

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078583.D
 Acq On : 04 Mar 2024 11:56
 Operator : RP/MD
 Sample : VD0304SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBL01

Quant Time: Mar 05 04:12:11 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	125462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	227277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72321	58.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.300%
35) Dibromofluoromethane	7.805	113	77173	52.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.400%
50) Toluene-d8	10.269	98	285471	49.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.569	95	76404	46.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.120%

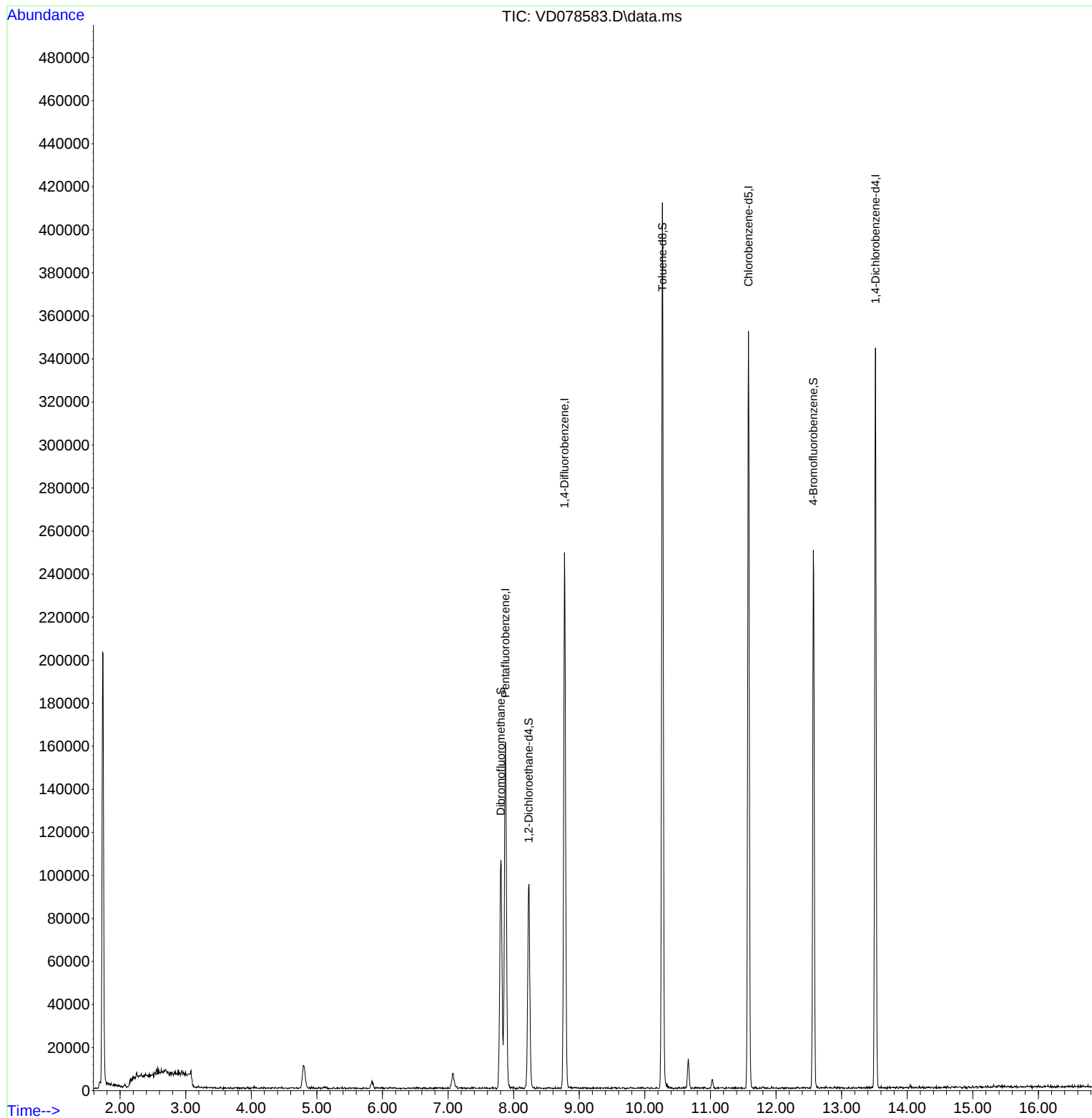
Target Compounds	Qvalue

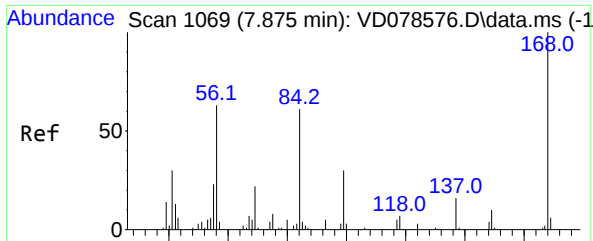
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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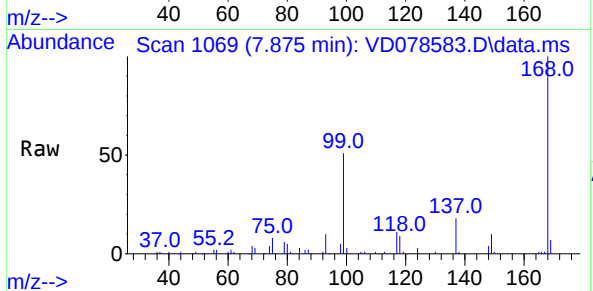
Quant Time: Mar 05 04:12:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
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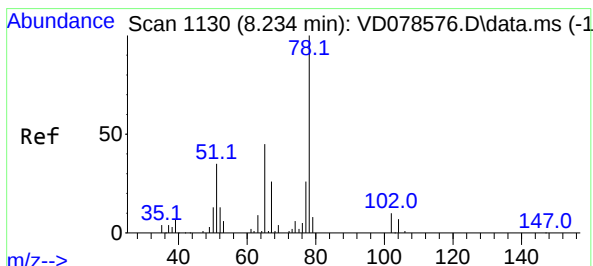
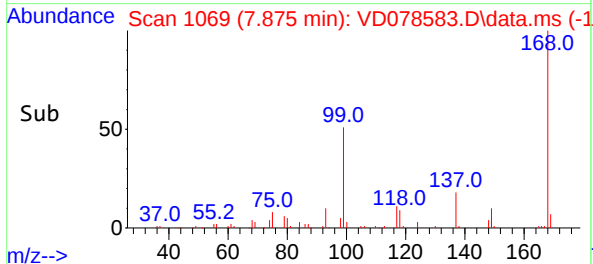
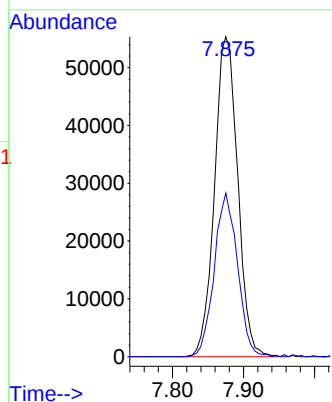


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

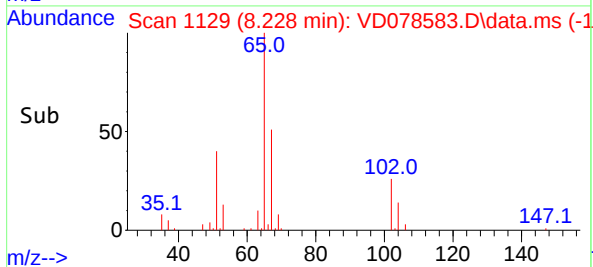
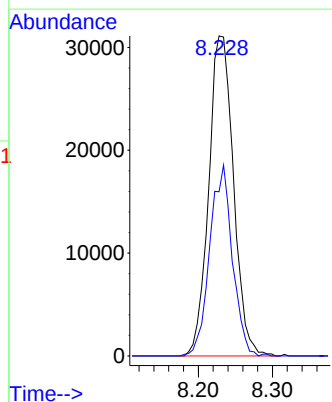
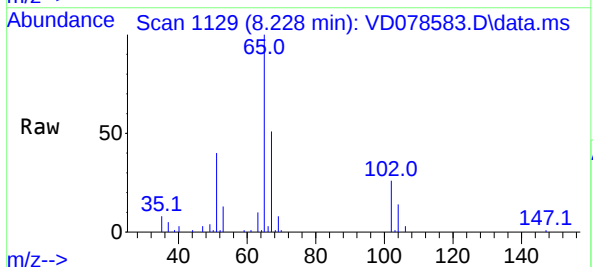


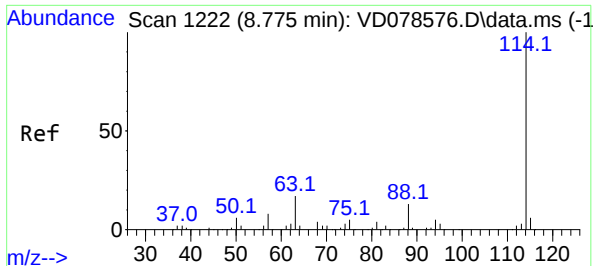
Tgt Ion:168 Resp: 125462
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 58.150 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Tgt Ion: 65 Resp: 72321
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0

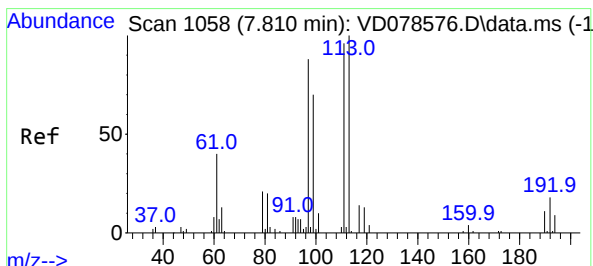
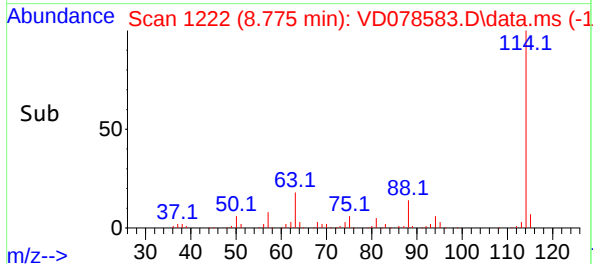
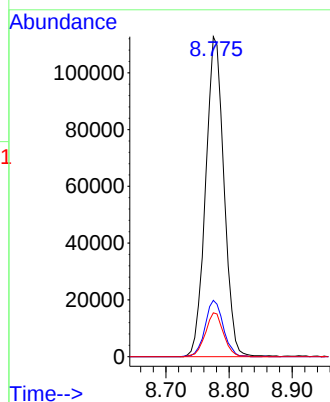
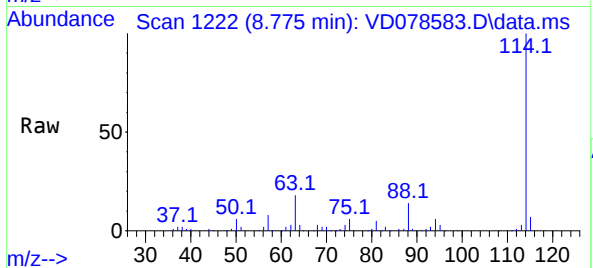




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

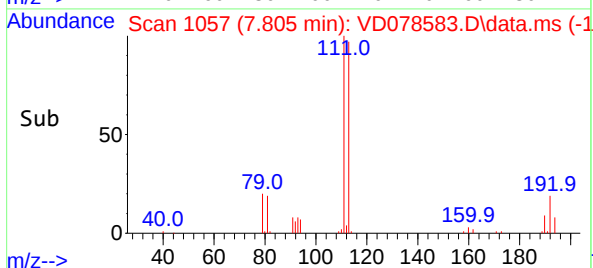
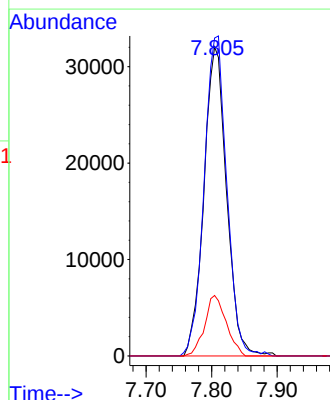
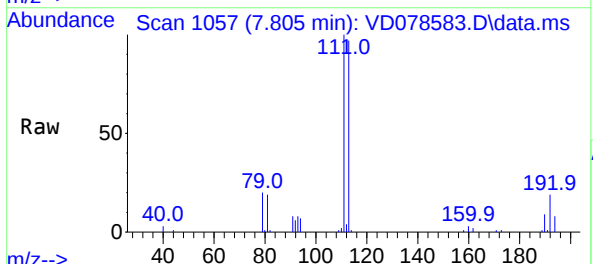
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

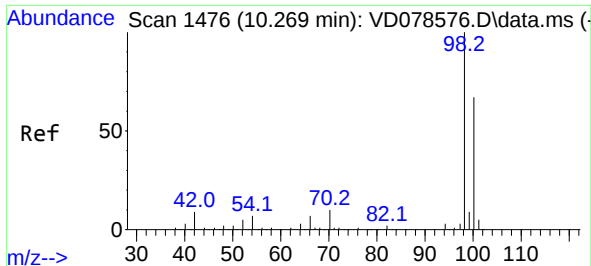
Tgt Ion:114 Resp: 227277
Ion Ratio Lower Upper
114 100
63 17.6 0.0 33.4
88 13.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 52.200 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Tgt Ion:113 Resp: 77173
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 18.6 16.8 25.2

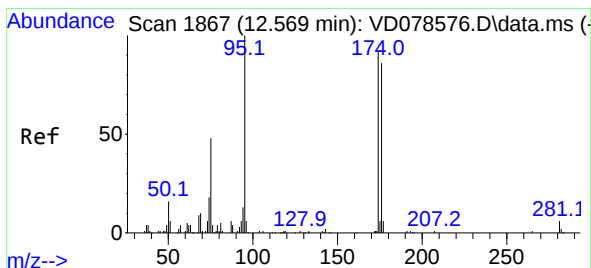
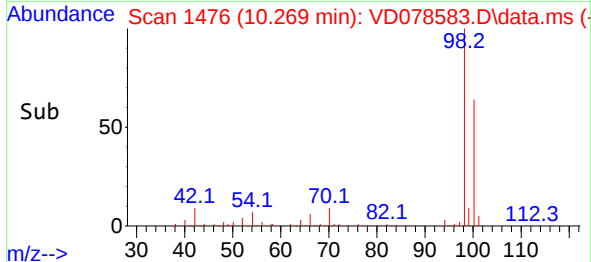
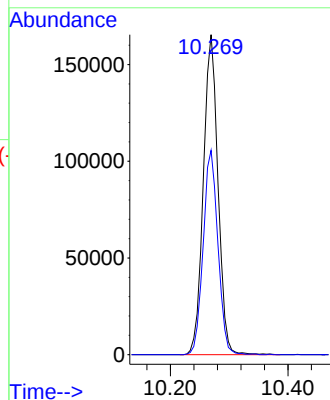
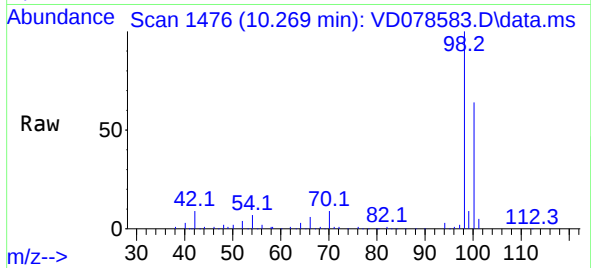




#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

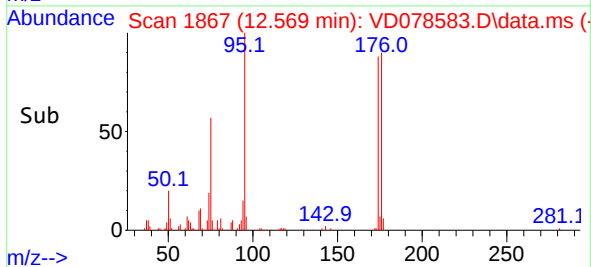
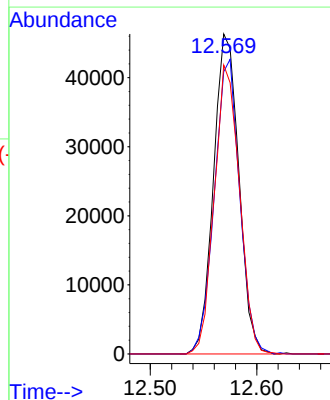
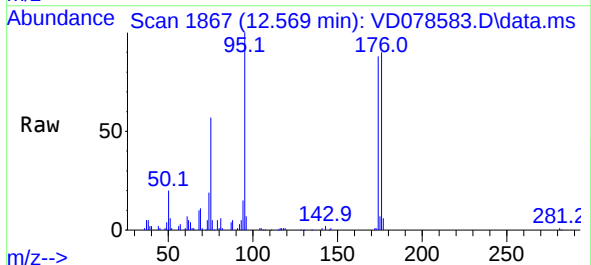
Instrument :
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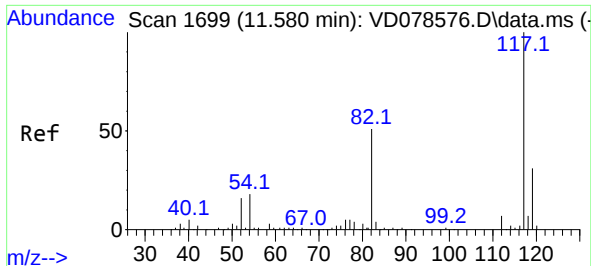
Tgt Ion: 98 Resp: 285471
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.564 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Tgt Ion: 95 Resp: 76404
Ion Ratio Lower Upper
95 100
174 91.9 0.0 201.8
176 89.7 0.0 191.8

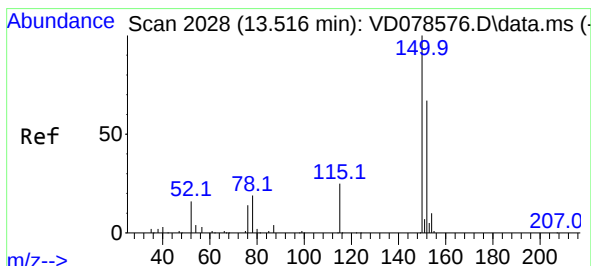
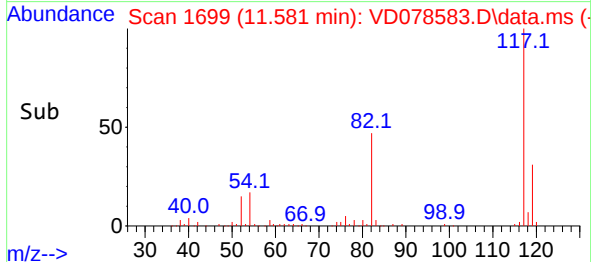
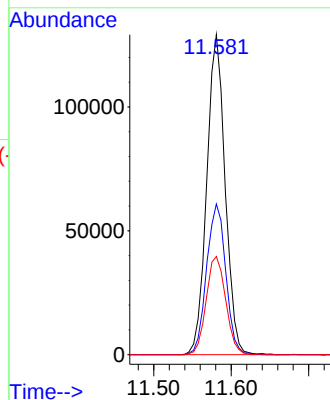
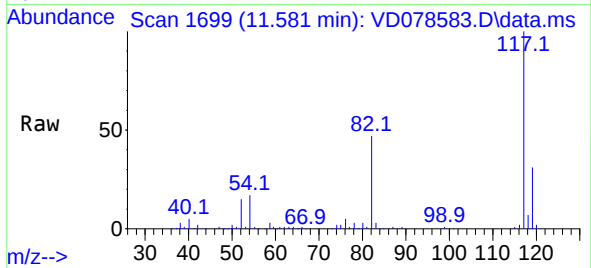




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

Tgt Ion:117 Resp: 212914
Ion Ratio Lower Upper
117 100
82 47.1 38.3 57.5
119 30.7 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: VD078583.D
Acq: 04 Mar 2024 11:56

Tgt Ion:152 Resp: 90929
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 163.7 0.0 353.6

