

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078493.D
 Acq On : 21 Feb 2024 11:27
 Operator : RP/MD
 Sample : VD0221SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBL01

Quant Time: Feb 22 00:01:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	128898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	254347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151003	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56408	40.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.940%
35) Dibromofluoromethane	7.810	113	77561	48.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.020%
50) Toluene-d8	10.269	98	334116	51.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.575	95	123936	65.896	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	131.800%

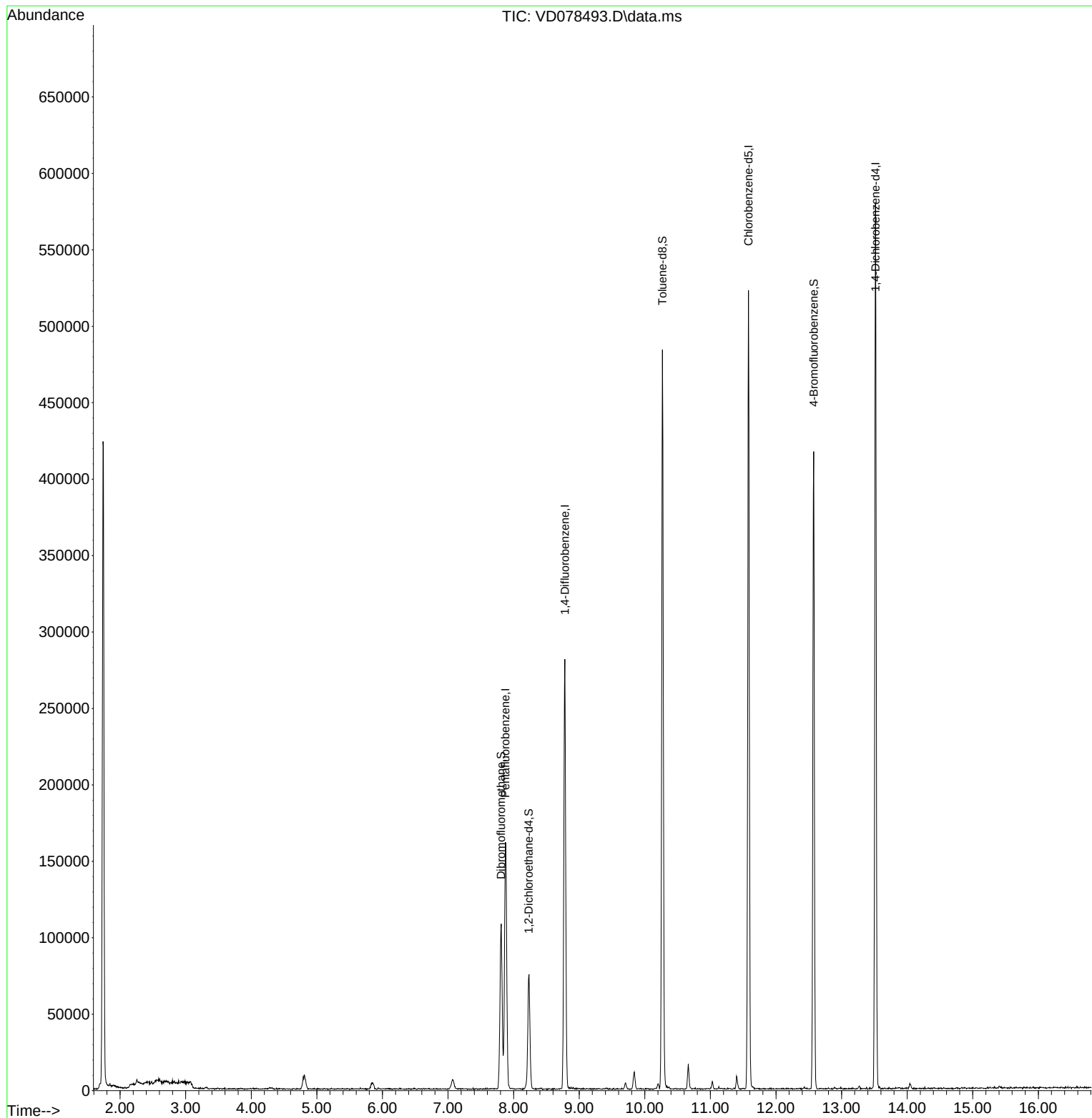
Target Compounds	Qvalue

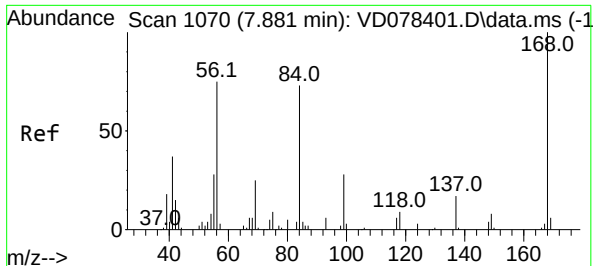
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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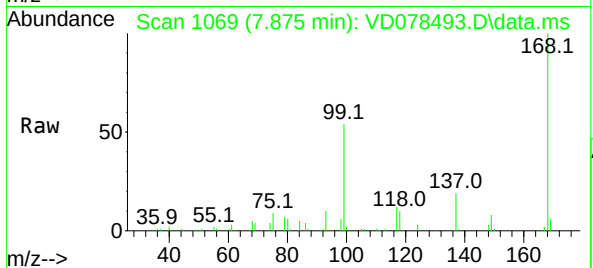
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
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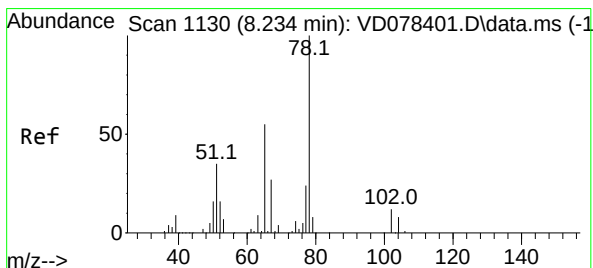
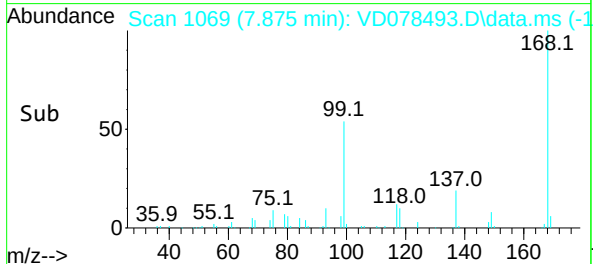
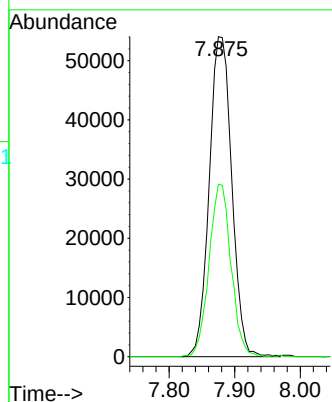


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

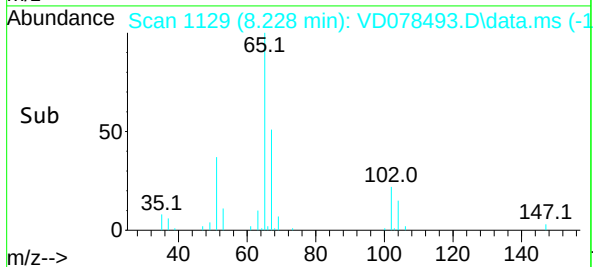
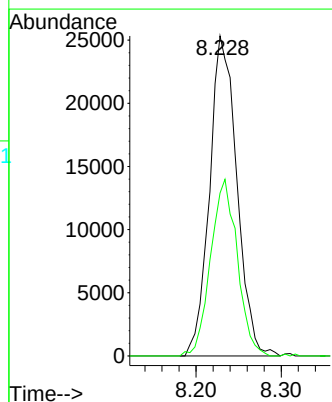
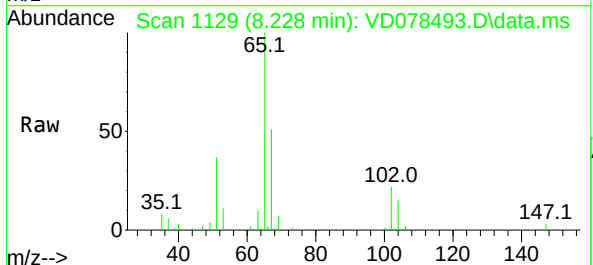


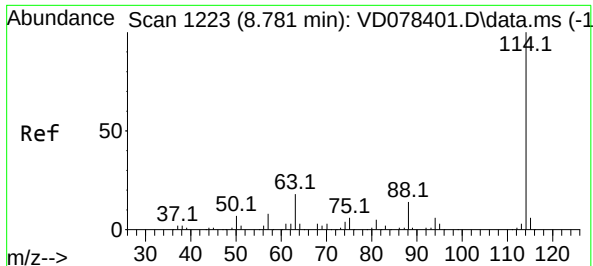
Tgt Ion:168 Resp: 128898
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 40.473 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

Tgt Ion: 65 Resp: 56408
Ion Ratio Lower Upper
65 100
67 54.0 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: VD078493.D

Acq: 21 Feb 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBL01

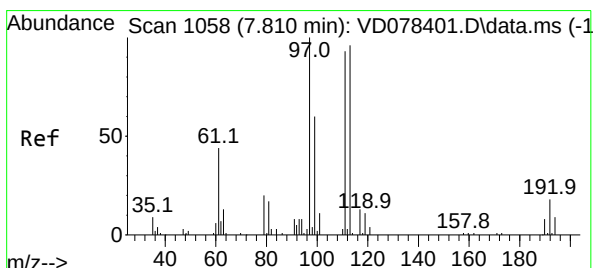
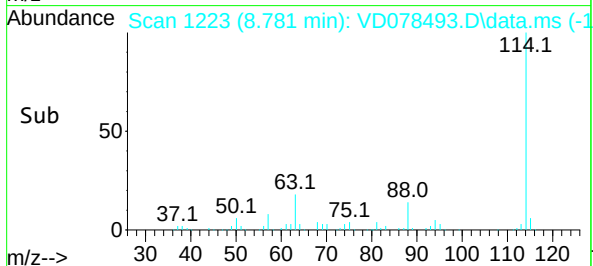
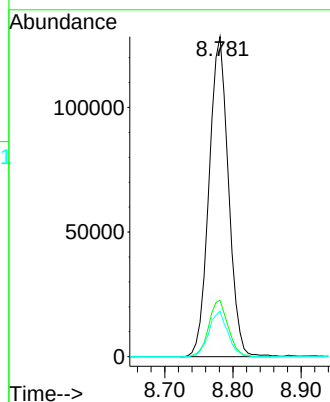
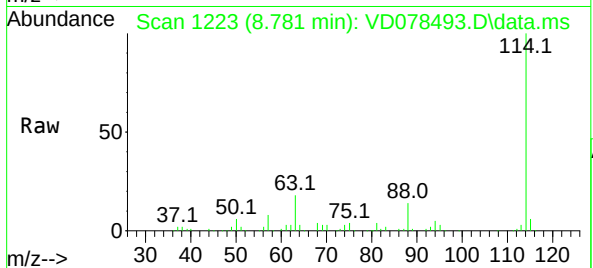
Tgt Ion:114 Resp: 254347

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.006 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078493.D

Acq: 21 Feb 2024 11:27

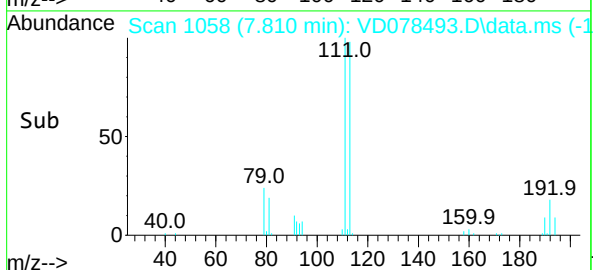
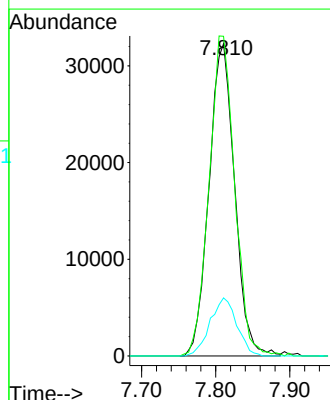
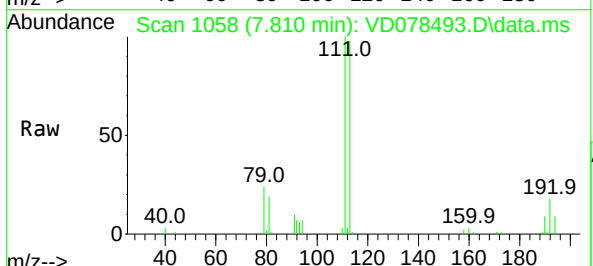
Tgt Ion:113 Resp: 77561

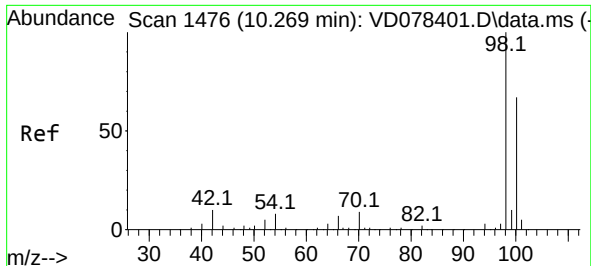
Ion Ratio Lower Upper

113 100

111 102.5 84.7 127.1

192 19.4 16.8 25.2

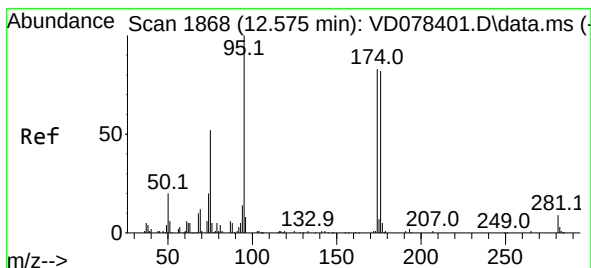
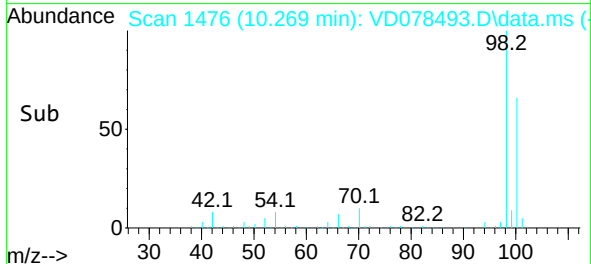
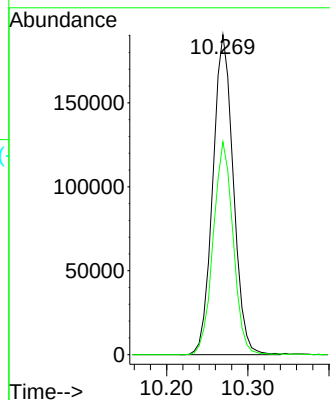
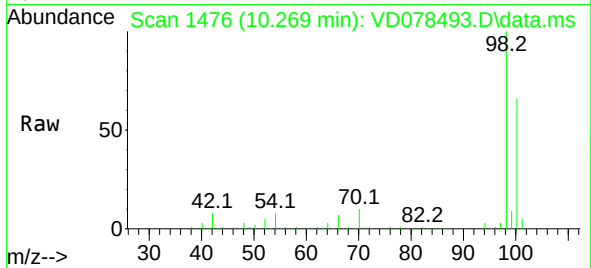




#50
Toluene-d8
Concen: 51.696 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

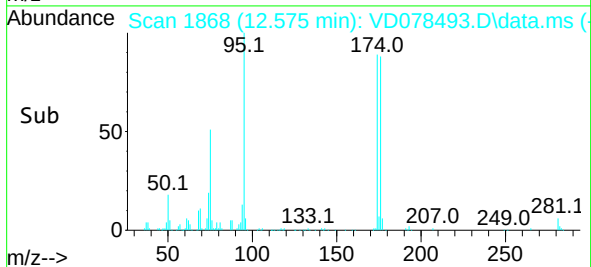
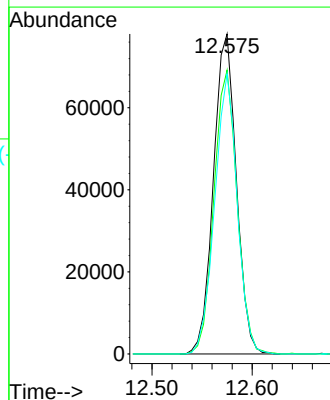
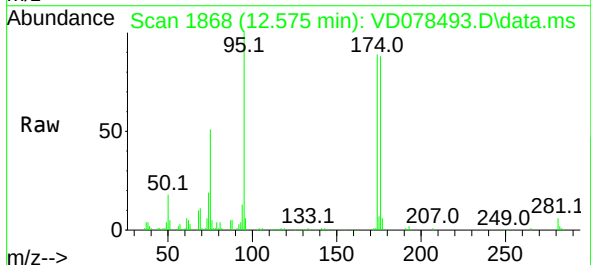
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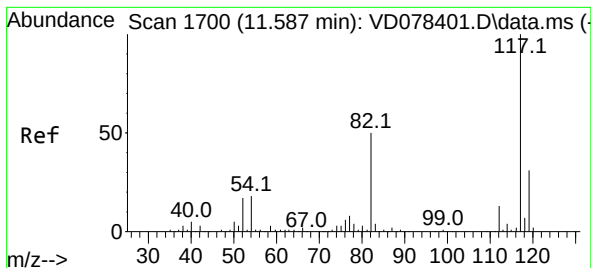
Tgt Ion: 98 Resp: 334116
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 65.896 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

Tgt Ion: 95 Resp: 123936
Ion Ratio Lower Upper
95 100
174 89.3 0.0 201.8
176 86.0 0.0 191.8

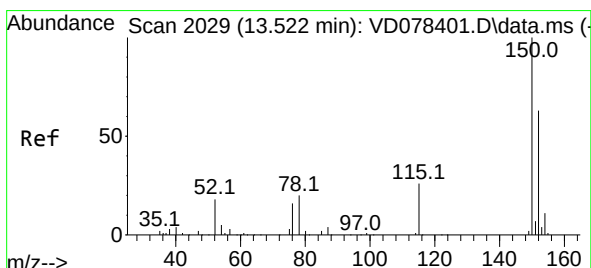
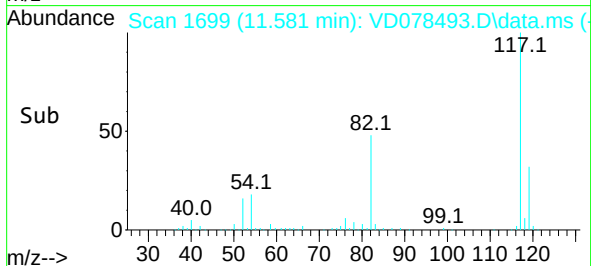
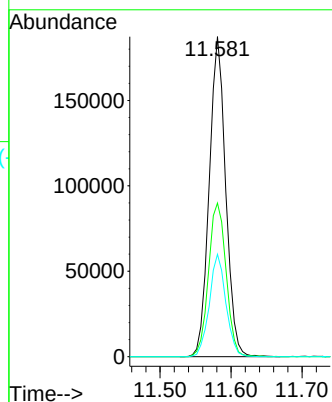
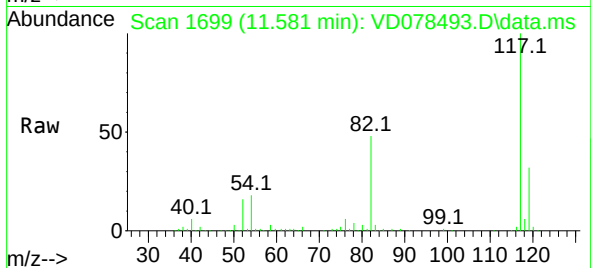




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

Tgt Ion:117 Resp: 301933
Ion Ratio Lower Upper
117 100
82 48.0 38.3 57.5
119 32.0 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: VD078493.D
Acq: 21 Feb 2024 11:27

Tgt Ion:152 Resp: 151003
Ion Ratio Lower Upper
152 100
115 56.0 27.1 81.3
150 157.1 0.0 353.6

