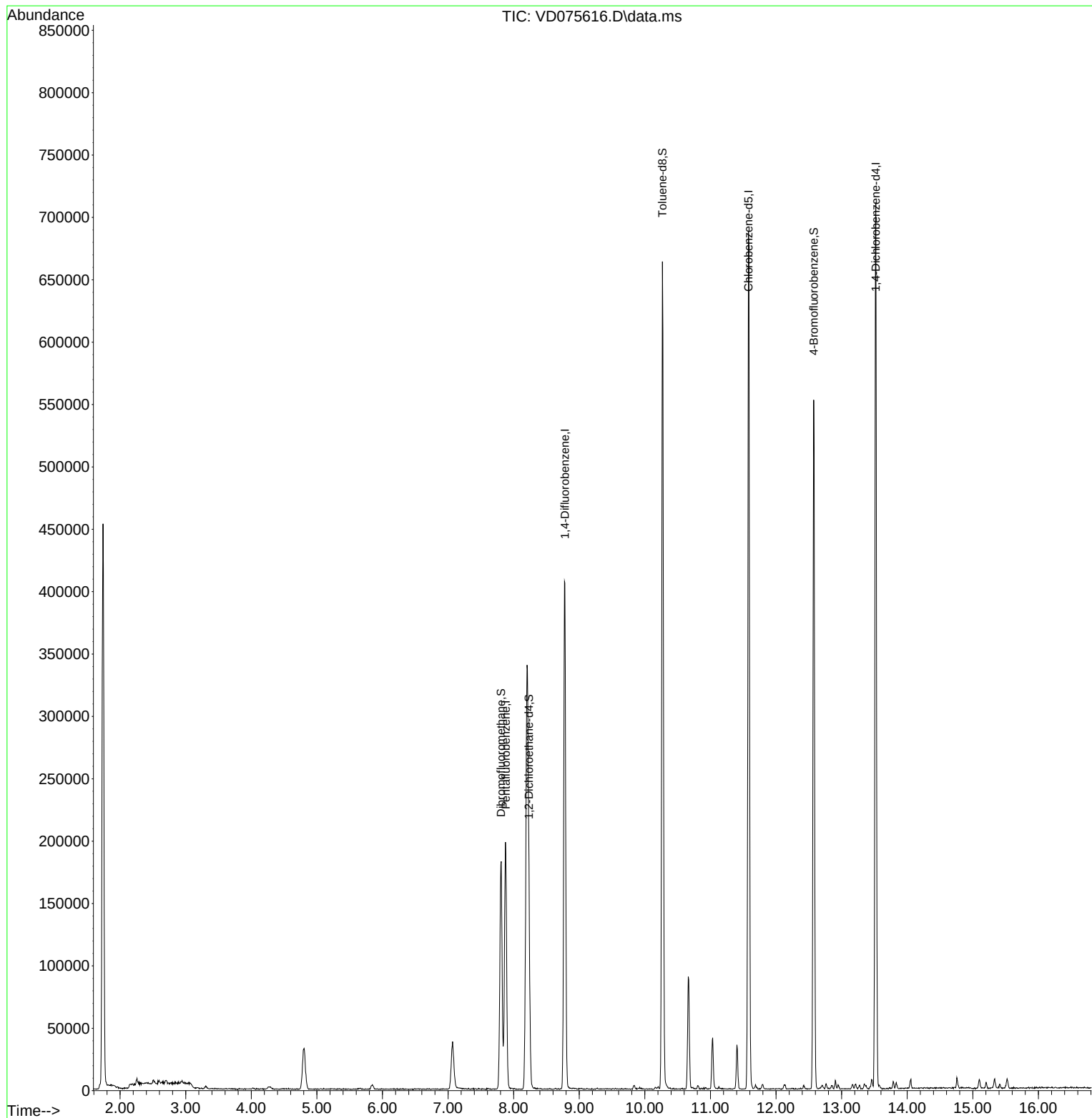
Target Compounds	Qvalue

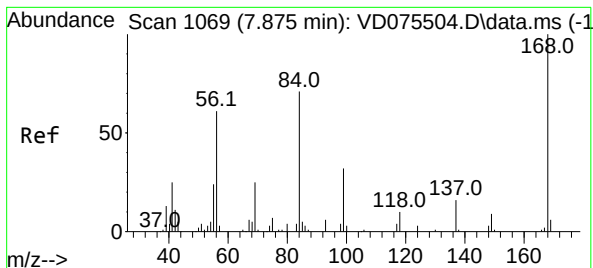
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 110

Delta R.T. 0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

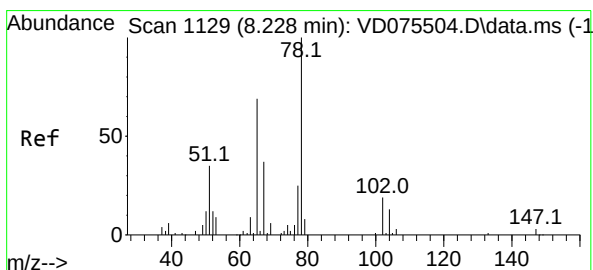
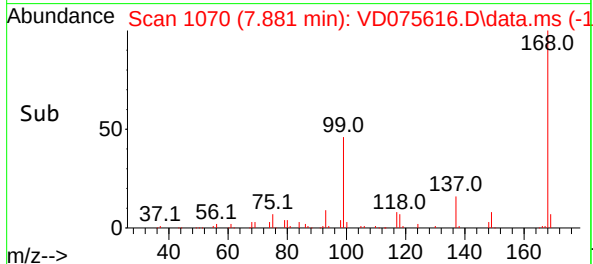
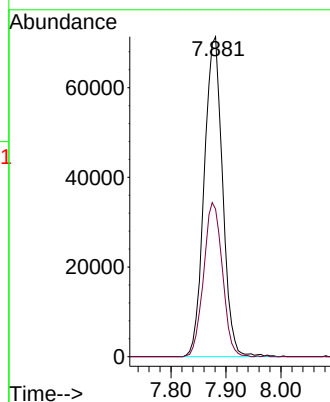
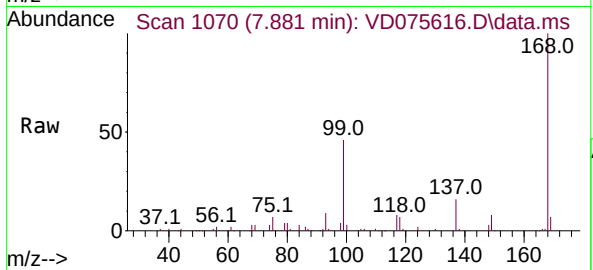
VIBLK

Tgt Ion:168 Resp: 165716

Ion Ratio Lower Upper

168 100

99 46.1 43.8 65.6



#33

1,2-Dichloroethane-d4

Concen: 65.818 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075616.D

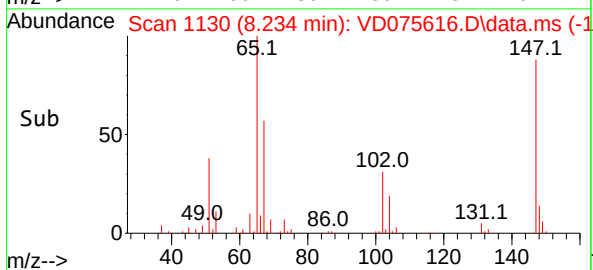
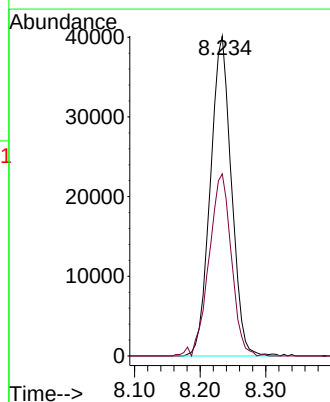
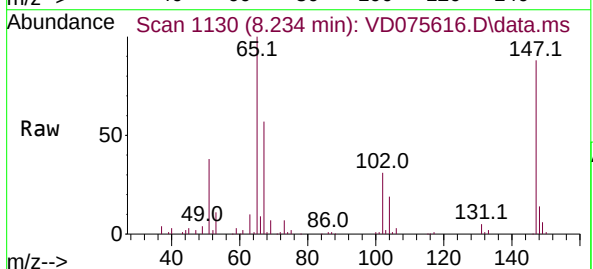
Acq: 10 Apr 2023 19:51

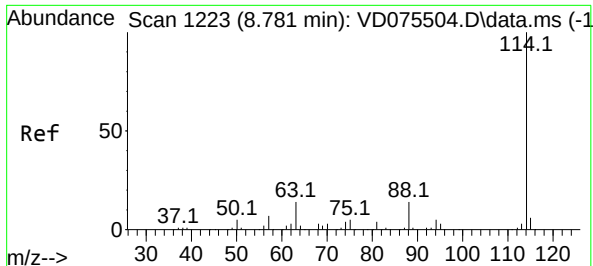
Tgt Ion: 65 Resp: 89477

Ion Ratio Lower Upper

65 100

67 60.4 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075616.D

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Instrument :

MSVOA_D

ClientSampleId :

VIBLK

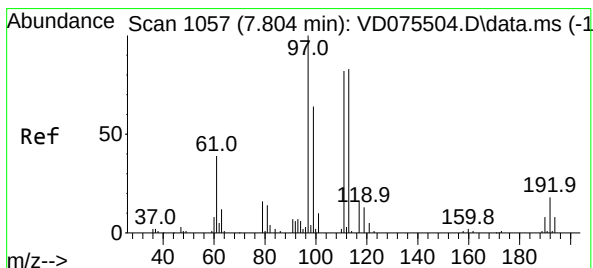
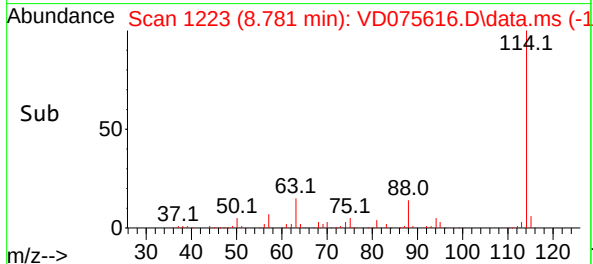
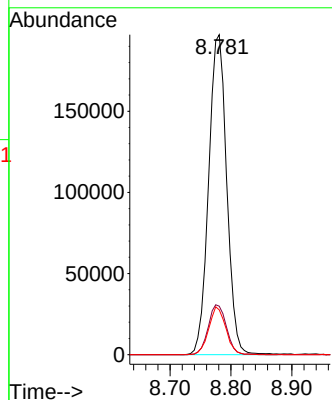
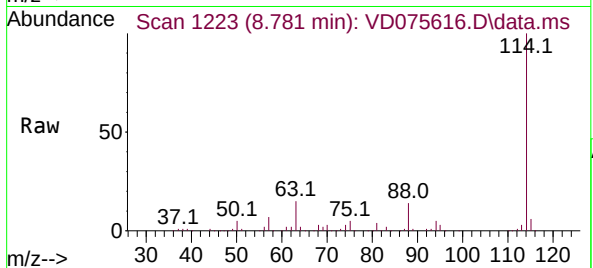
Tgt Ion:114 Resp: 406139

Ion Ratio Lower Upper

114 100

63 15.2 0.0 41.6

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.045 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075616.D

Acq: 10 Apr 2023 19:51

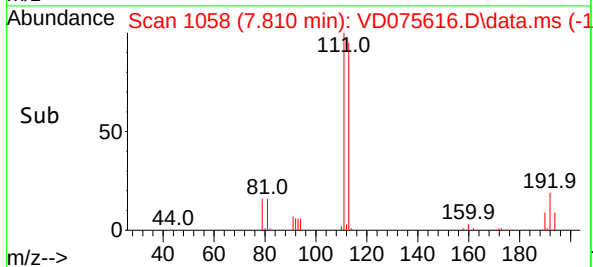
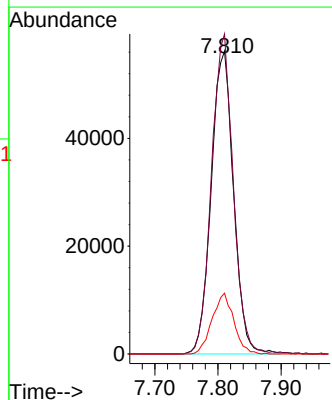
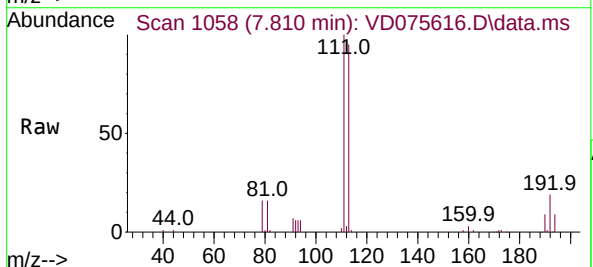
Tgt Ion:113 Resp: 138159

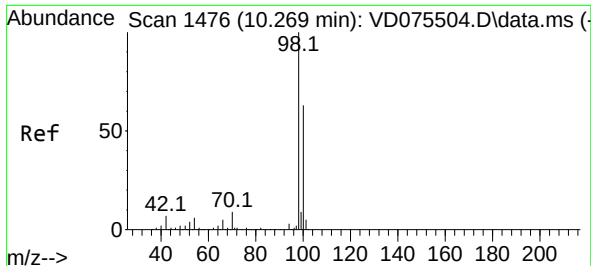
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 19.5 15.2 22.8

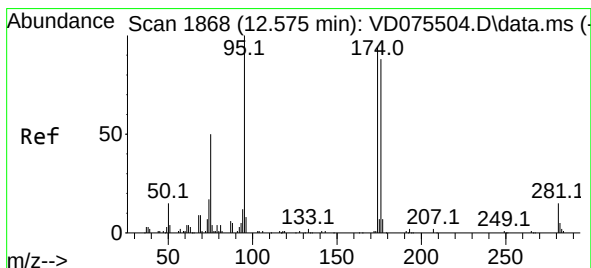
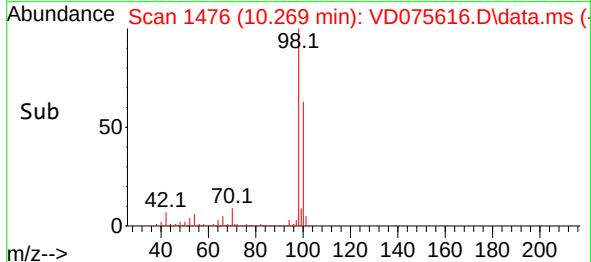
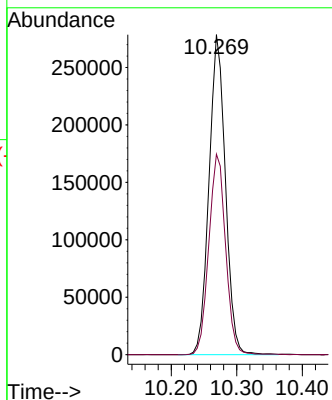
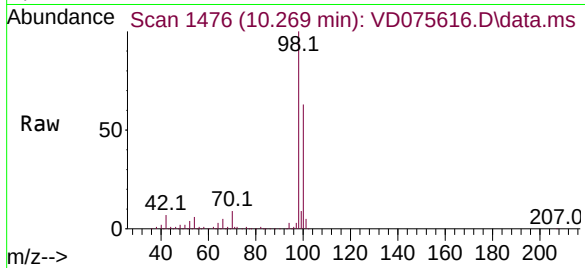




#50
Toluene-d8
Concen: 51.854 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075616.D
Acq: 10 Apr 2023 19:51

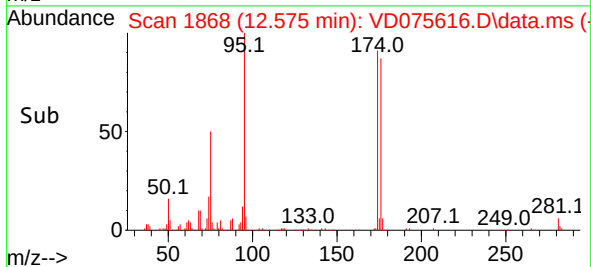
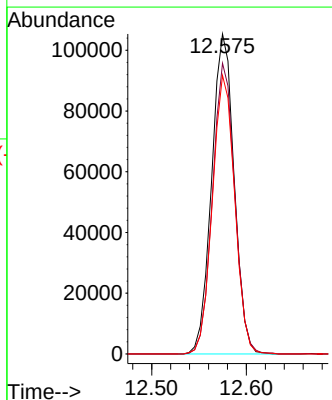
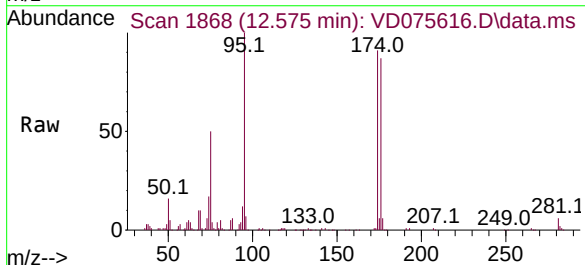
Instrument :
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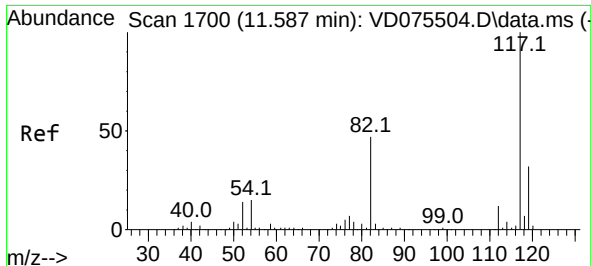
Tgt Ion: 98 Resp: 484114
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 63.278 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075616.D
Acq: 10 Apr 2023 19:51

Tgt Ion: 95 Resp: 173799
Ion Ratio Lower Upper
95 100
174 89.6 0.0 164.0
176 86.5 0.0 156.8

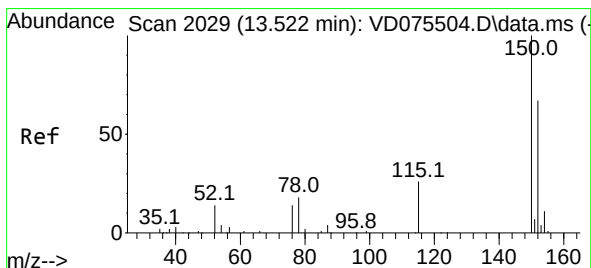
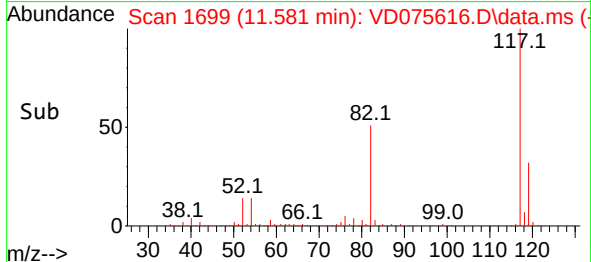
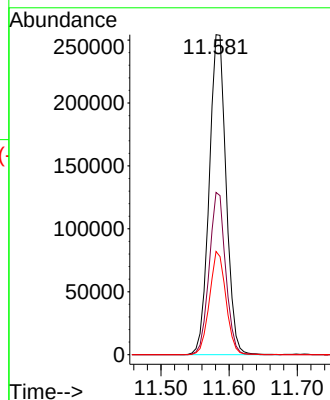
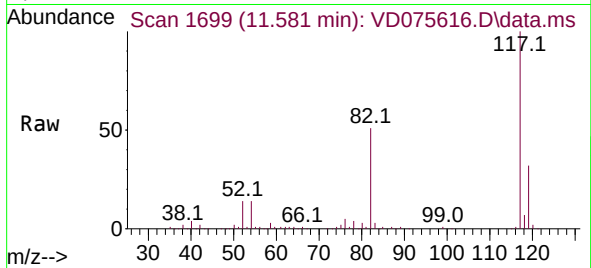




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075616.D
Acq: 10 Apr 2023 19:51

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 437106
Ion Ratio Lower Upper
117 100
82 50.7 44.0 66.0
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075616.D
Acq: 10 Apr 2023 19:51

Tgt Ion:152 Resp: 204639
Ion Ratio Lower Upper
152 100
115 55.4 30.1 90.3
150 155.7 0.0 364.8

