

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078243.D
 Acq On : 25 Jan 2024 13:40
 Operator : RP/MD
 Sample : P1247-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-012424

Quant Time: Jan 26 14:39:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	31445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	63104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	72604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	32380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	23881	66.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.060%
35) Dibromofluoromethane	7.805	113	23404	56.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.700%
50) Toluene-d8	10.269	98	82489	50.161	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.575	95	27320	57.287	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.580%

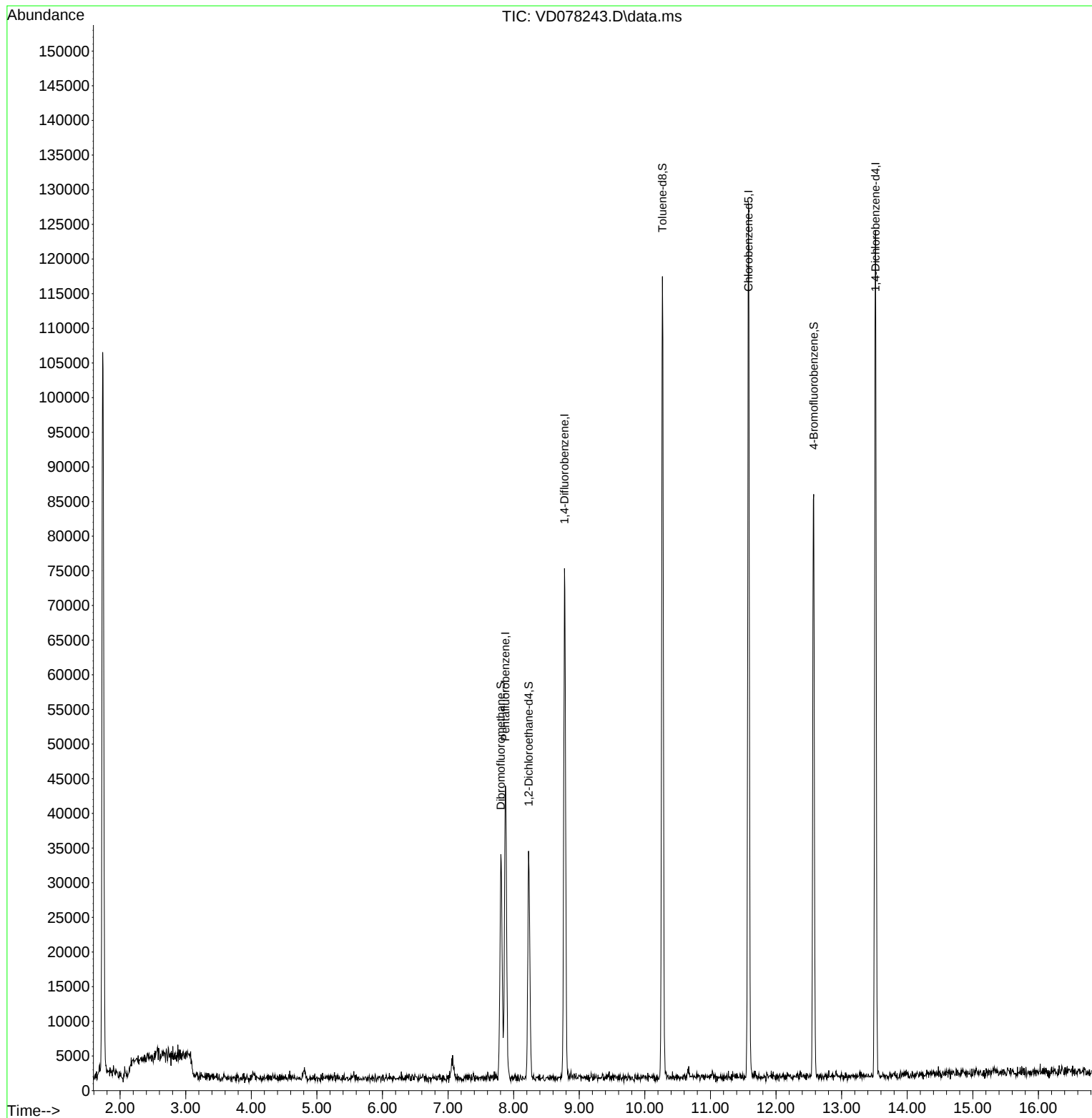
Target Compounds	Qvalue

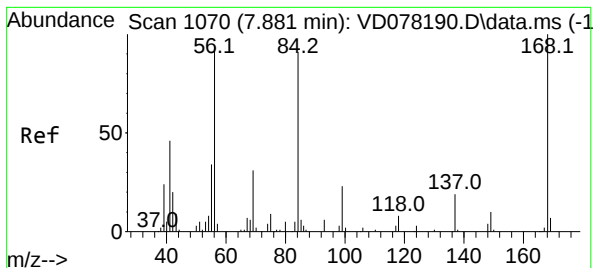
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. -0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

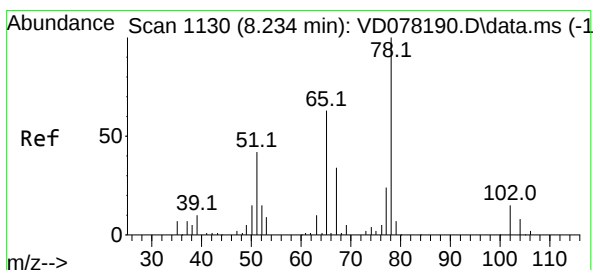
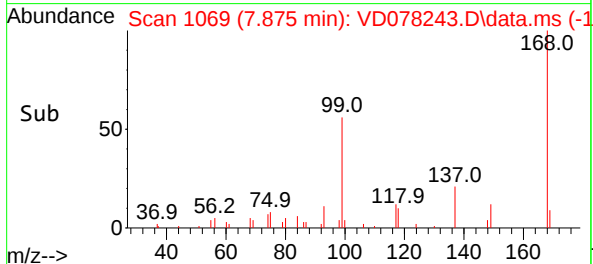
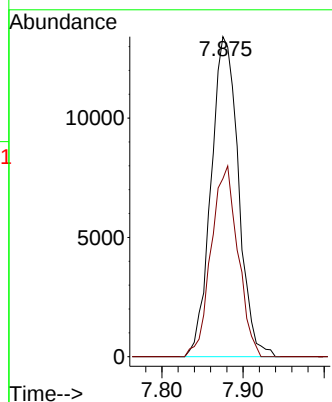
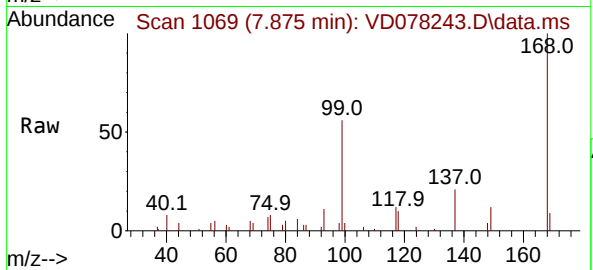
CL-02-012424

Tgt Ion:168 Resp: 31445

Ion Ratio Lower Upper

168 100

99 55.7 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 66.525 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078243.D

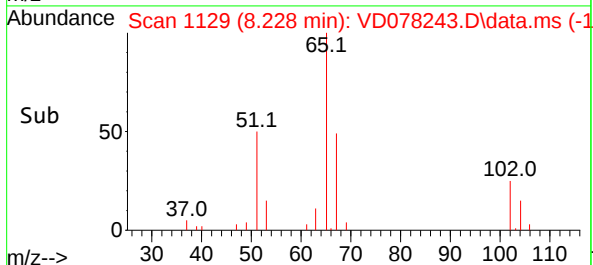
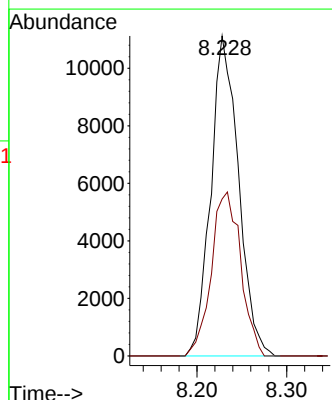
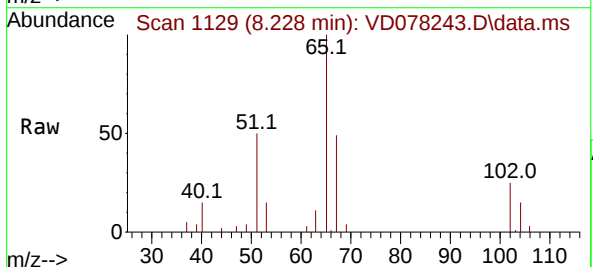
Acq: 25 Jan 2024 13:40

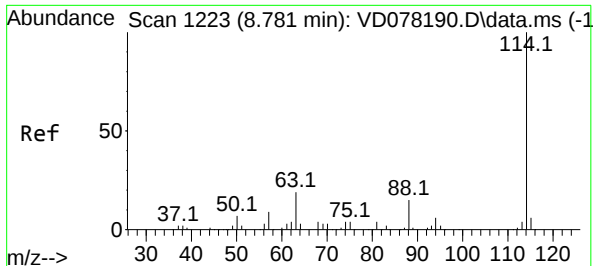
Tgt Ion: 65 Resp: 23881

Ion Ratio Lower Upper

65 100

67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078243.D

Acq: 25 Jan 2024 13:40

Instrument :

MSVOA_D

ClientSampleId :

CL-02-012424

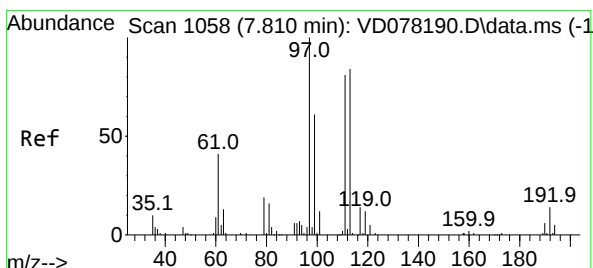
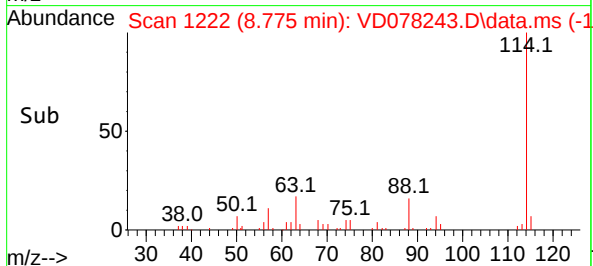
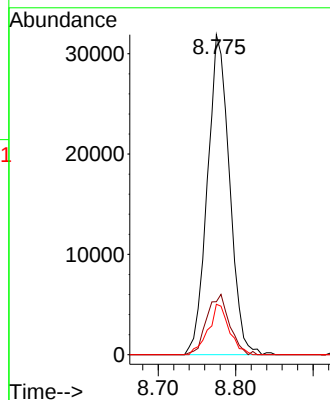
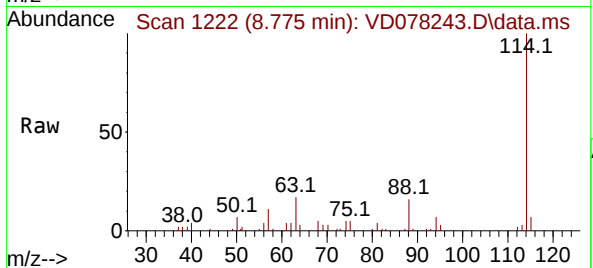
Tgt Ion:114 Resp: 63104

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 15.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.353 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078243.D

Acq: 25 Jan 2024 13:40

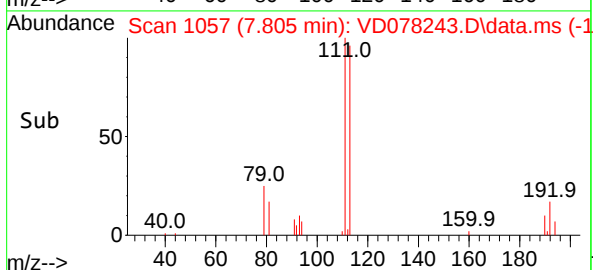
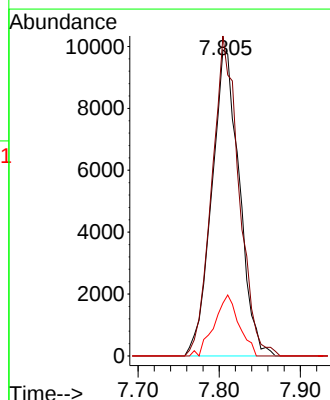
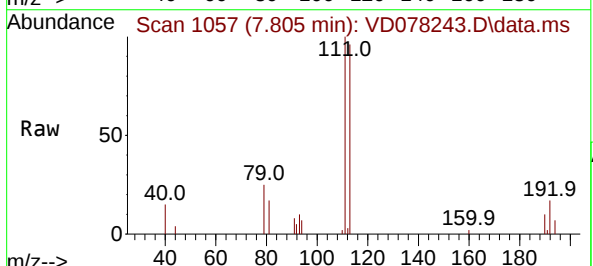
Tgt Ion:113 Resp: 23404

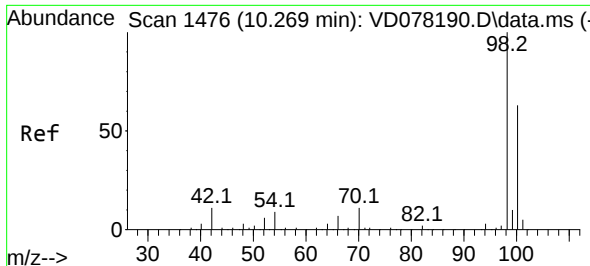
Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 17.8 16.8 25.2

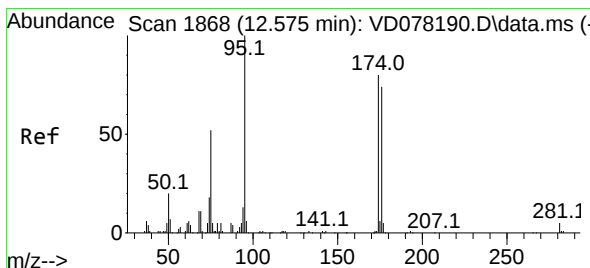
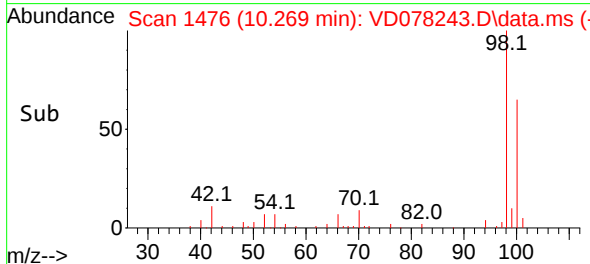
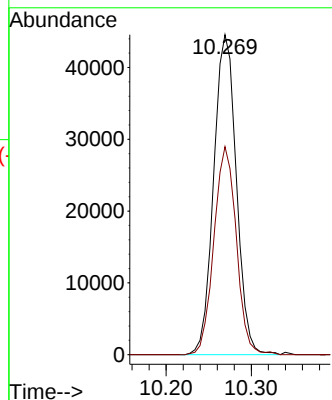
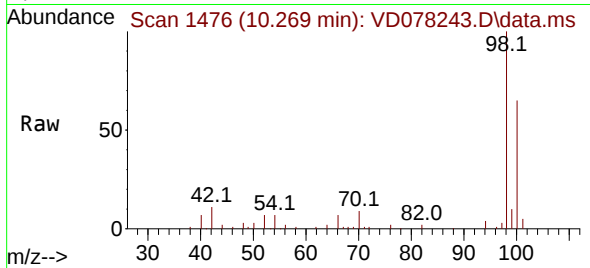




#50
Toluene-d8
Concen: 50.161 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078243.D
Acq: 25 Jan 2024 13:40

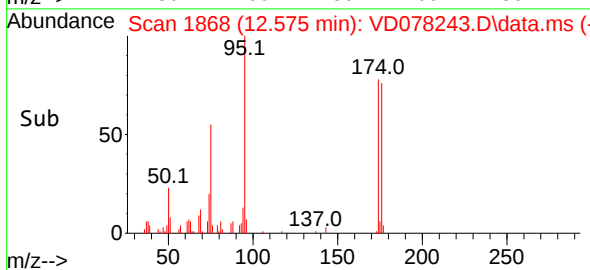
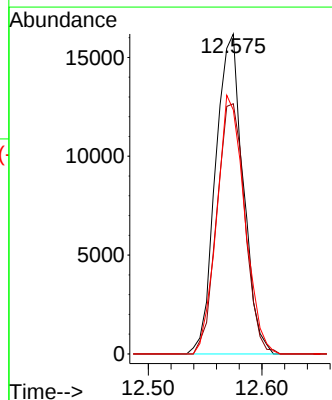
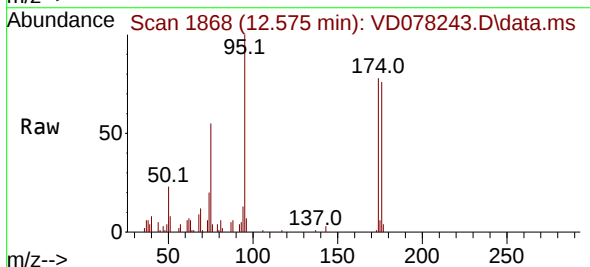
Instrument :
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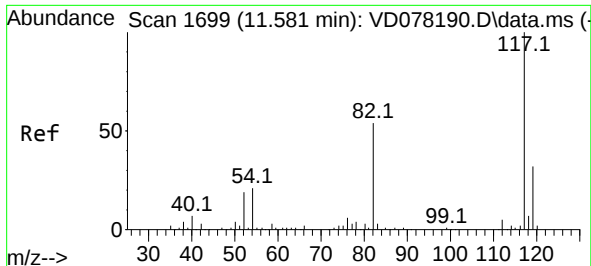
Tgt Ion: 98 Resp: 82489
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 57.287 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078243.D
Acq: 25 Jan 2024 13:40

Tgt Ion: 95 Resp: 27320
Ion Ratio Lower Upper
95 100
174 79.7 0.0 201.8
176 81.5 0.0 191.8

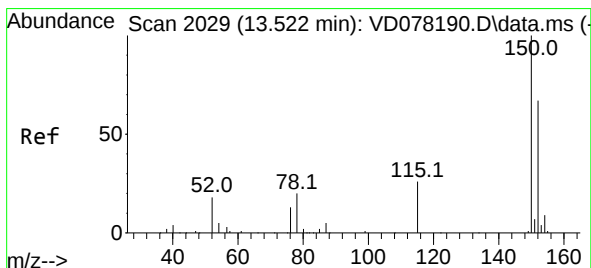
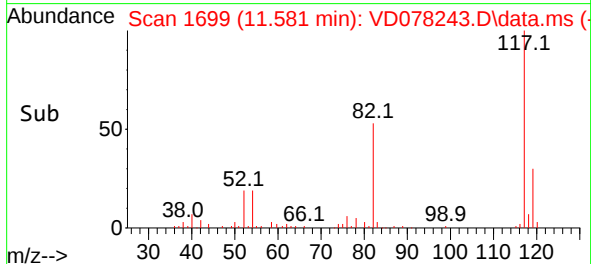
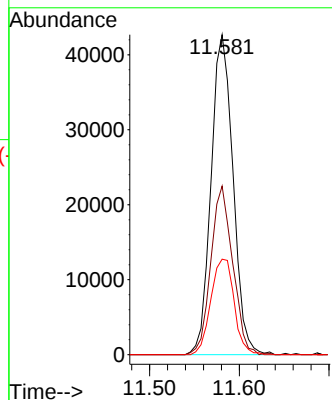
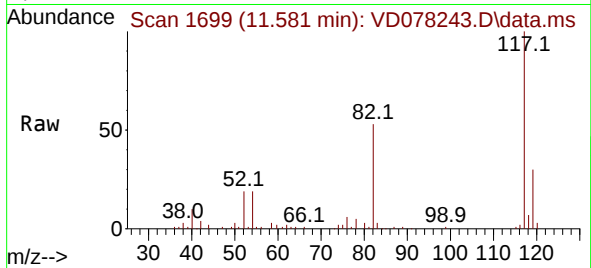




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078243.D
Acq: 25 Jan 2024 13:40

Instrument :
MSVOA_D
ClientSampleId :
CL-02-012424

Tgt Ion:117 Resp: 72604
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 29.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078243.D
Acq: 25 Jan 2024 13:40

Tgt Ion:152 Resp: 32380
Ion Ratio Lower Upper
152 100
115 56.0 27.1 81.3
150 156.5 0.0 353.6

