

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078370.D
 Acq On : 08 Feb 2024 15:37
 Operator : RP/MD
 Sample : P1389-03
 Misc : 6.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-VOC

Quant Time: Feb 09 03:10:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	112479	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	227313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	224301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58317	41.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.760%
35) Dibromofluoromethane	7.804	113	73321	45.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.620%
50) Toluene-d8	10.269	98	280200	45.732	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.569	95	81804	44.583	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.160%

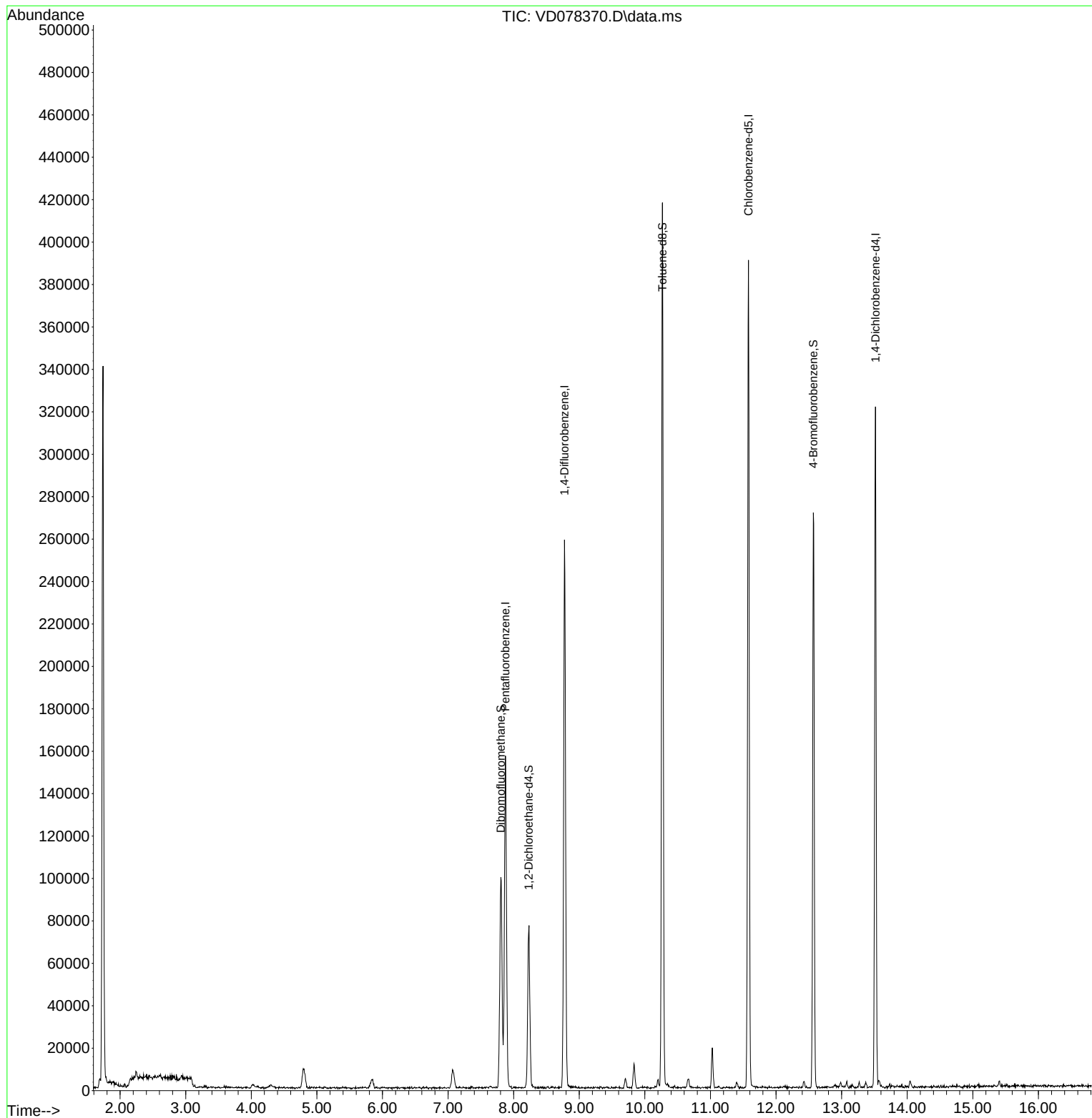
Target Compounds	Qvalue

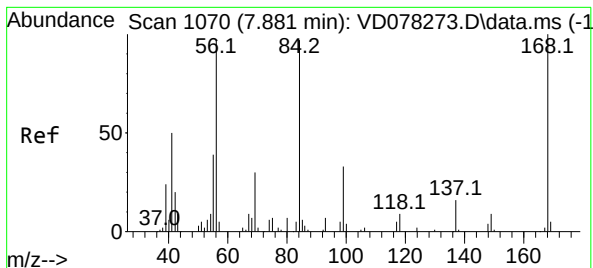
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD078370.D

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Instrument :

MSVOA_D

ClientSampleId :

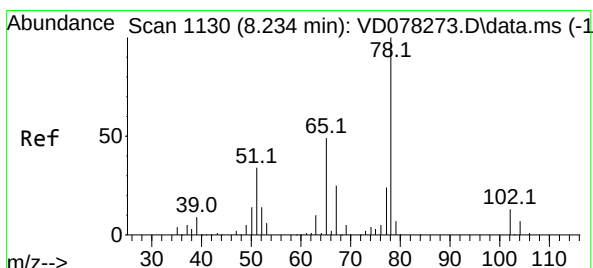
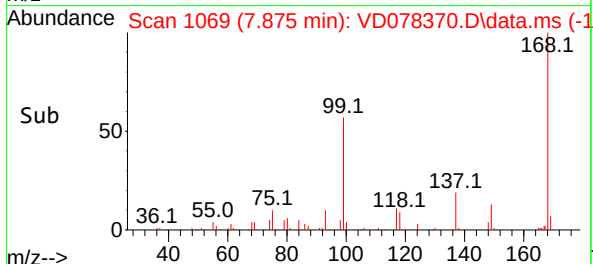
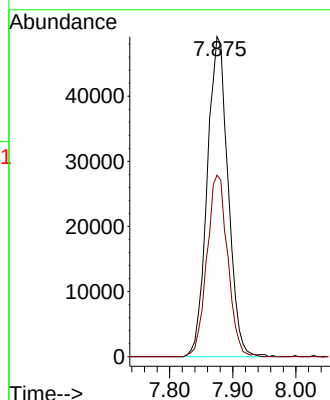
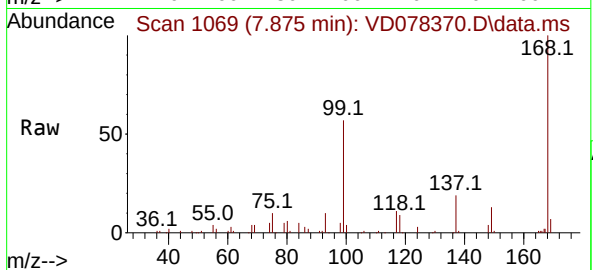
WC-1-VOC

Tgt Ion:168 Resp: 112479

Ion Ratio Lower Upper

168 100

99 56.7 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 41.882 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078370.D

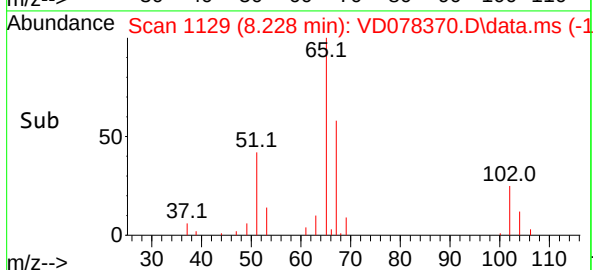
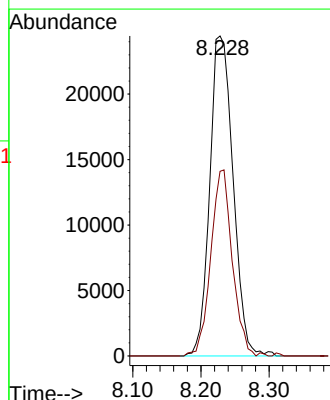
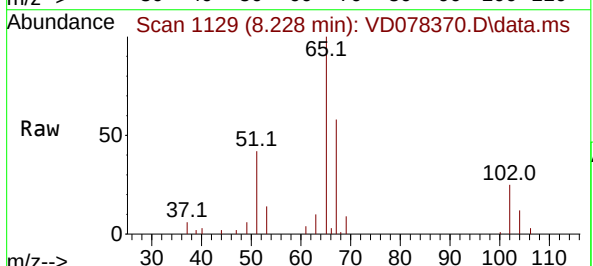
Acq: 08 Feb 2024 15:37

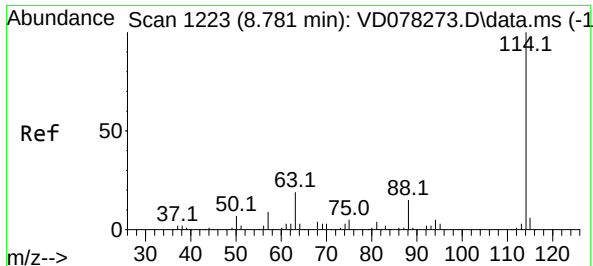
Tgt Ion: 65 Resp: 58317

Ion Ratio Lower Upper

65 100

67 53.6 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

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Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

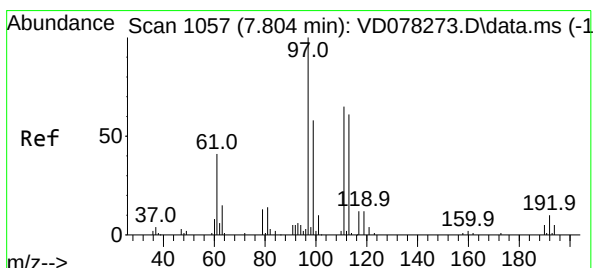
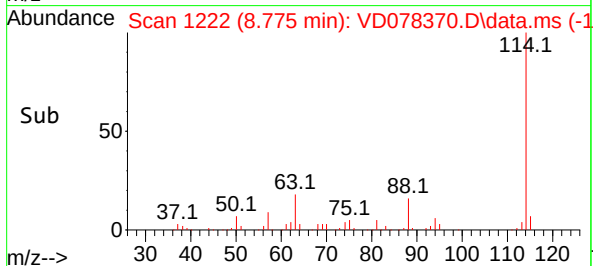
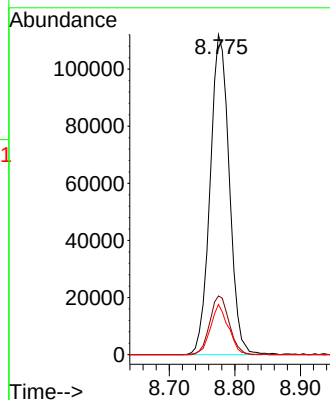
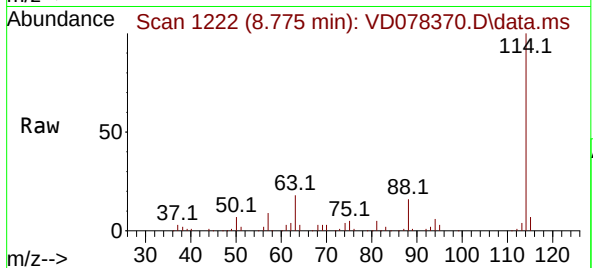
Tgt Ion:114 Resp: 227313

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 15.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.307 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078370.D

Acq: 08 Feb 2024 15:37

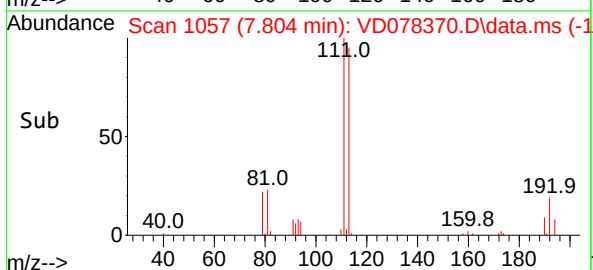
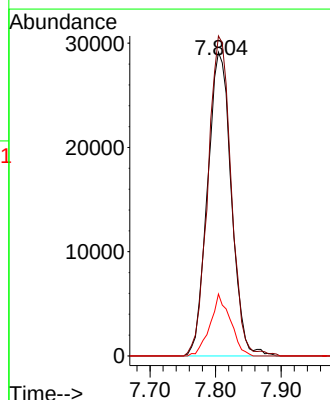
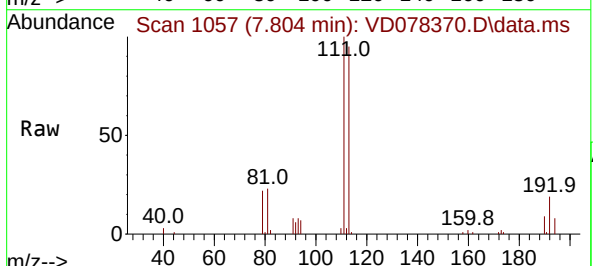
Tgt Ion:113 Resp: 73321

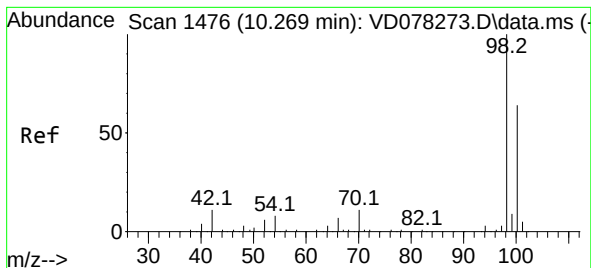
Ion Ratio Lower Upper

113 100

111 103.1 84.7 127.1

192 17.5 16.8 25.2

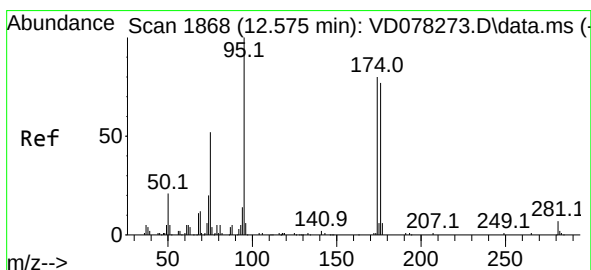
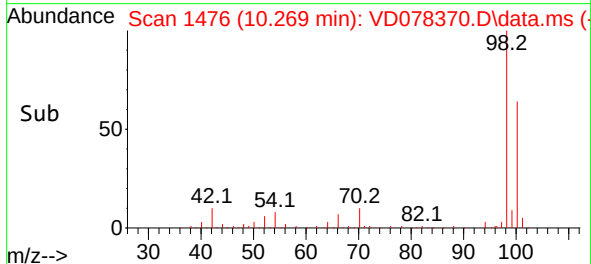
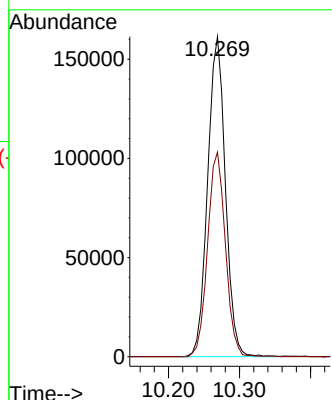
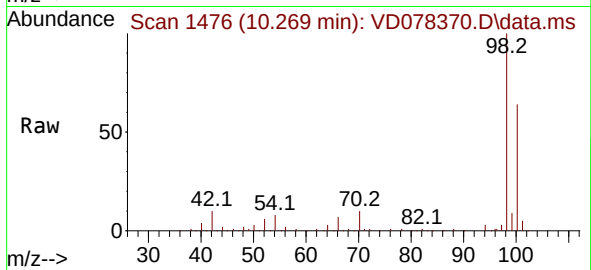




#50
Toluene-d8
Concen: 45.732 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078370.D
Acq: 08 Feb 2024 15:37

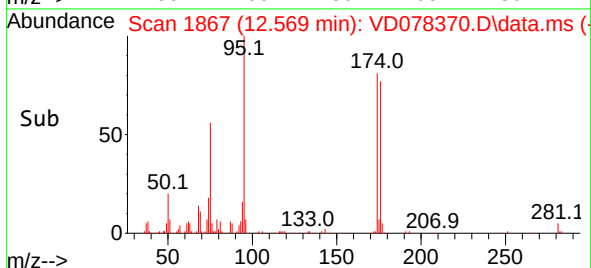
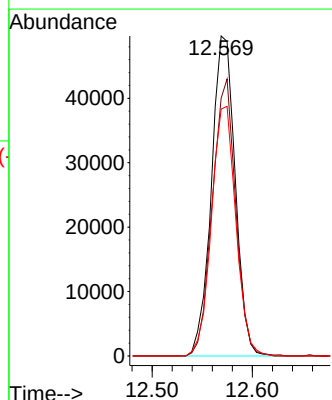
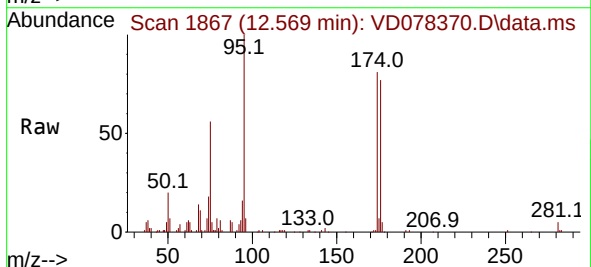
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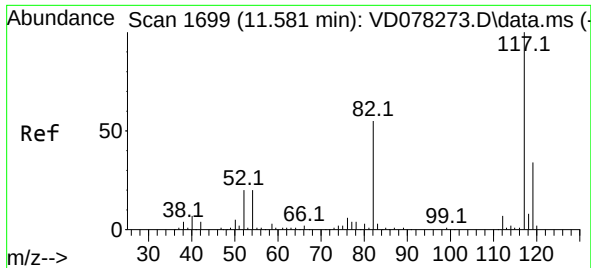
Tgt Ion: 98 Resp: 280200
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.583 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078370.D
Acq: 08 Feb 2024 15:37

Tgt Ion: 95 Resp: 81804
Ion Ratio Lower Upper
95 100
174 85.0 0.0 201.8
176 80.1 0.0 191.8

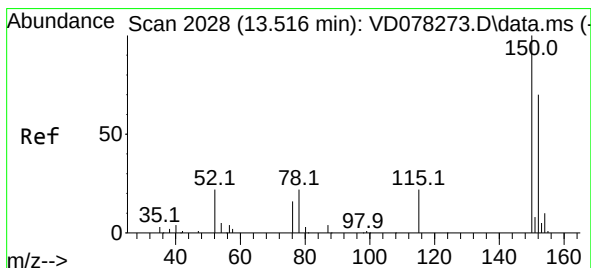
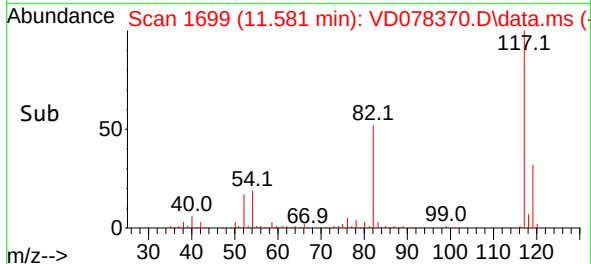
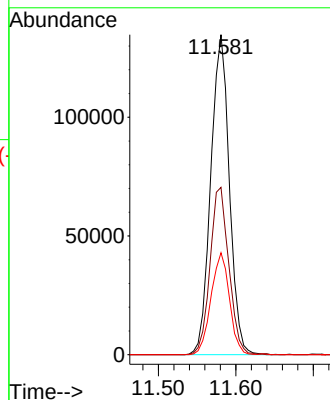
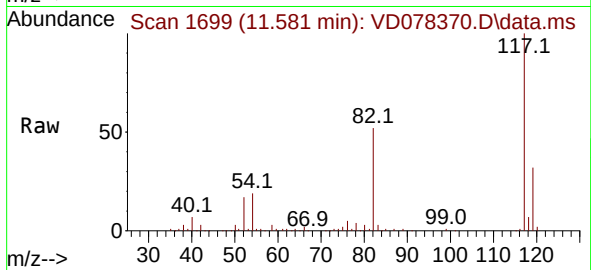




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078370.D
Acq: 08 Feb 2024 15:37

Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

Tgt Ion:117 Resp: 224301
Ion Ratio Lower Upper
117 100
82 52.3 38.3 57.5
119 31.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078370.D
Acq: 08 Feb 2024 15:37

Tgt Ion:152 Resp: 82239
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 154.8 0.0 353.6

