

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078116.D
 Acq On : 02 Jan 2024 10:46
 Operator : RP/MD
 Sample : VD0102SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0102SBL01

Quant Time: Jan 03 00:03:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	249239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	413316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	402844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	194418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	97315	43.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.760%
35) Dibromofluoromethane	7.811	113	123773	46.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.080%
50) Toluene-d8	10.269	98	507646	54.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.500%
62) 4-Bromofluorobenzene	12.575	95	154026	51.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.320%

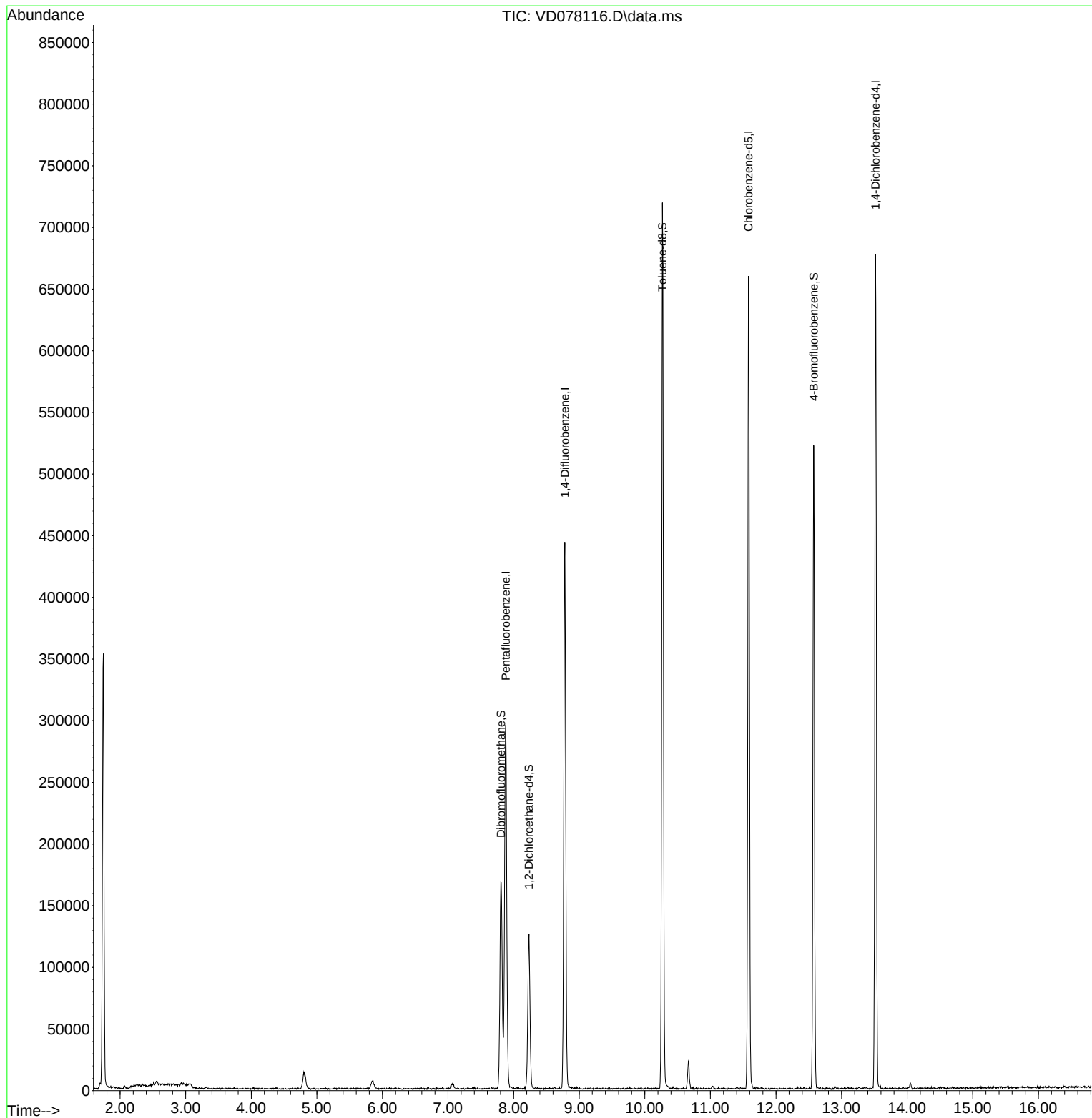
Target Compounds	Qvalue

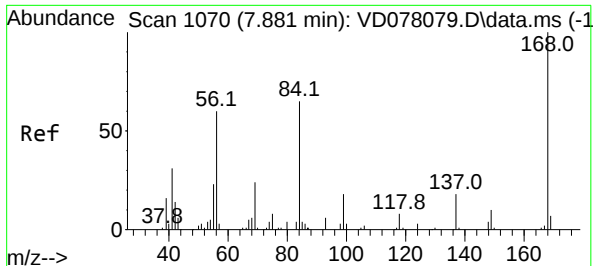
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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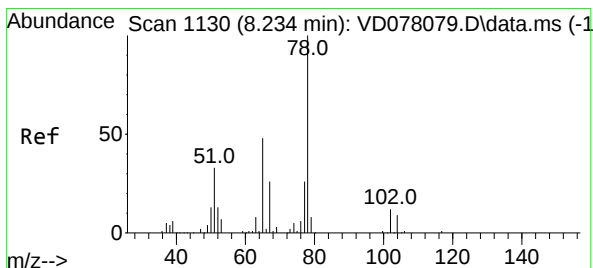
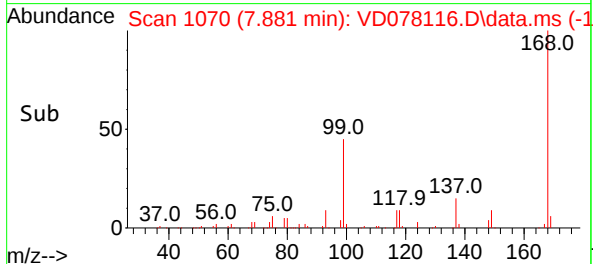
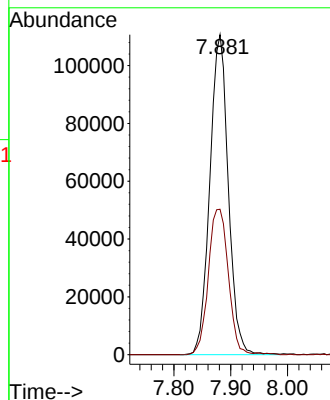
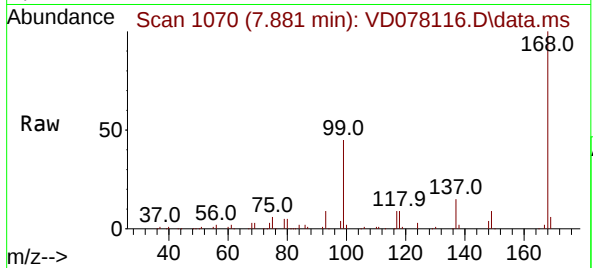




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

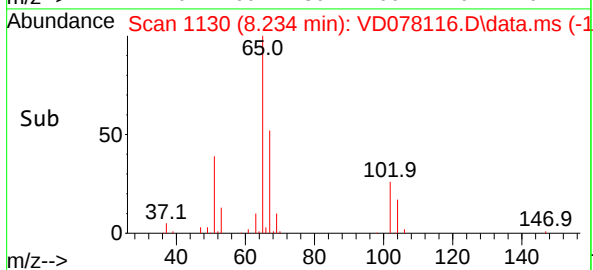
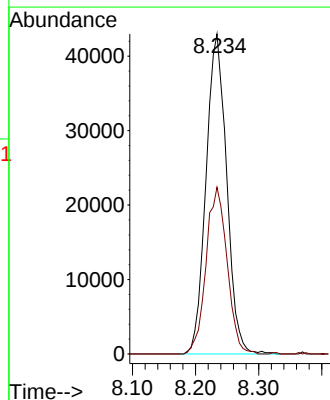
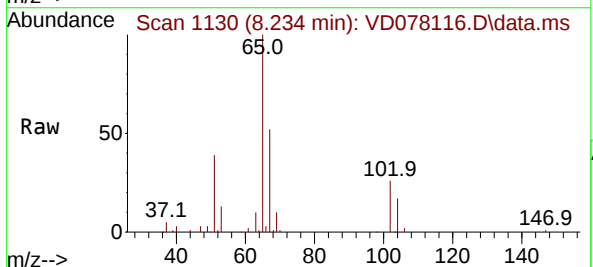
Instrument :
MSVOA_D
ClientSampleId :
VD0102SBL01

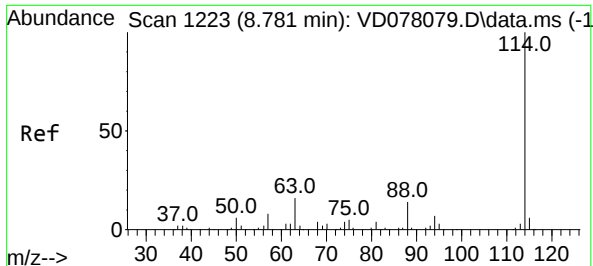
Tgt Ion:168 Resp: 249239
Ion Ratio Lower Upper
168 100
99 45.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 43.882 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

Tgt Ion: 65 Resp: 97315
Ion Ratio Lower Upper
65 100
67 53.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078116.D

Acq: 02 Jan 2024 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0102SBL01

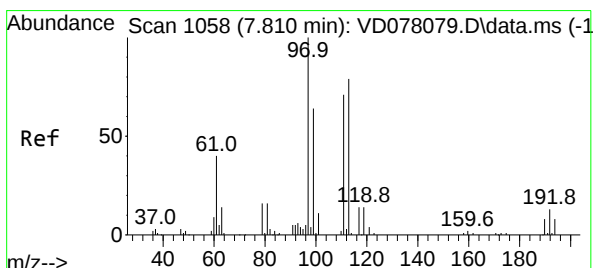
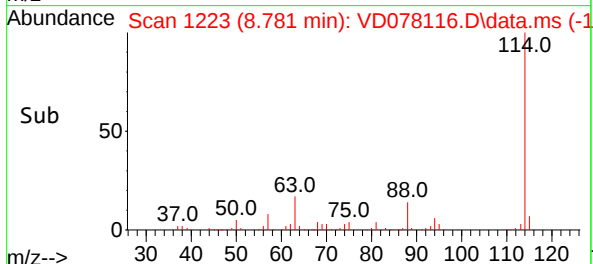
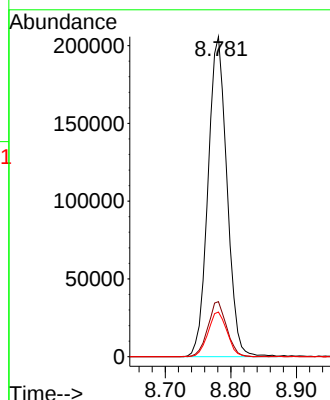
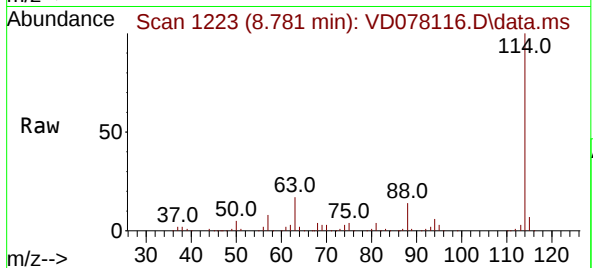
Tgt Ion:114 Resp: 413316

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.542 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078116.D

Acq: 02 Jan 2024 10:46

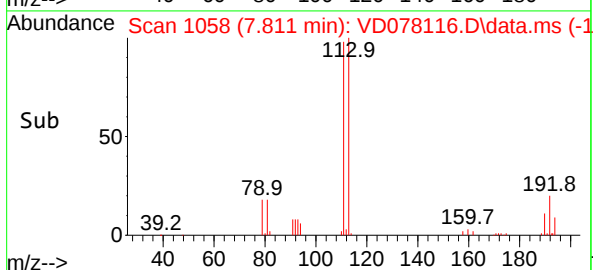
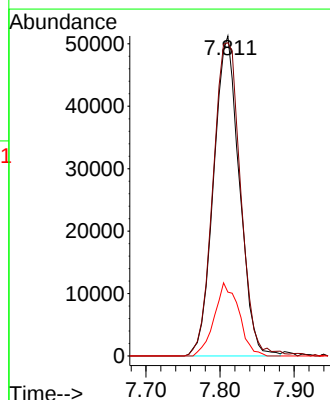
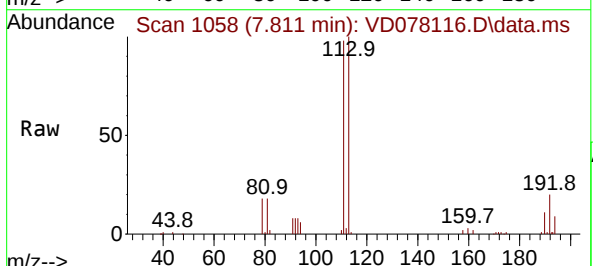
Tgt Ion:113 Resp: 123773

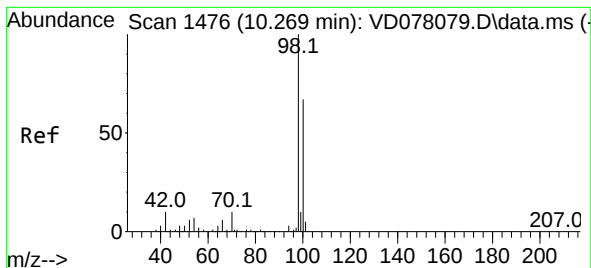
Ion Ratio Lower Upper

113 100

111 104.6 84.7 127.1

192 21.9 16.8 25.2

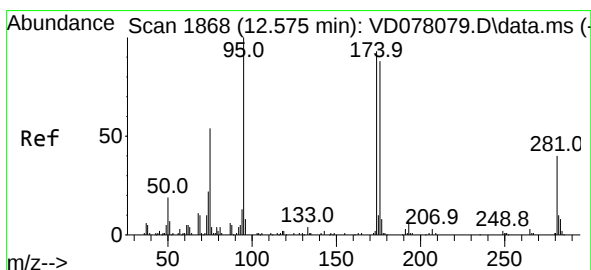
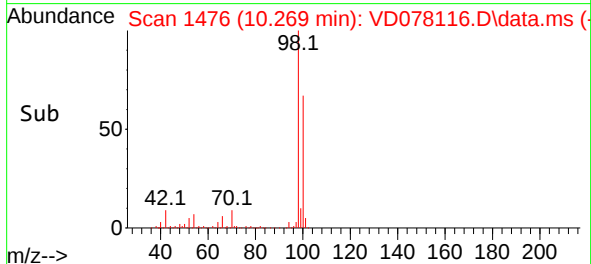
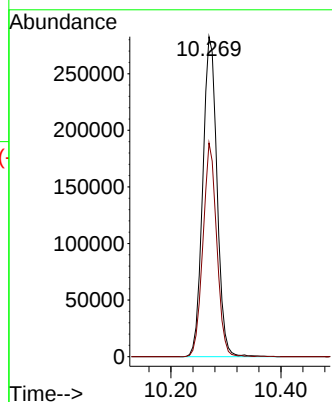
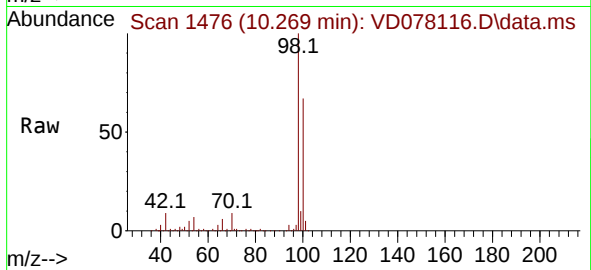




#50
Toluene-d8
Concen: 54.249 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

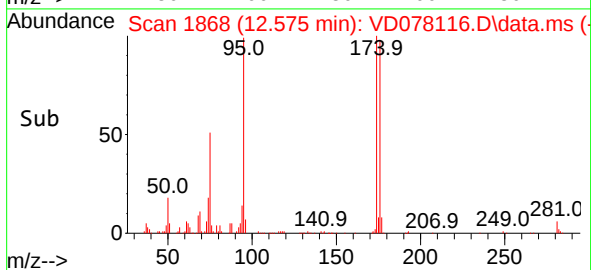
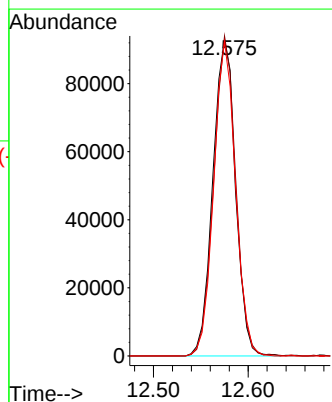
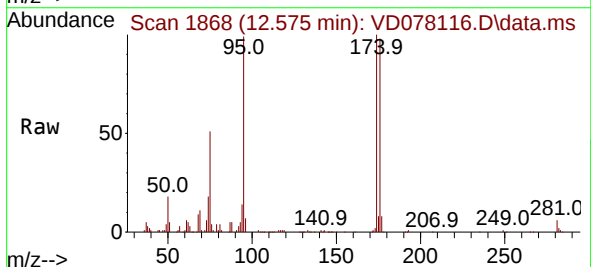
Instrument :
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VD0102SBL01

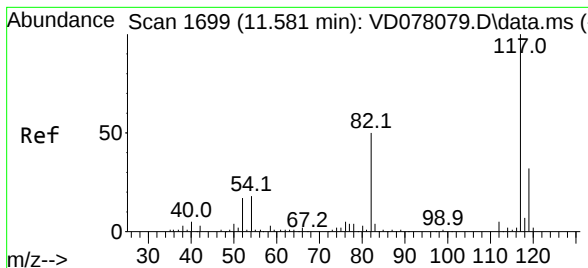
Tgt Ion: 98 Resp: 507646
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.156 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

Tgt Ion: 95 Resp: 154026
Ion Ratio Lower Upper
95 100
174 98.5 0.0 201.8
176 95.9 0.0 191.8

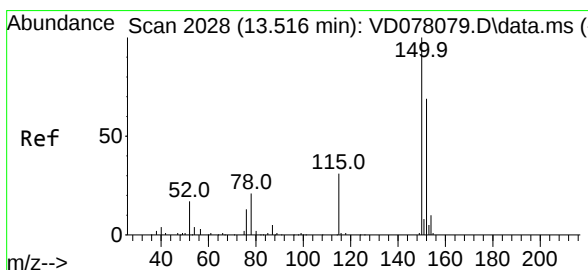
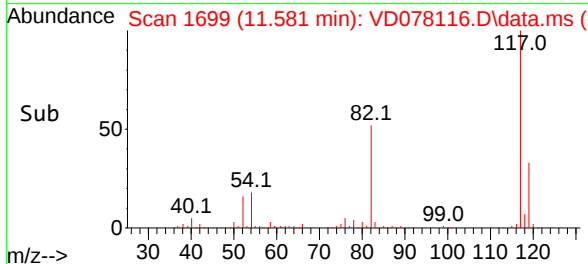
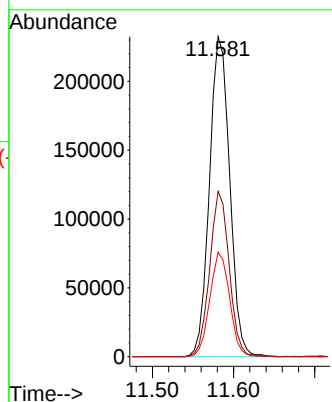
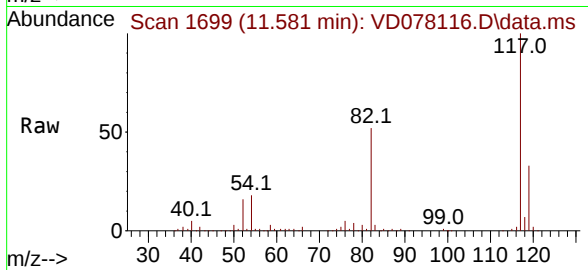




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0102SBL01

Tgt Ion:117 Resp: 402844
Ion Ratio Lower Upper
117 100
82 51.6 38.3 57.5
119 32.6 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: VD078116.D
Acq: 02 Jan 2024 10:46

Tgt Ion:152 Resp: 194418
Ion Ratio Lower Upper
152 100
115 53.6 27.1 81.3
150 155.7 0.0 353.6

