

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078591.D
 Acq On : 04 Mar 2024 17:08
 Operator : RP/MD
 Sample : P1672-15
 Misc : 4.75G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13-VOC

Quant Time: Mar 05 04:16:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	156485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	287861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115538	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98598	63.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.120%
35) Dibromofluoromethane	7.810	113	108324	57.849	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.700%
50) Toluene-d8	10.269	98	400099	54.987	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.980%
62) 4-Bromofluorobenzene	12.569	95	105114	50.579	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.160%

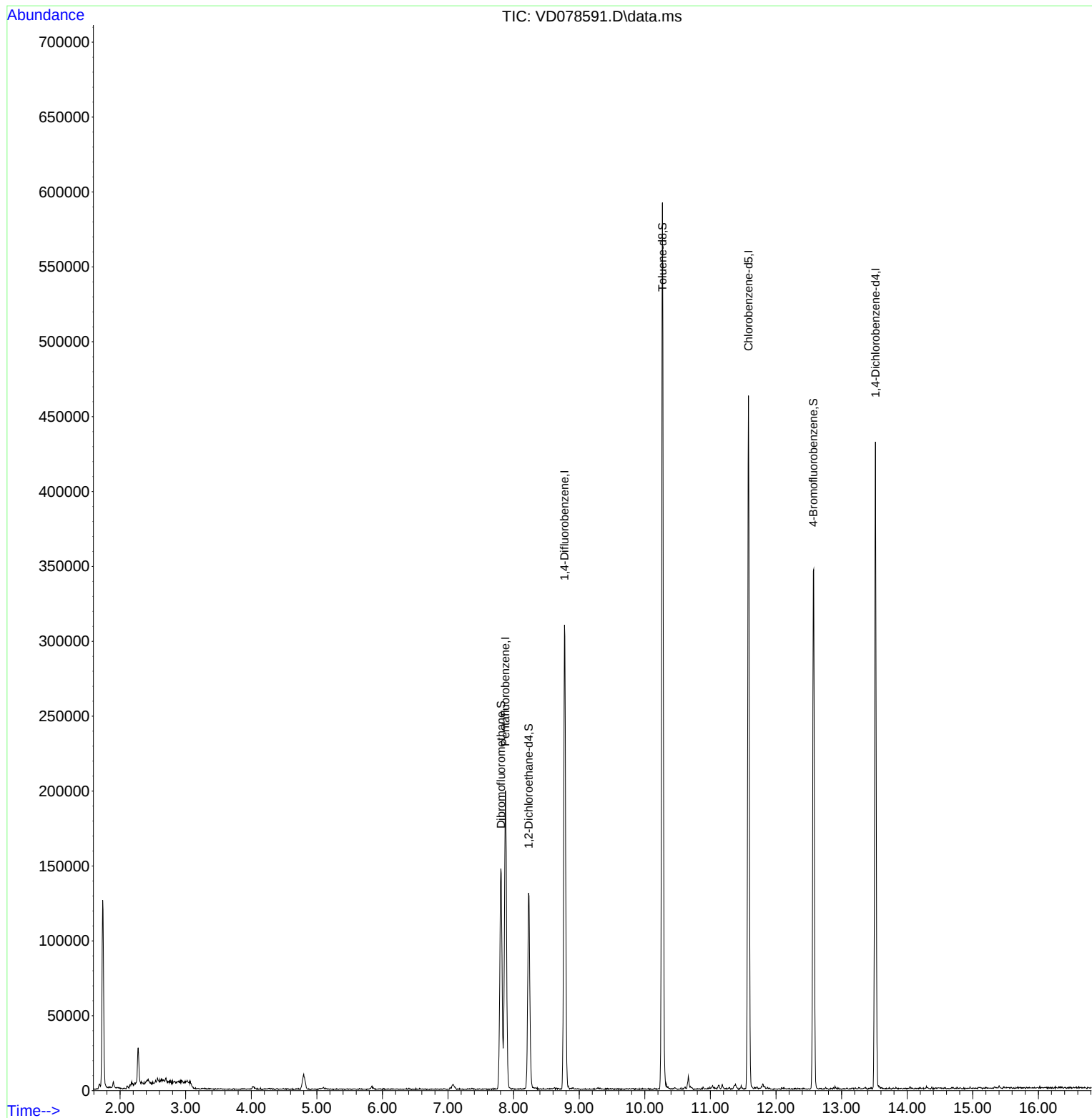
Target Compounds	Qvalue

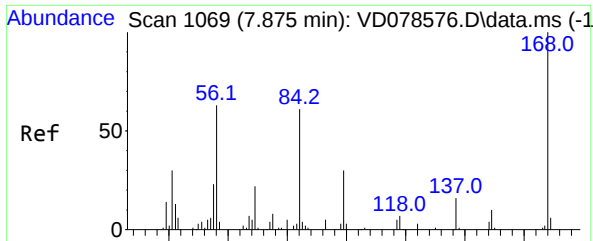
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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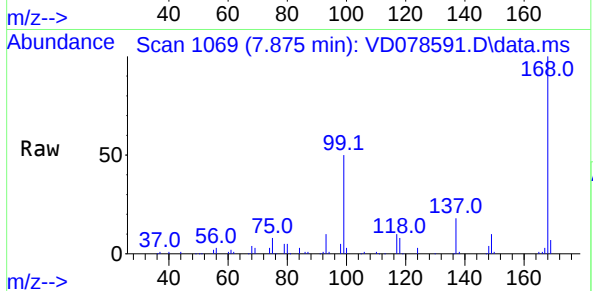
Quant Time: Mar 05 04:16:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
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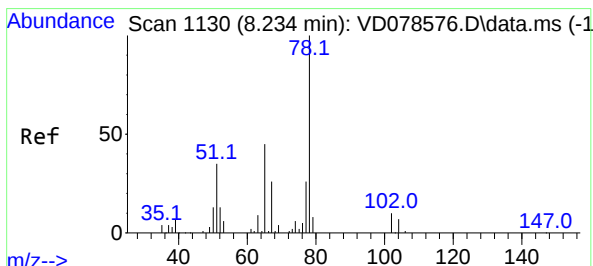
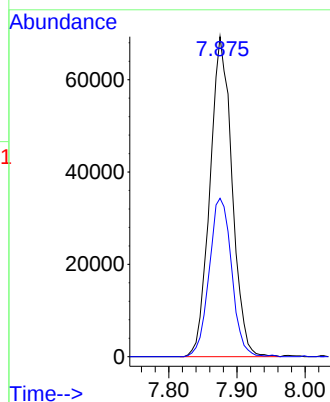
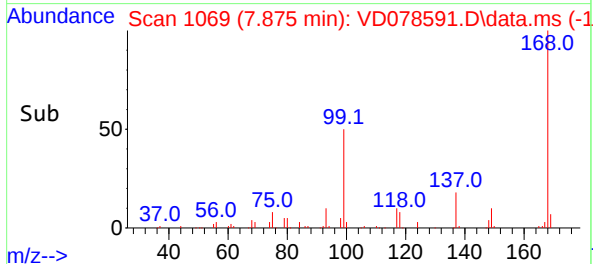


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078591.D
Acq: 04 Mar 2024 17:08

Instrument :
MSVOA_D
ClientSampleId :
TP-13-VOC

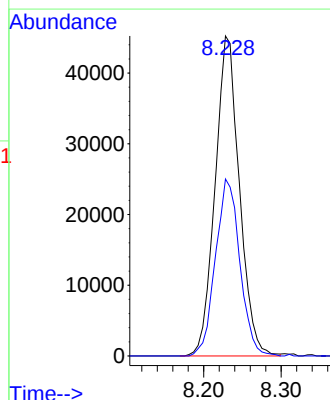
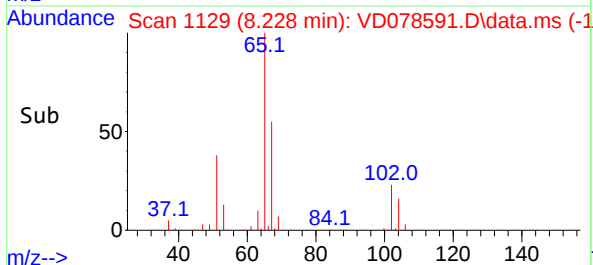
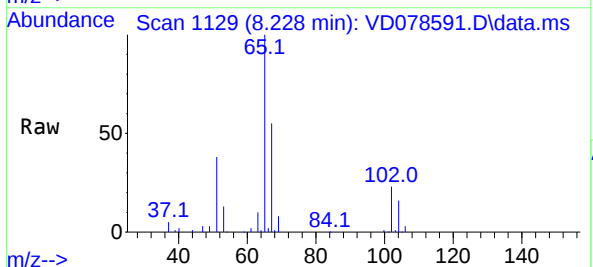


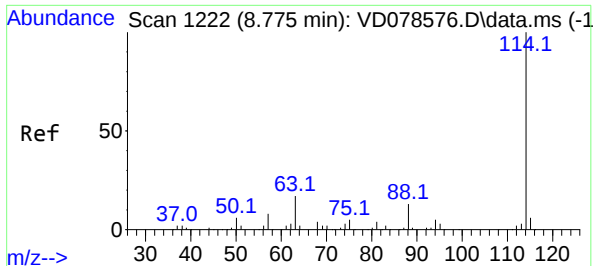
Tgt Ion:168 Resp: 156485
Ion Ratio Lower Upper
168 100
99 49.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 63.562 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078591.D
Acq: 04 Mar 2024 17:08

Tgt Ion: 65 Resp: 98598
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0

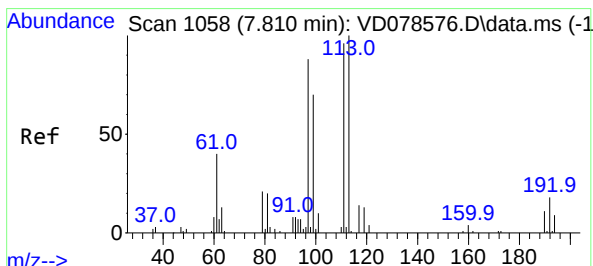
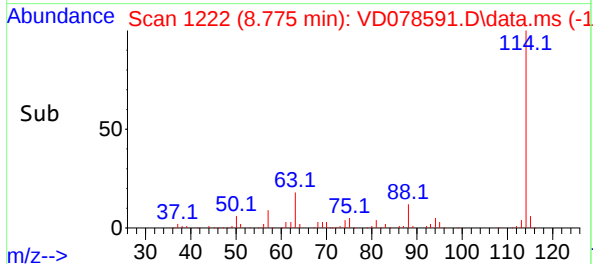
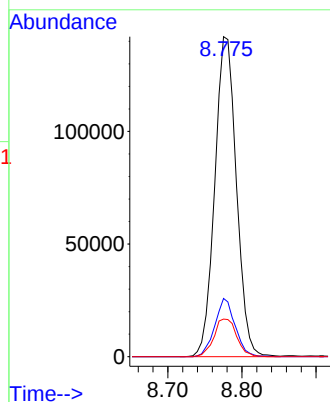
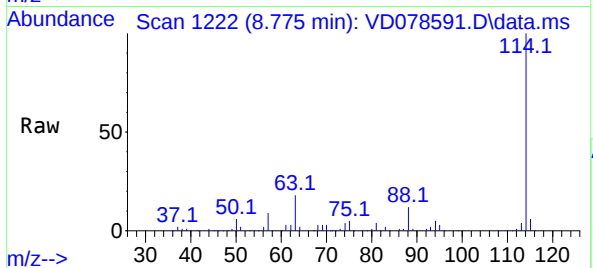




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078591.D
Acq: 04 Mar 2024 17:08

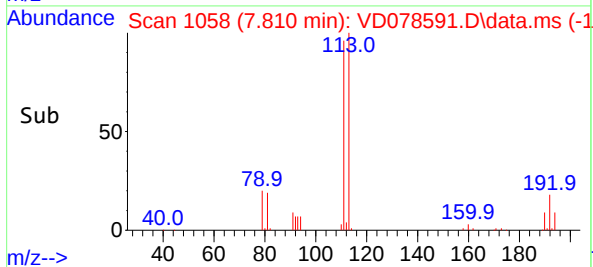
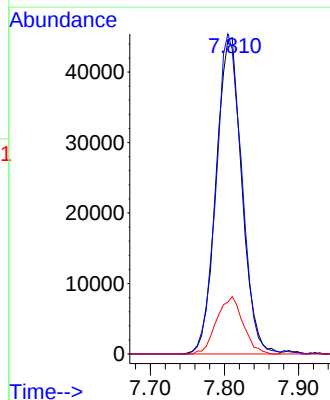
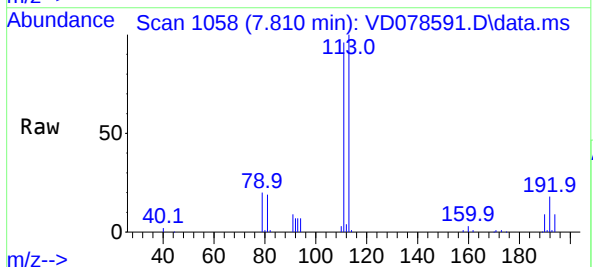
Instrument :
MSVOA_D
ClientSampleId :
TP-13-VOC

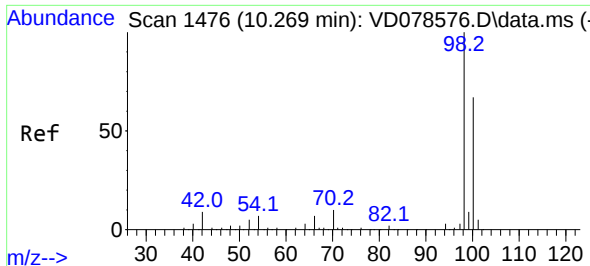
Tgt Ion:114 Resp: 287861
Ion Ratio Lower Upper
114 100
63 18.2 0.0 33.4
88 11.8 0.0 26.2



#35
Dibromofluoromethane
Concen: 57.849 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078591.D
Acq: 04 Mar 2024 17:08

Tgt Ion:113 Resp: 108324
Ion Ratio Lower Upper
113 100
111 100.6 84.7 127.1
192 18.6 16.8 25.2

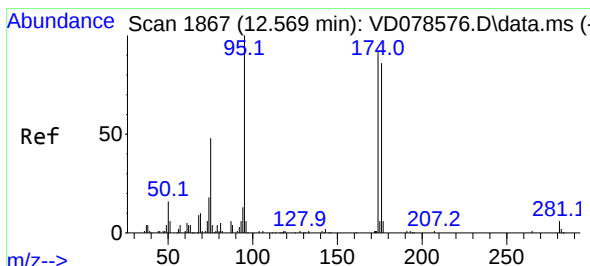
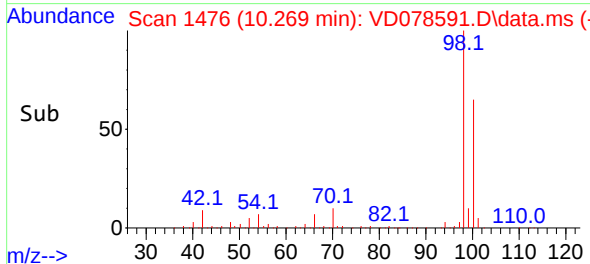
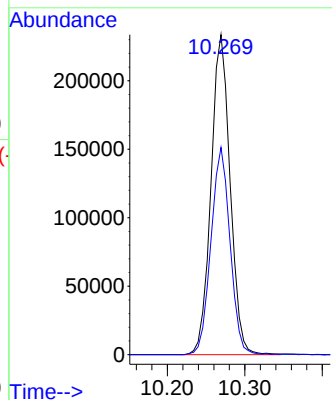
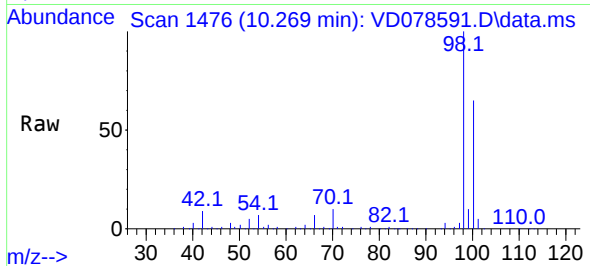




#50
Toluene-d8
Concen: 54.987 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078591.D
Acq: 04 Mar 2024 17:08

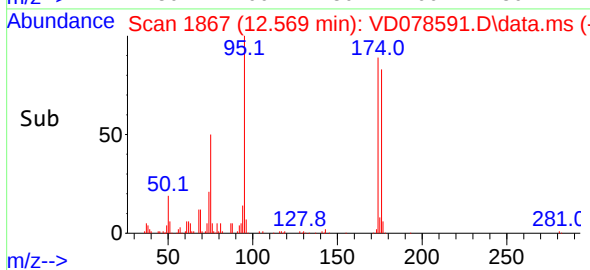
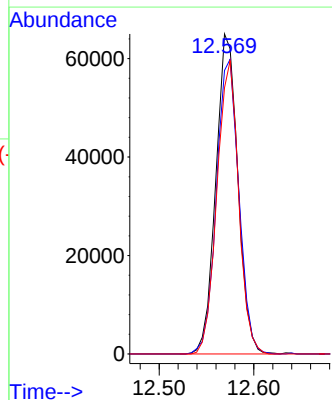
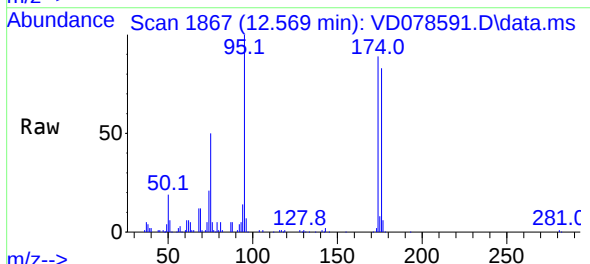
Instrument :
MSVOA_D
ClientSampleId :
TP-13-VOC

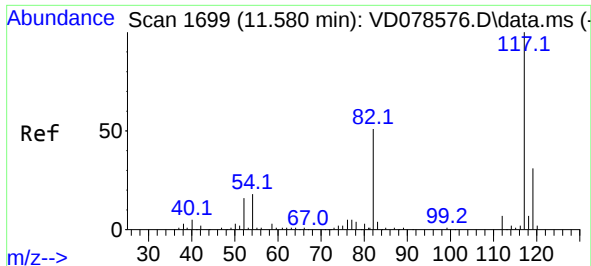
Tgt Ion: 98 Resp: 400099
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.579 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078591.D
Acq: 04 Mar 2024 17:08

Tgt Ion: 95 Resp: 105114
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 89.9 0.0 191.8

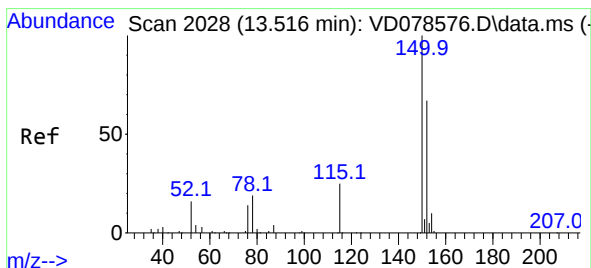
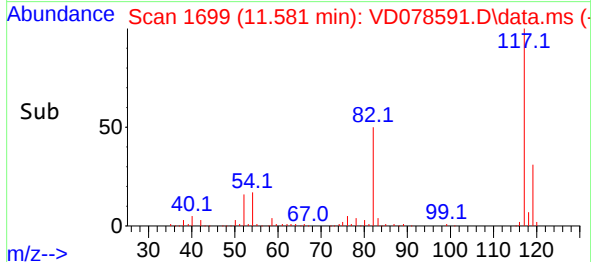
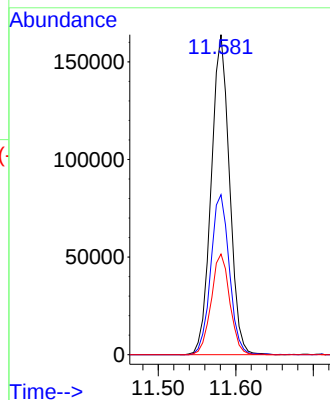
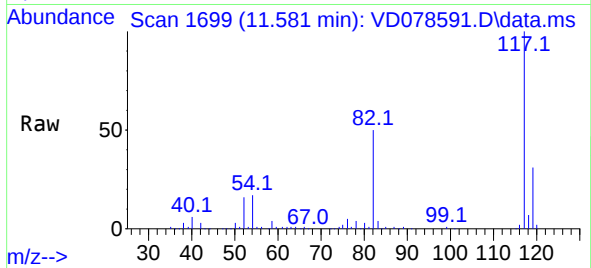




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078591.D
Acq: 04 Mar 2024 17:08

Instrument :
MSVOA_D
ClientSampleId :
TP-13-VOC

Tgt Ion:117 Resp: 268311
Ion Ratio Lower Upper
117 100
82 50.0 38.3 57.5
119 31.5 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: VD078591.D
Acq: 04 Mar 2024 17:08

Tgt Ion:152 Resp: 115538
Ion Ratio Lower Upper
152 100
115 52.4 27.1 81.3
150 155.7 0.0 353.6

