

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078588.D
 Acq On : 04 Mar 2024 15:45
 Operator : RP/MD
 Sample : P1672-03
 Misc : 5.95G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-VOC

Quant Time: Mar 05 04:14:54 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	172275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	317567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122456	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89686	52.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.040%
35) Dibromofluoromethane	7.805	113	97588	47.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.480%
50) Toluene-d8	10.269	98	375215	46.743	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.480%
62) 4-Bromofluorobenzene	12.575	95	96265	41.988	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.980%

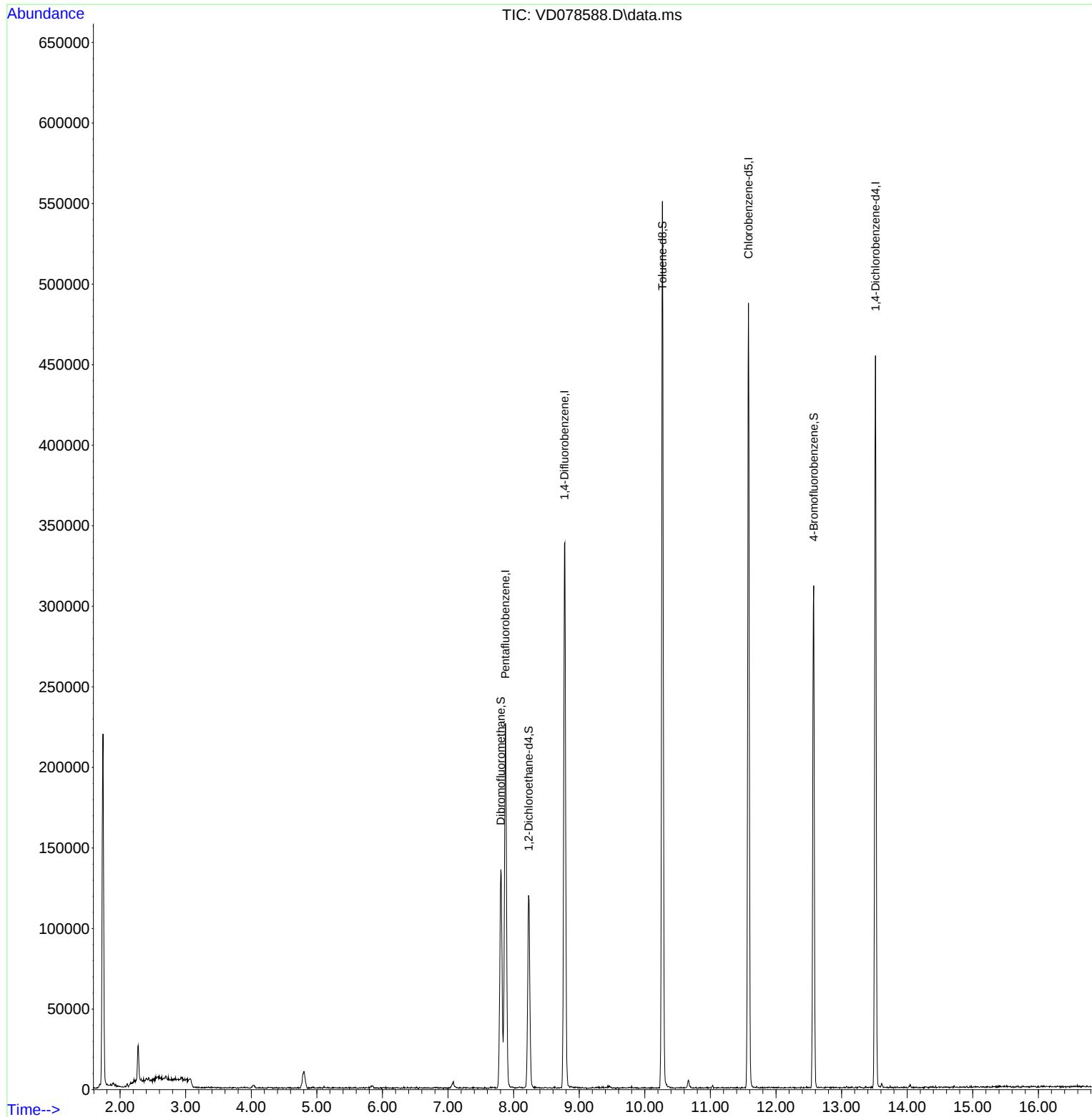
Target Compounds	Qvalue

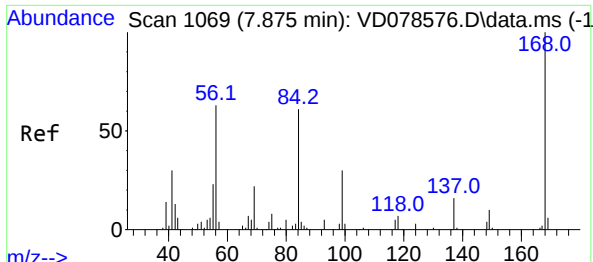
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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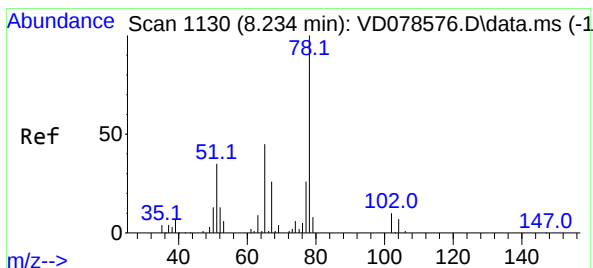
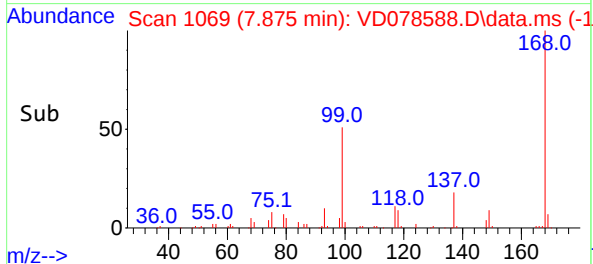
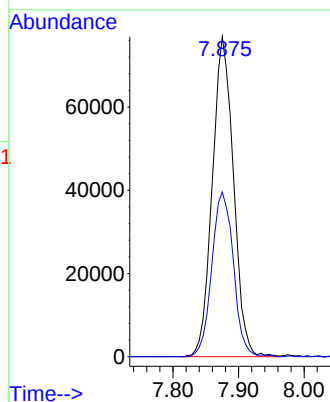
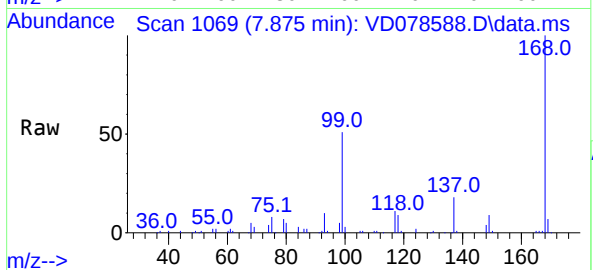




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD078588.D
Acq: 04 Mar 2024 15:45

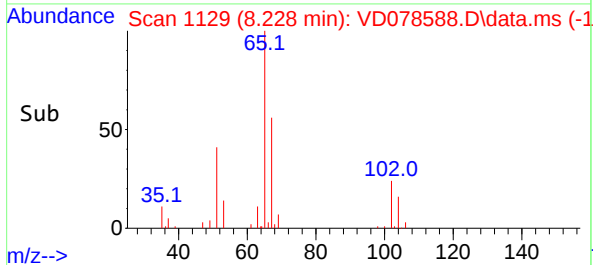
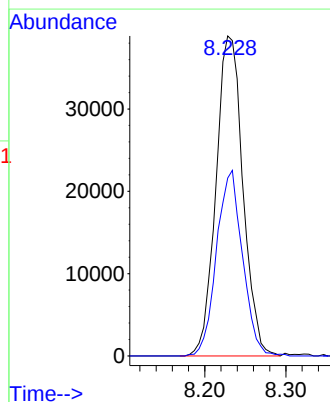
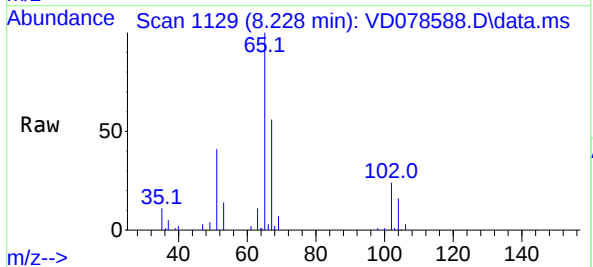
Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC

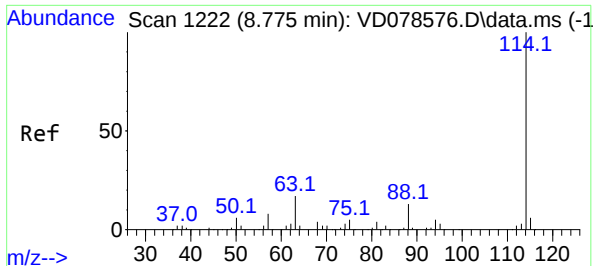
Tgt Ion:168 Resp: 172275
Ion Ratio Lower Upper
168 100
99 51.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 52.517 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078588.D
Acq: 04 Mar 2024 15:45

Tgt Ion: 65 Resp: 89686
Ion Ratio Lower Upper
65 100
67 56.0 0.0 115.0

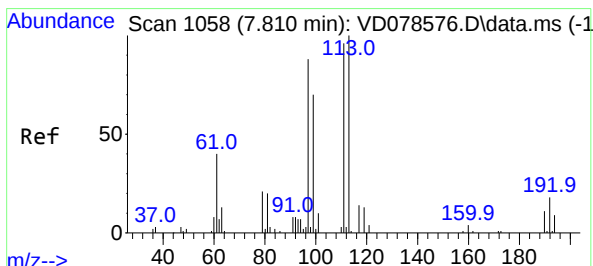
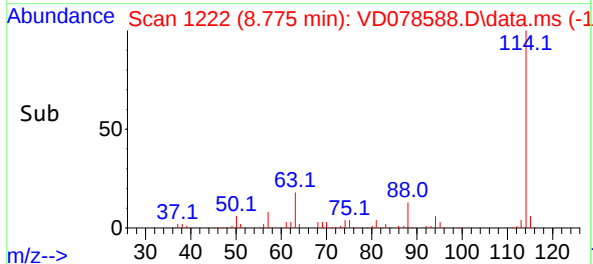
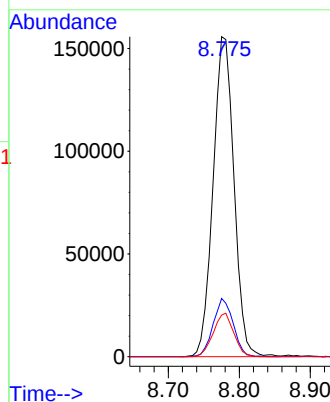
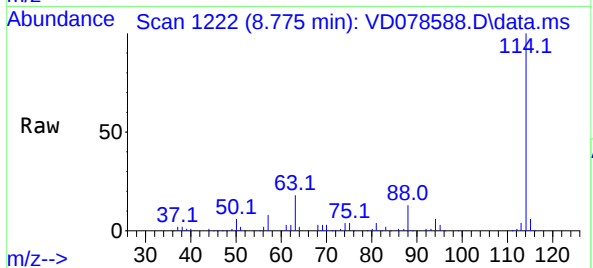




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078588.D
Acq: 04 Mar 2024 15:45

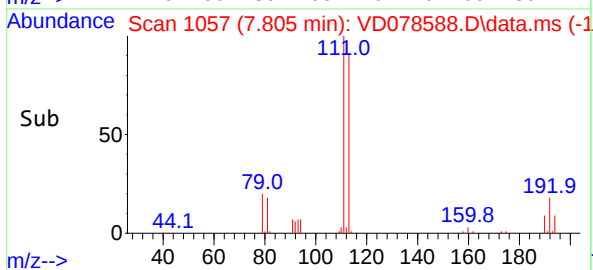
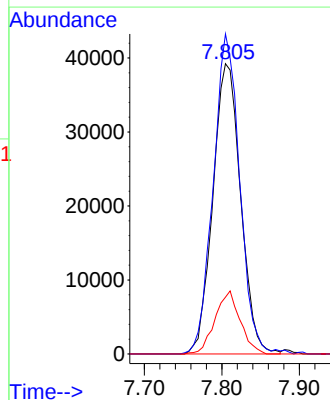
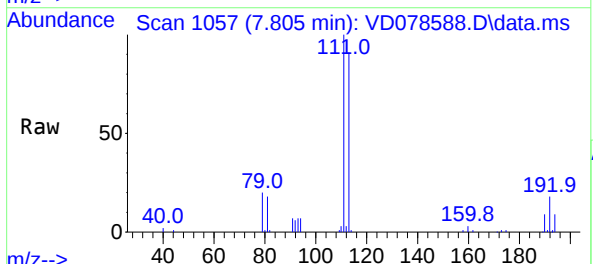
Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC

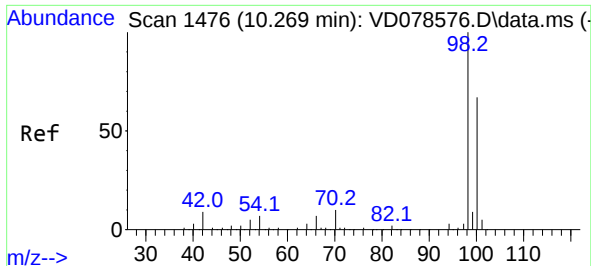
Tgt Ion:114 Resp: 317567
Ion Ratio Lower Upper
114 100
63 18.2 0.0 33.4
88 13.0 0.0 26.2



#35
Dibromofluoromethane
Concen: 47.241 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD078588.D
Acq: 04 Mar 2024 15:45

Tgt Ion:113 Resp: 97588
Ion Ratio Lower Upper
113 100
111 104.8 84.7 127.1
192 19.7 16.8 25.2

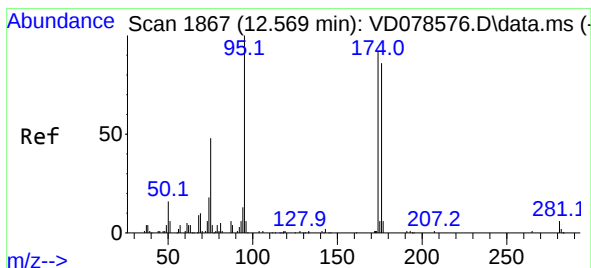
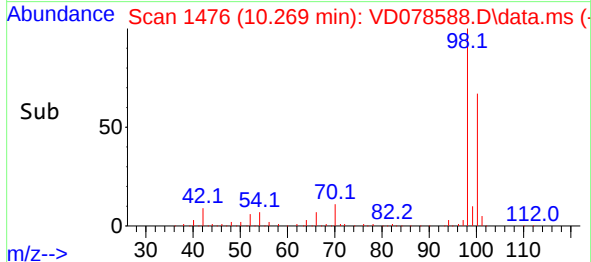
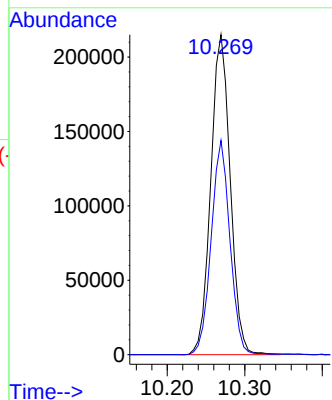
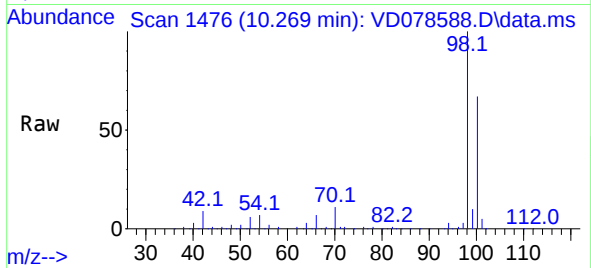




#50
Toluene-d8
Concen: 46.743 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078588.D
Acq: 04 Mar 2024 15:45

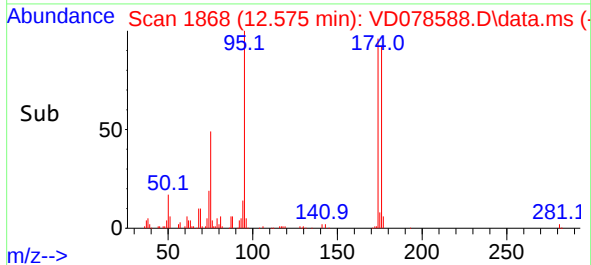
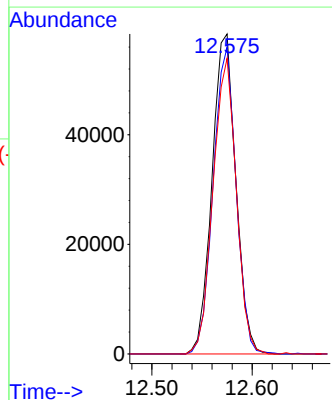
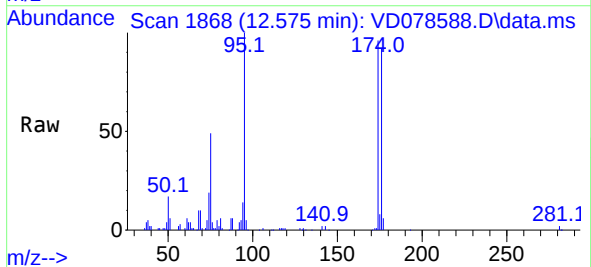
Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC

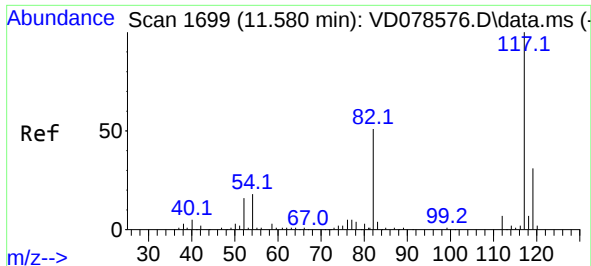
Tgt Ion: 98 Resp: 375215
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.988 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078588.D
Acq: 04 Mar 2024 15:45

Tgt Ion: 95 Resp: 96265
Ion Ratio Lower Upper
95 100
174 92.3 0.0 201.8
176 90.2 0.0 191.8

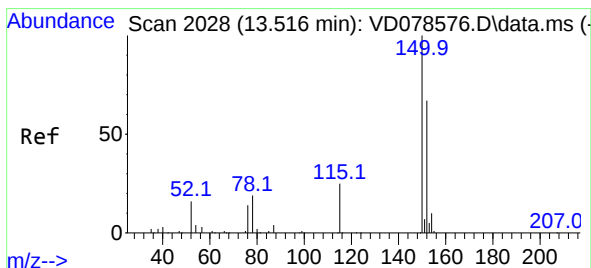
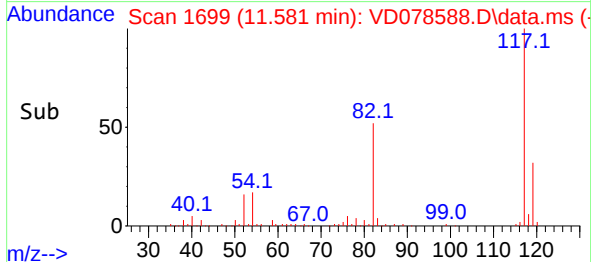
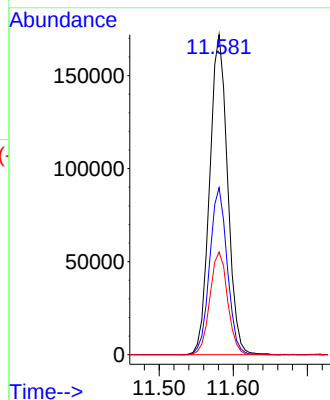
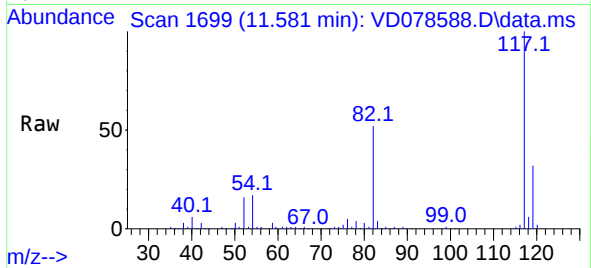




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078588.D
Acq: 04 Mar 2024 15:45

Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC

Tgt Ion:117 Resp: 288710
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 32.1 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: VD078588.D
Acq: 04 Mar 2024 15:45

Tgt Ion:152 Resp: 122456
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 157.4 0.0 353.6

