

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
 Data File : VD080239.D
 Acq On : 04 Feb 2025 16:33
 Operator : RP/MD
 Sample : Q1277-01
 Misc : 5.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT 3249-VOC

Quant Time: Feb 05 00:43:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	2626	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	4070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	4478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2117	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	5037	147.457	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	294.920%#
35) Dibromofluoromethane	7.793	113	2322	80.498	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	161.000%#
50) Toluene-d8	10.269	98	4478	41.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.720%
62) 4-Bromofluorobenzene	12.581	95	1795	52.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.600%

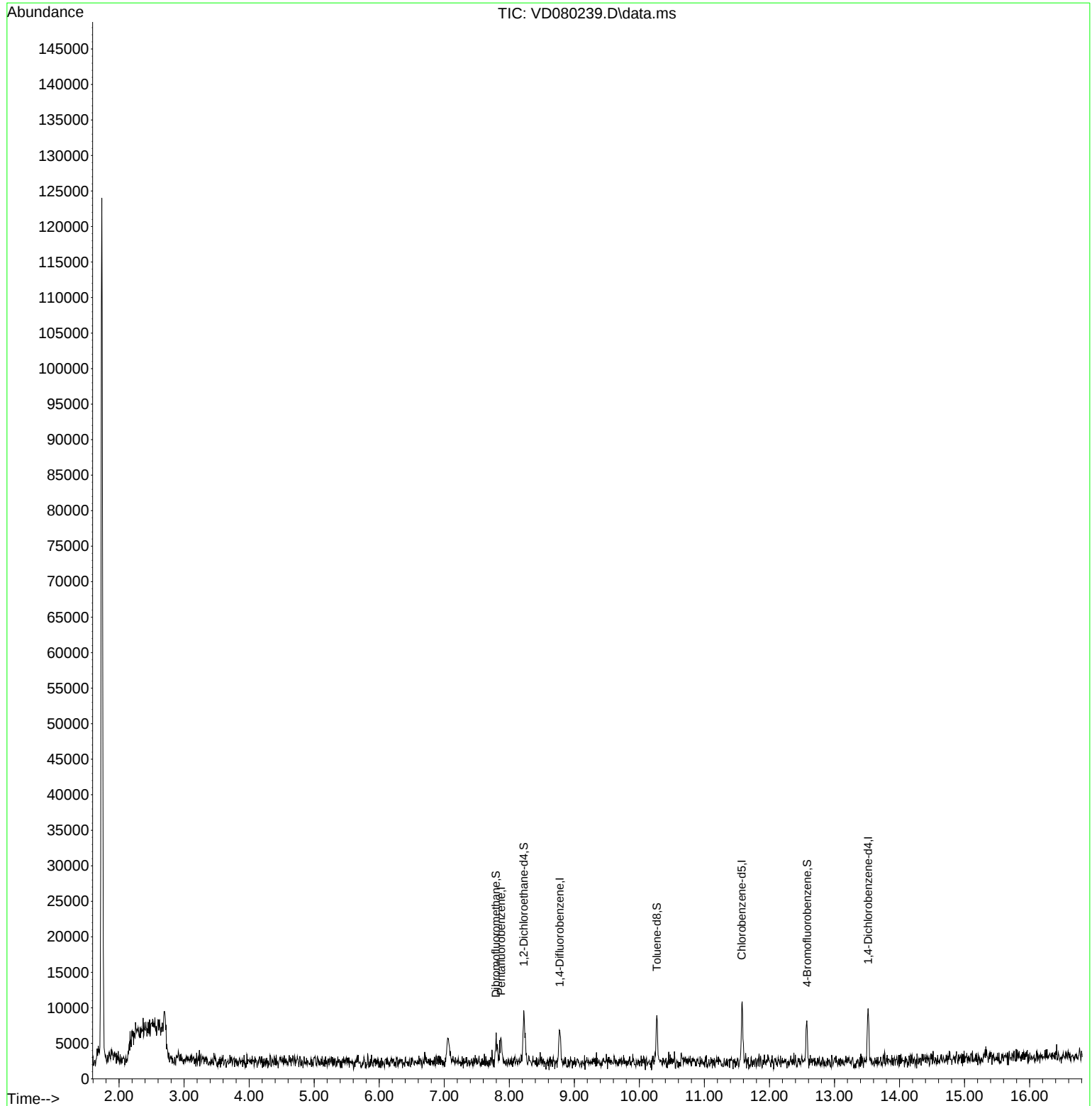
Target Compounds	Qvalue

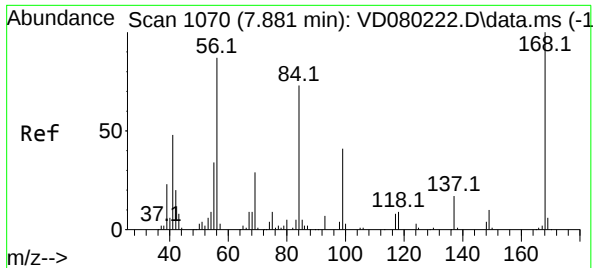
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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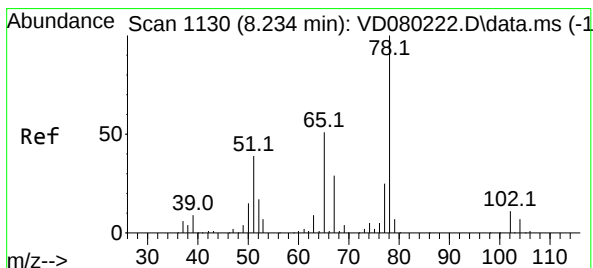
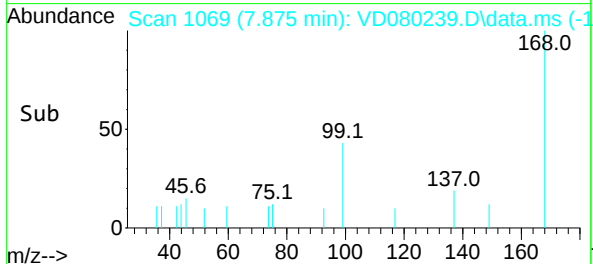
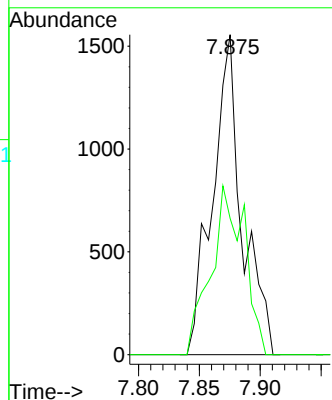
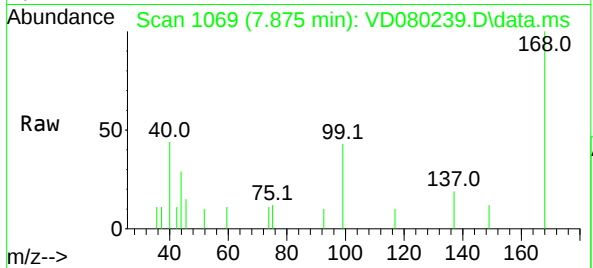




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

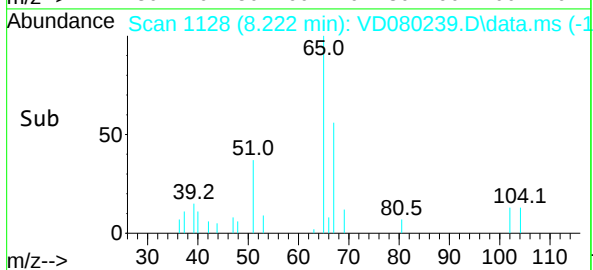
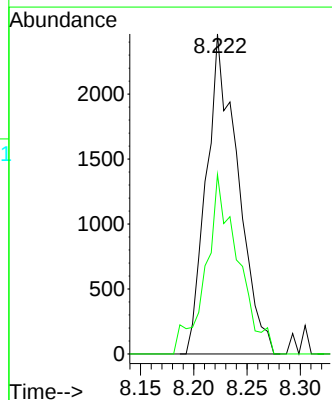
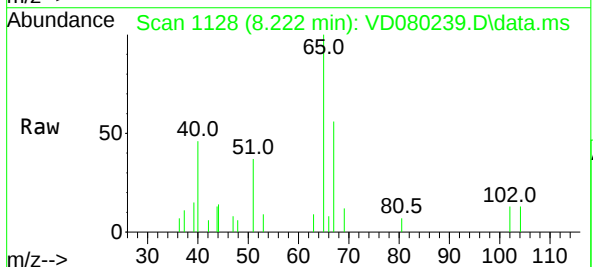
Instrument :
MSVOA_D
ClientSampleId :
RT 3249-VOC

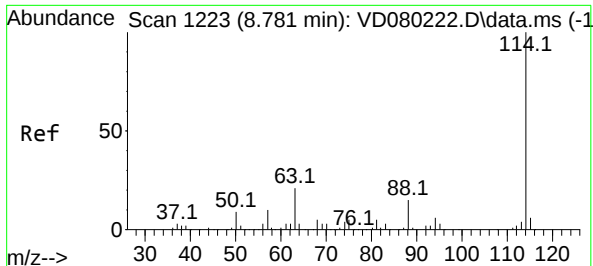
Tgt Ion:168 Resp: 2626
Ion Ratio Lower Upper
168 100
99 42.6 44.4 66.6#



#33
1,2-Dichloroethane-d4
Concen: 147.457 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion: 65 Resp: 5037
Ion Ratio Lower Upper
65 100
67 57.7 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

RT 3249-VOC

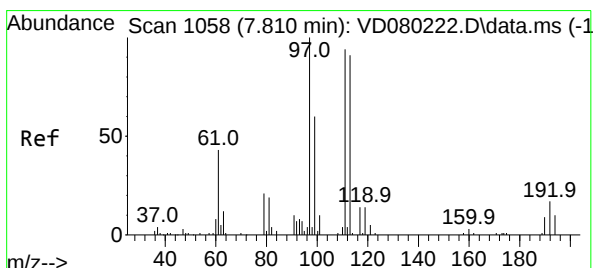
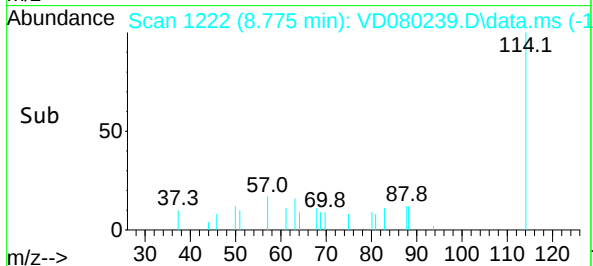
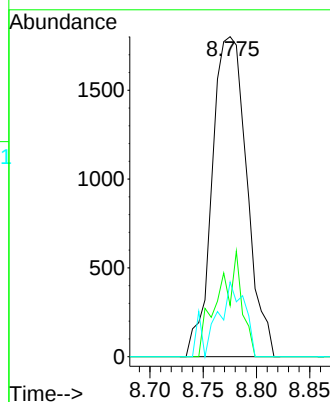
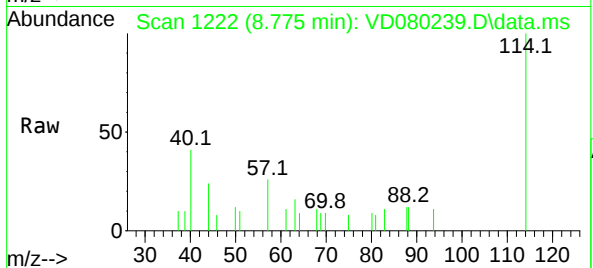
Tgt Ion:114 Resp: 4070

Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.8

88 23.4 0.0 30.4



#35

Dibromofluoromethane

Concen: 80.498 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.018 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

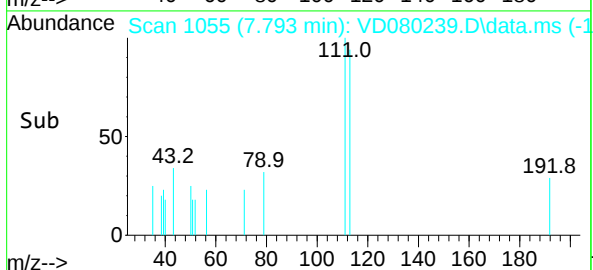
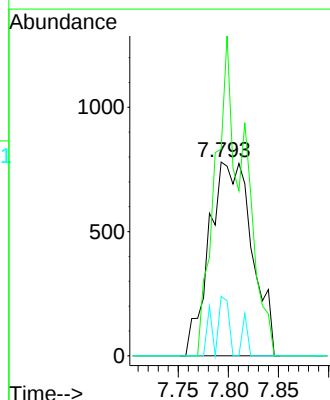
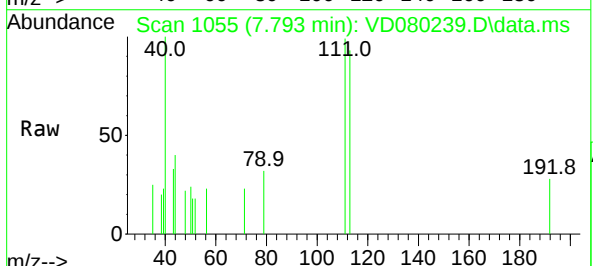
Tgt Ion:113 Resp: 2322

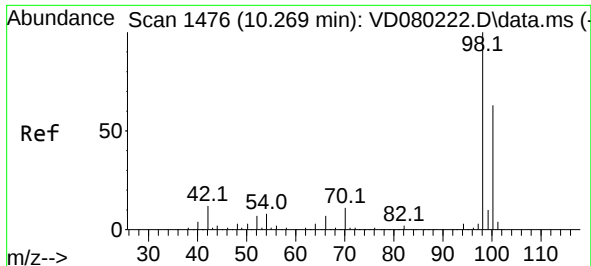
Ion Ratio Lower Upper

113 100

111 111.5 85.0 127.4

192 10.0 15.5 23.3#

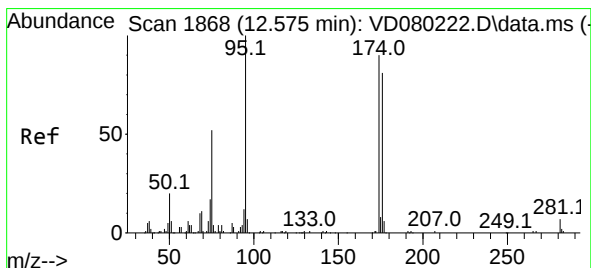
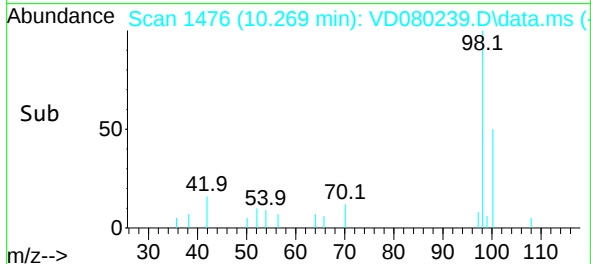
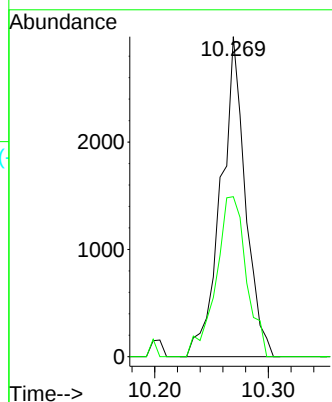
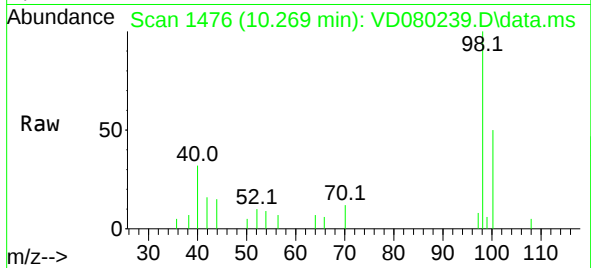




#50
Toluene-d8
Concen: 41.862 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

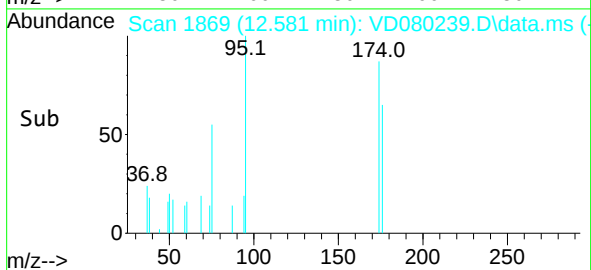
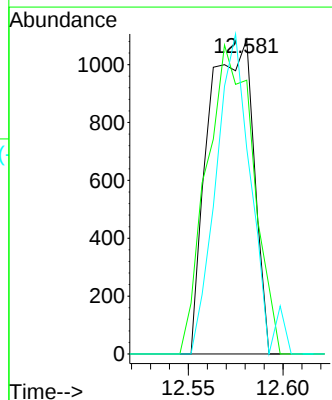
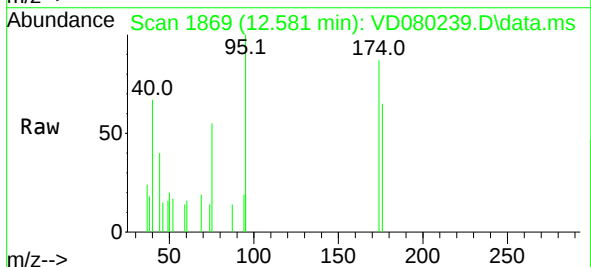
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RT 3249-VOC

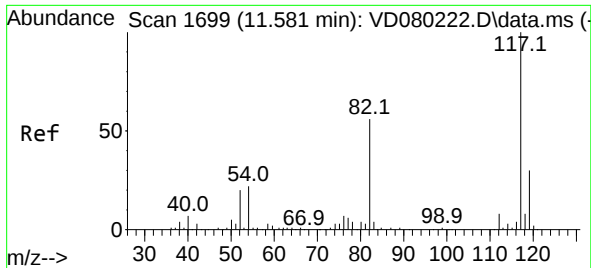
Tgt Ion: 98 Resp: 4478
Ion Ratio Lower Upper
98 100
100 61.8 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 52.298 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion: 95 Resp: 1795
Ion Ratio Lower Upper
95 100
174 101.2 0.0 171.8
176 79.3 0.0 159.6

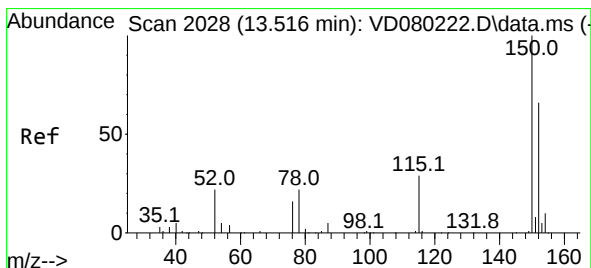
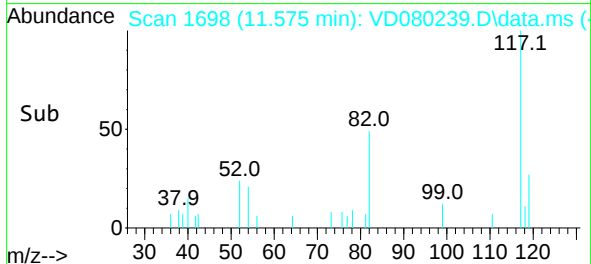
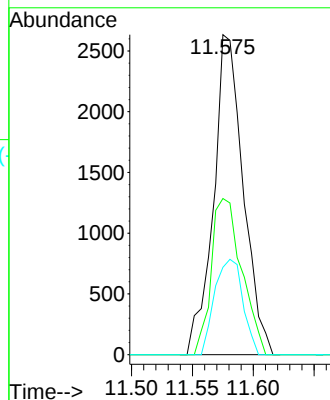
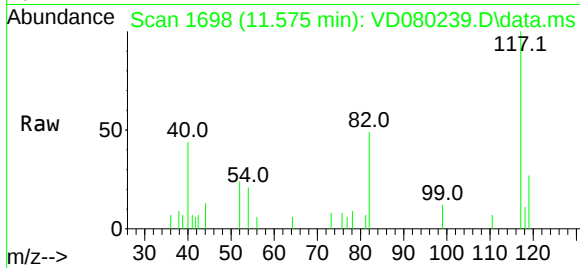




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
RT 3249-VOC

Tgt Ion:117 Resp: 4478
Ion Ratio Lower Upper
117 100
82 48.8 45.0 67.6
119 27.3 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion:152 Resp: 2117
Ion Ratio Lower Upper
152 100
115 54.7 30.0 90.1
150 139.2 0.0 350.4

