

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078932.D
 Acq On : 15 May 2024 16:19
 Operator : RP/MD
 Sample : P2480-03
 Misc : 5.46G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-MH-JJ

Quant Time: May 16 01:26:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	91148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	228489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100526	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58349	68.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.500%
35) Dibromofluoromethane	7.804	113	81237	53.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.820%
50) Toluene-d8	10.269	98	299605	52.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.080%
62) 4-Bromofluorobenzene	12.575	95	77215	48.205	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.400%

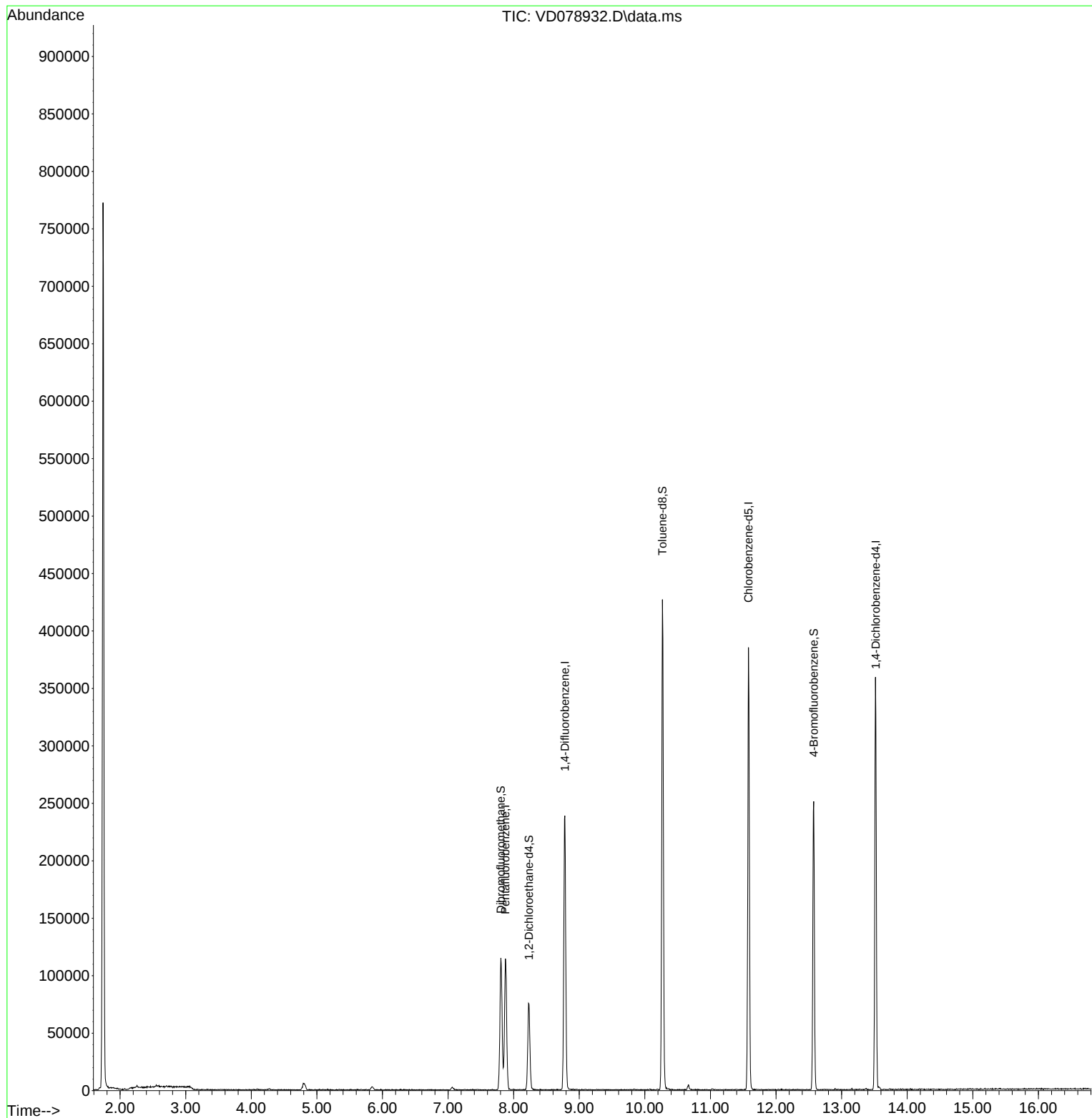
Target Compounds	Qvalue

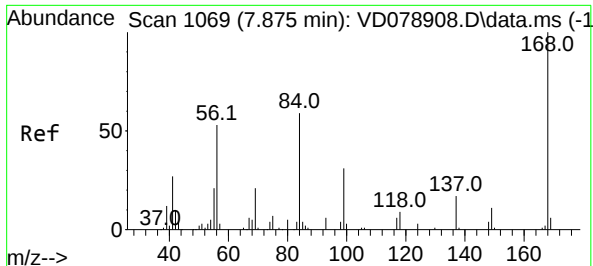
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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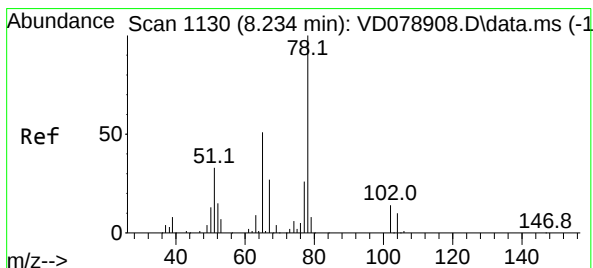
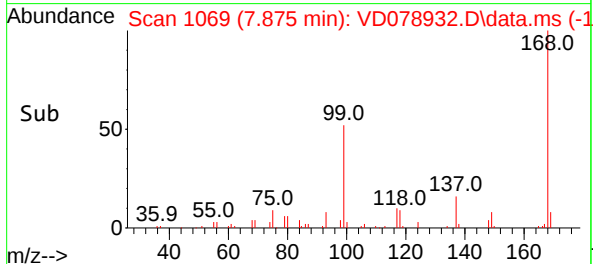
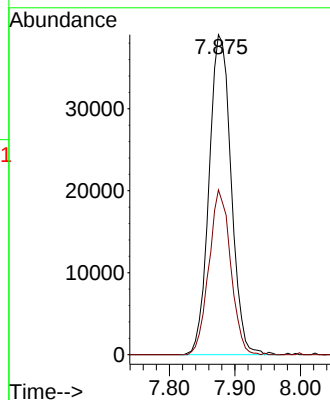
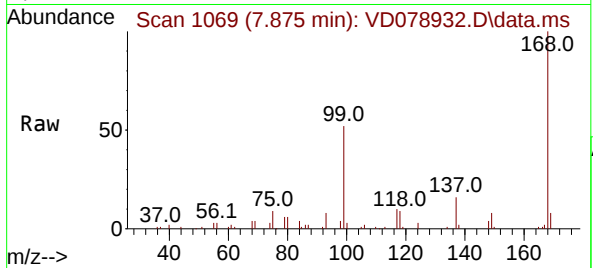




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078932.D
Acq: 15 May 2024 16:19

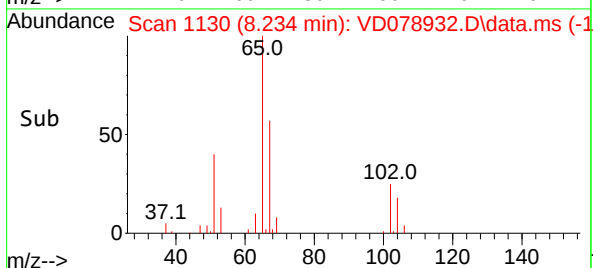
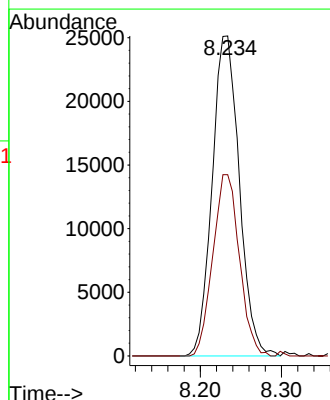
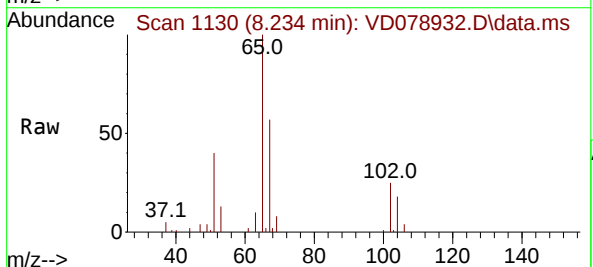
Instrument :
MSVOA_D
ClientSampleId :
VOC-MH-JJ

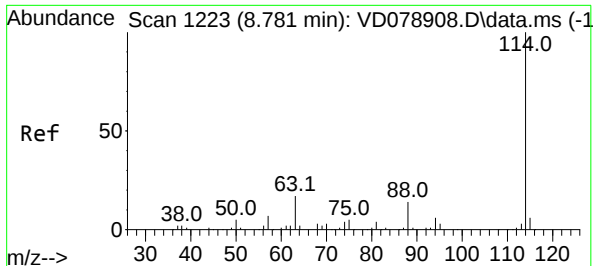
Tgt Ion:168 Resp: 91148
Ion Ratio Lower Upper
168 100
99 51.5 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 68.247 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078932.D
Acq: 15 May 2024 16:19

Tgt Ion: 65 Resp: 58349
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078932.D

Acq: 15 May 2024 16:19

Instrument :

MSVOA_D

ClientSampleId :

VOC-MH-JJ

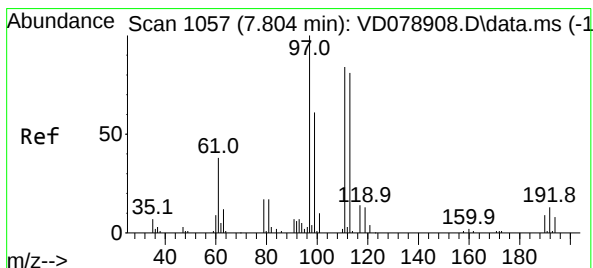
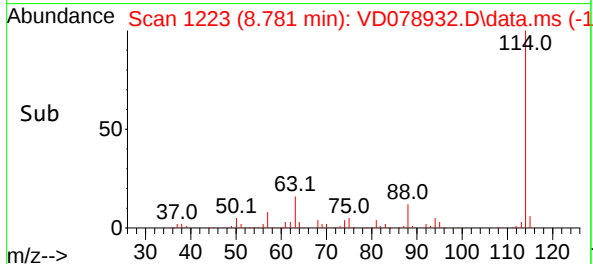
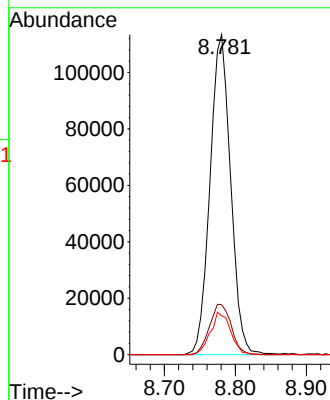
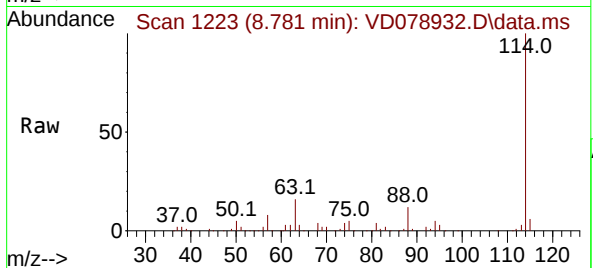
Tgt Ion:114 Resp: 228489

Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.0

88 12.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.411 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078932.D

Acq: 15 May 2024 16:19

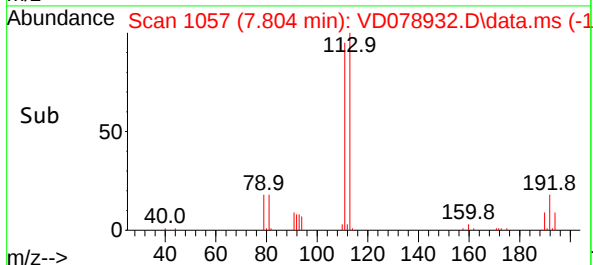
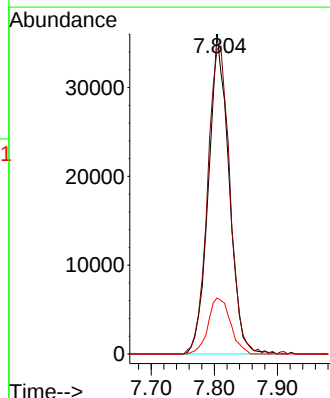
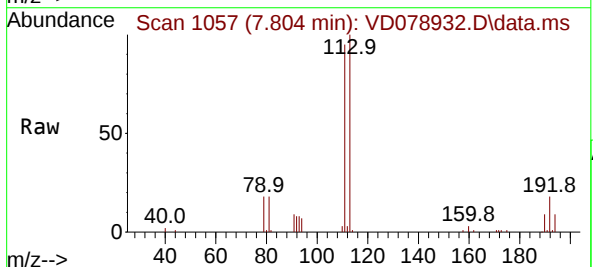
Tgt Ion:113 Resp: 81237

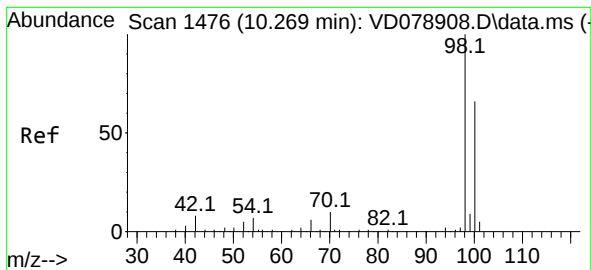
Ion Ratio Lower Upper

113 100

111 104.7 84.0 126.0

192 19.1 15.4 23.0





#50

Toluene-d8

Concen: 52.545 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078932.D

Acq: 15 May 2024 16:19

Instrument :

MSVOA_D

ClientSampleId :

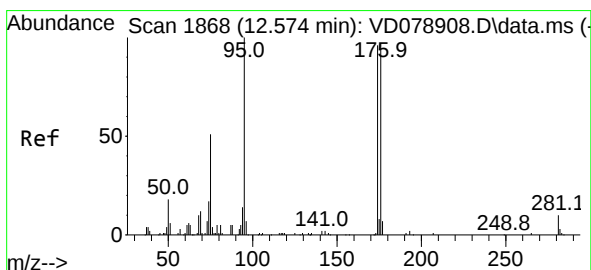
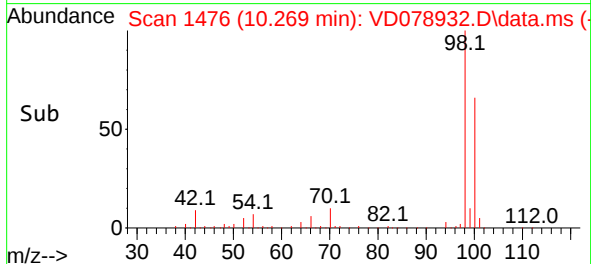
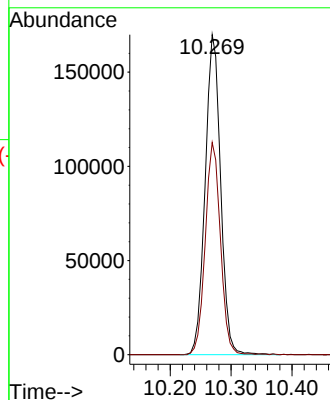
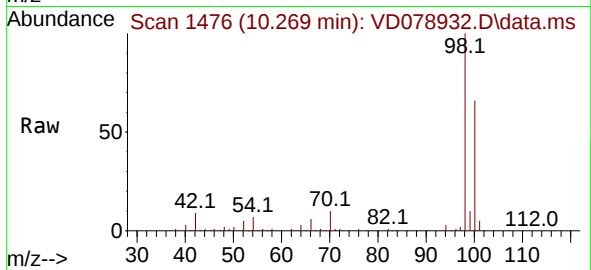
VOC-MH-JJ

Tgt Ion: 98 Resp: 299605

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 48.205 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078932.D

Acq: 15 May 2024 16:19

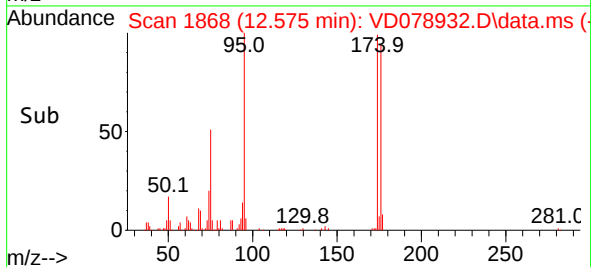
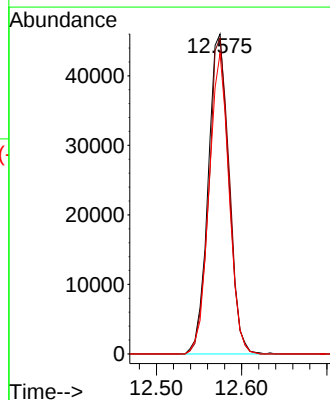
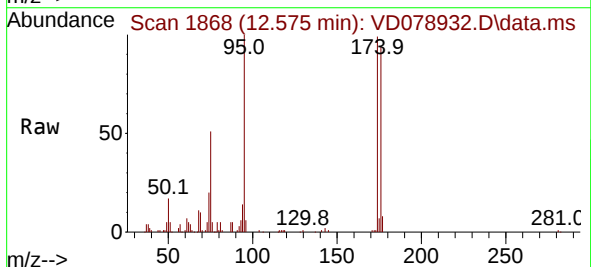
Tgt Ion: 95 Resp: 77215

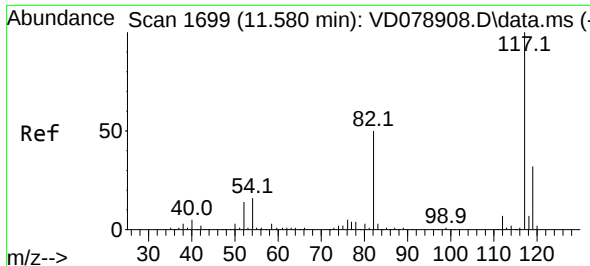
Ion Ratio Lower Upper

95 100

174 97.5 0.0 195.4

176 91.2 0.0 192.6

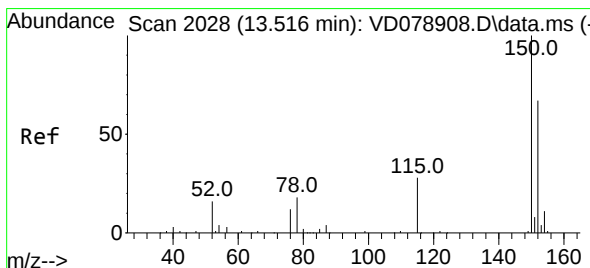
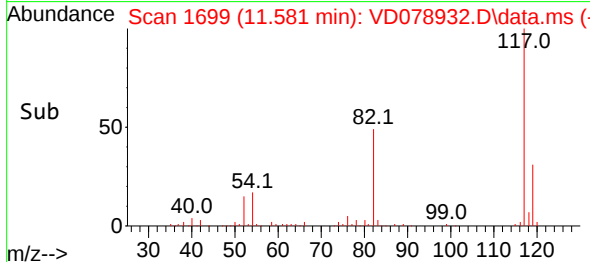
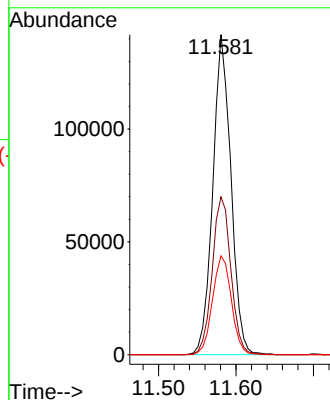
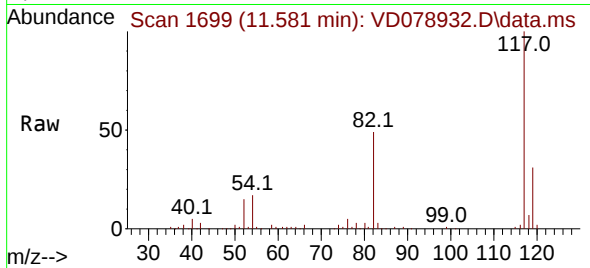




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078932.D
Acq: 15 May 2024 16:19

Instrument :
MSVOA_D
ClientSampleId :
VOC-MH-JJ

Tgt Ion:117 Resp: 229999
Ion Ratio Lower Upper
117 100
82 49.3 39.8 59.6
119 30.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078932.D
Acq: 15 May 2024 16:19

Tgt Ion:152 Resp: 100526
Ion Ratio Lower Upper
152 100
115 54.6 26.5 79.5
150 158.4 0.0 341.6

