

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078446.D
 Acq On : 15 Feb 2024 20:01
 Operator : RP/MD
 Sample : P1505-03
 Misc : 4.74G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1S-VOC

Quant Time: Feb 16 02:40:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	149805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	289622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	325108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64894	40.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.120%
35) Dibromofluoromethane	7.805	113	84514	45.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.880%
50) Toluene-d8	10.269	98	364770	49.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.575	95	128598	60.047	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	120.100%

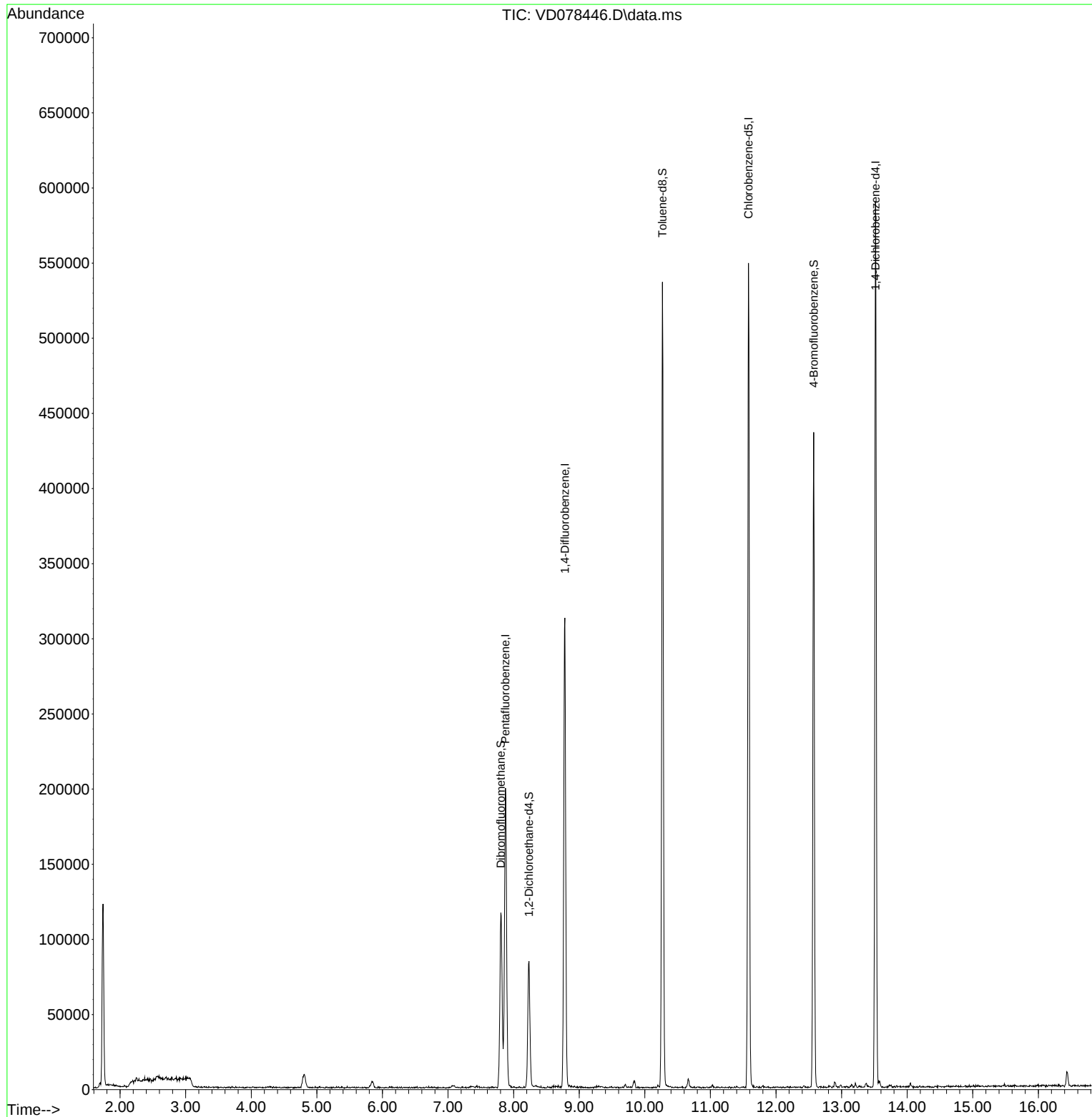
Target Compounds	Qvalue

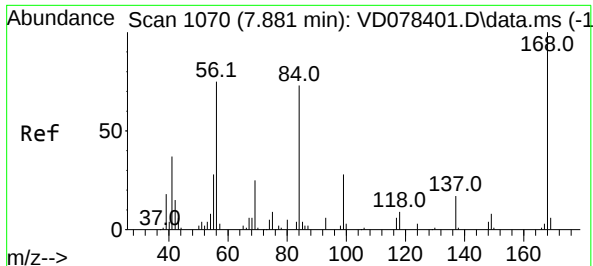
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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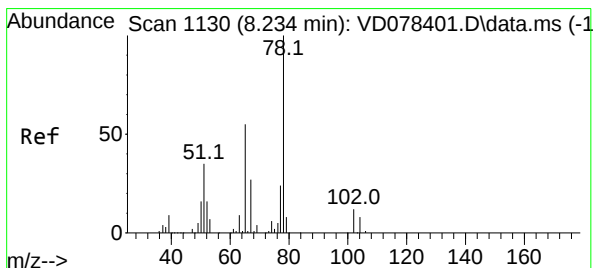
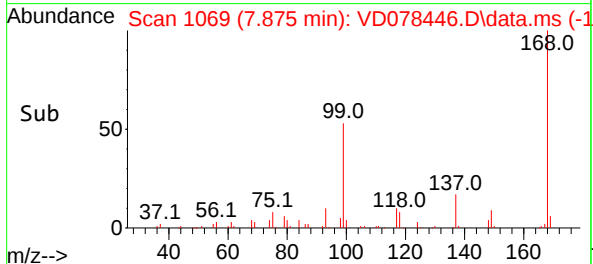
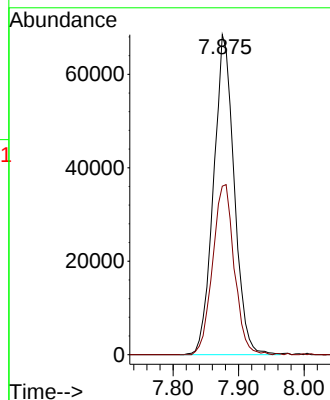
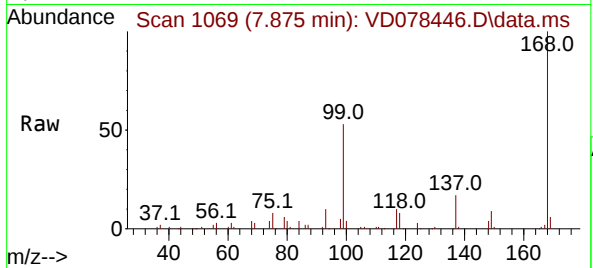




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

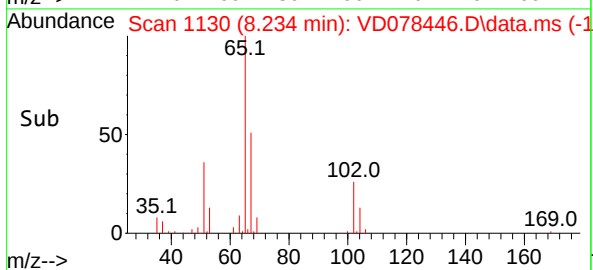
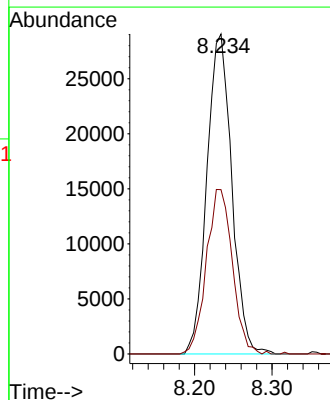
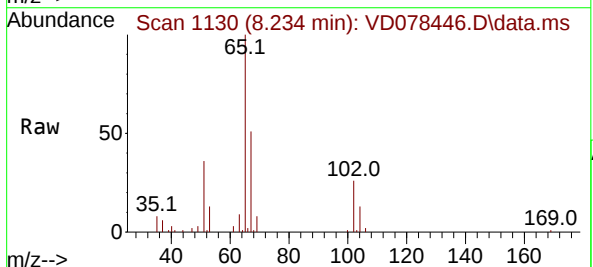
Instrument :
MSVOA_D
ClientSampleId :
WC-1S-VOC

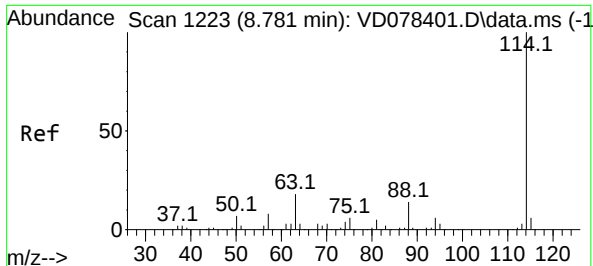
Tgt Ion:168 Resp: 149805
Ion Ratio Lower Upper
168 100
99 52.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 40.064 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

Tgt Ion: 65 Resp: 64894
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0

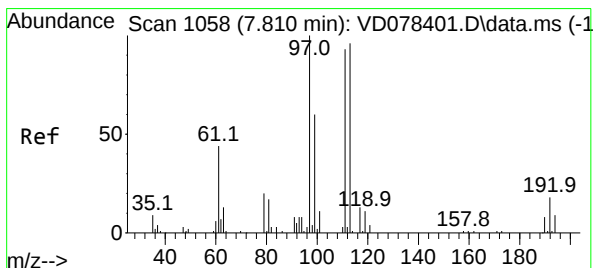
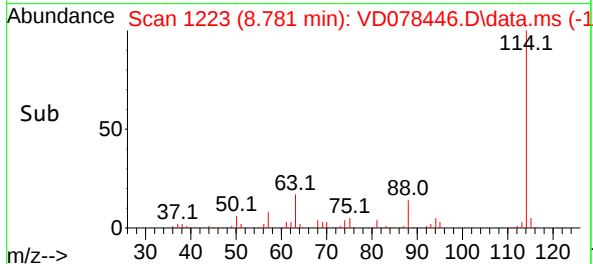
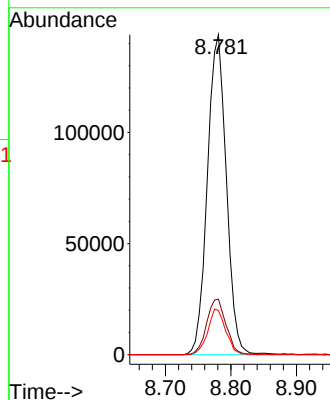
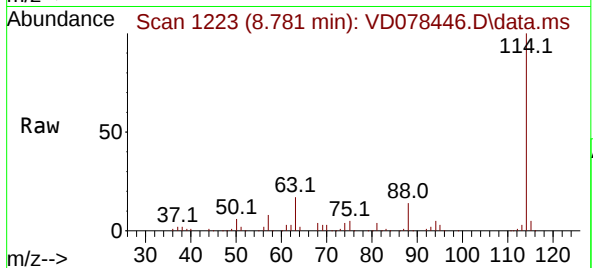




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

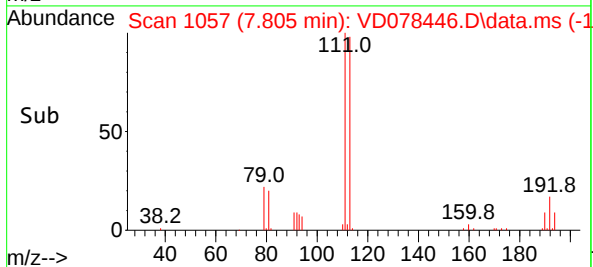
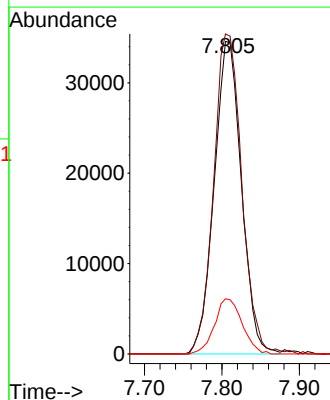
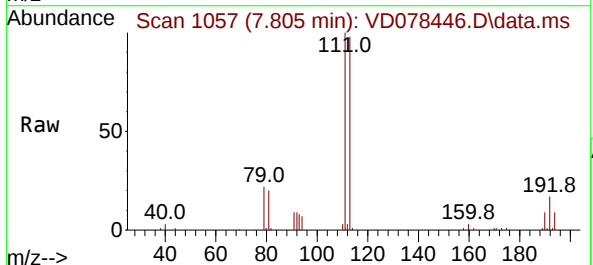
Instrument :
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WC-1S-VOC

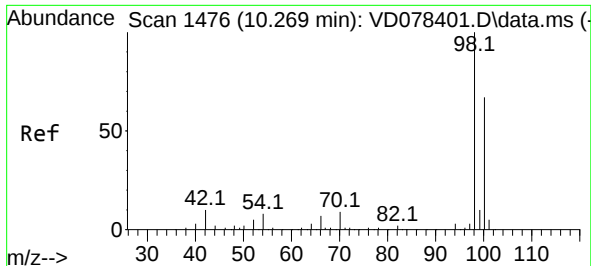
Tgt Ion:114 Resp: 289622
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.4
88 13.8 0.0 26.2



#35
Dibromofluoromethane
Concen: 45.938 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

Tgt Ion:113 Resp: 84514
Ion Ratio Lower Upper
113 100
111 105.6 84.7 127.1
192 17.9 16.8 25.2

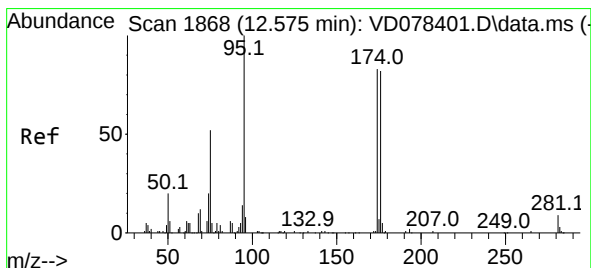
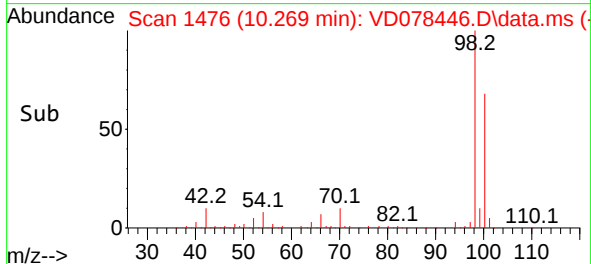
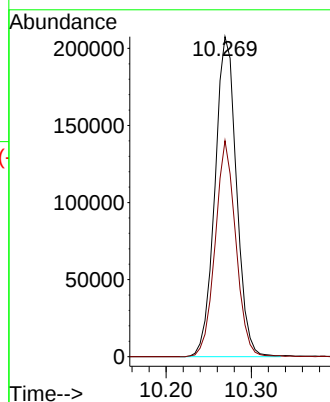
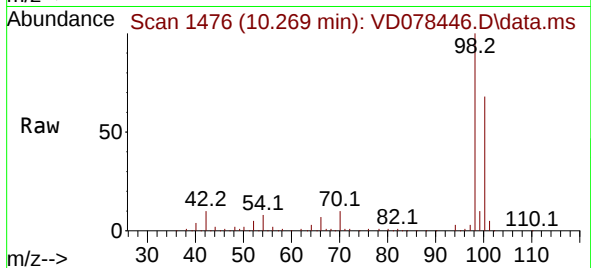




#50
Toluene-d8
Concen: 49.565 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

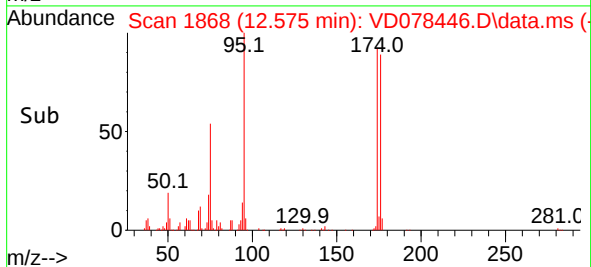
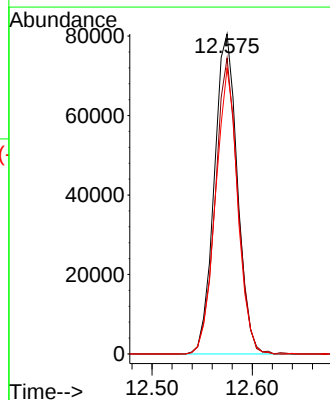
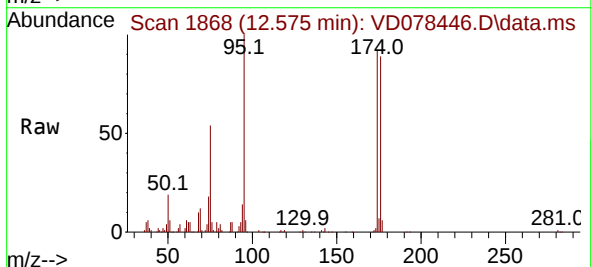
Instrument :
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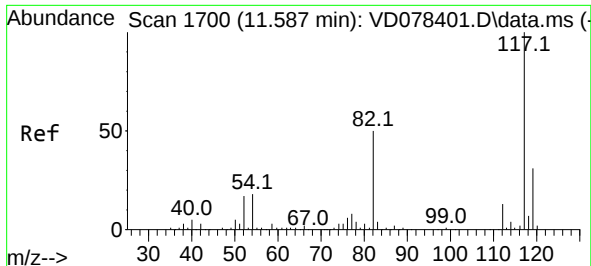
Tgt Ion: 98 Resp: 364770
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 60.047 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

Tgt Ion: 95 Resp: 128598
Ion Ratio Lower Upper
95 100
174 89.9 0.0 201.8
176 86.1 0.0 191.8

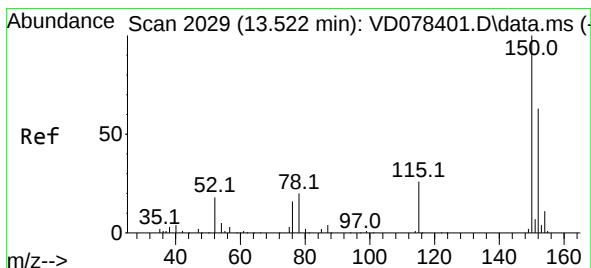
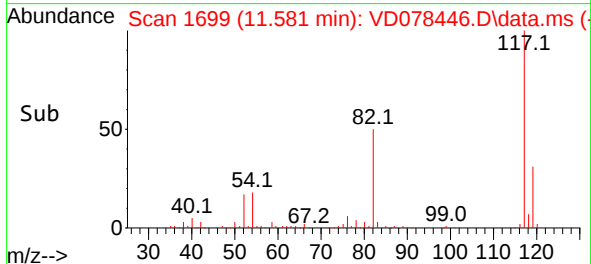
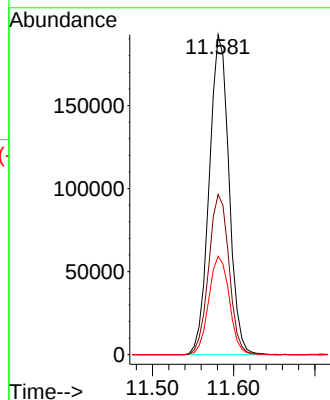
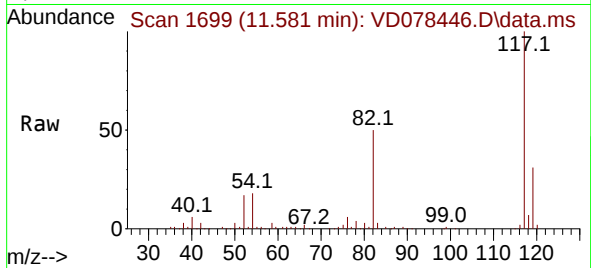




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

Instrument :
MSVOA_D
ClientSampleId :
WC-1S-VOC

Tgt Ion:117 Resp: 325108
Ion Ratio Lower Upper
117 100
82 50.0 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. -0.006 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

Tgt Ion:152 Resp: 155171
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 158.2 0.0 353.6

