

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078443.D
 Acq On : 15 Feb 2024 18:37
 Operator : RP/MD
 Sample : P1505-15
 Misc : 4.72G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2D-VOC

Quant Time: Feb 16 02:39:19 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	7.881	168	163059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	301861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	346277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	169097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64889	36.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.600%
35) Dibromofluoromethane	7.810	113	87939	45.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.720%
50) Toluene-d8	10.269	98	391618	51.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.120%
62) 4-Bromofluorobenzene	12.569	95	137819	61.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	123.480%

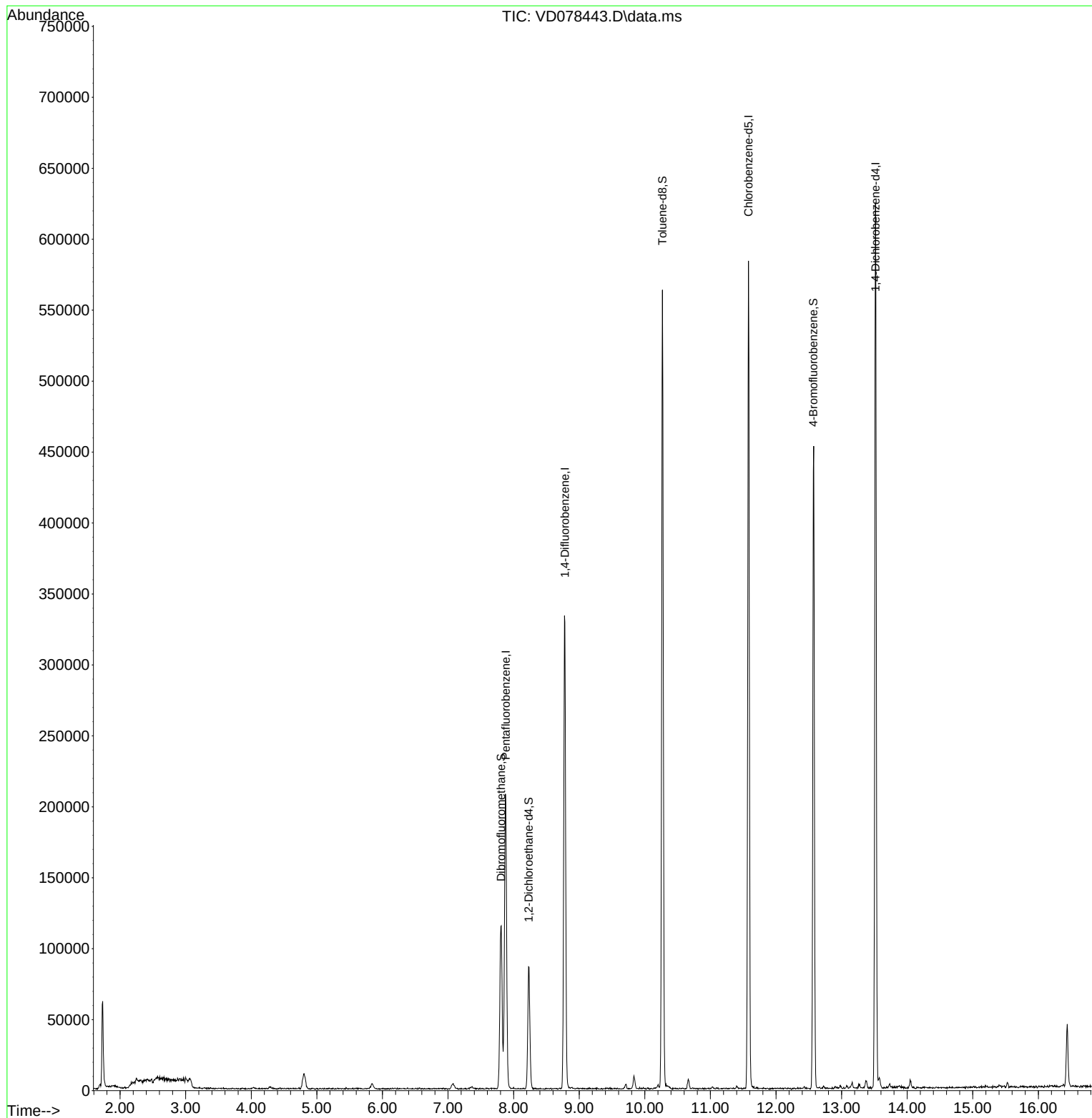
Target Compounds	Qvalue

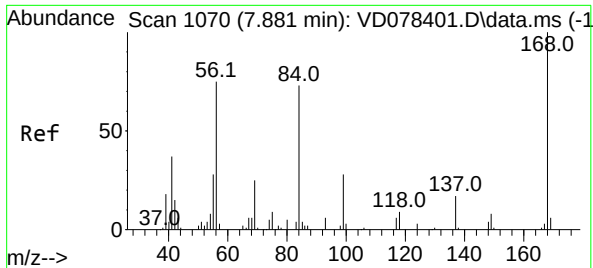
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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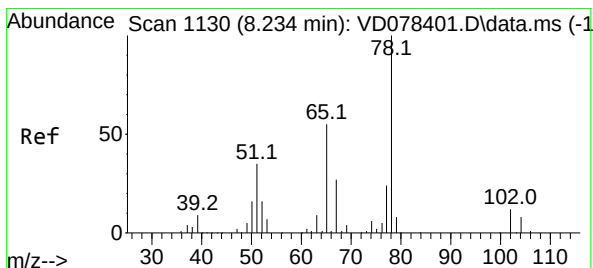
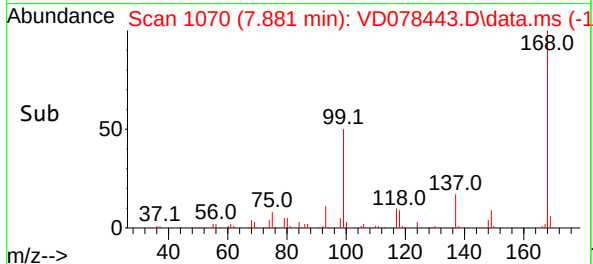
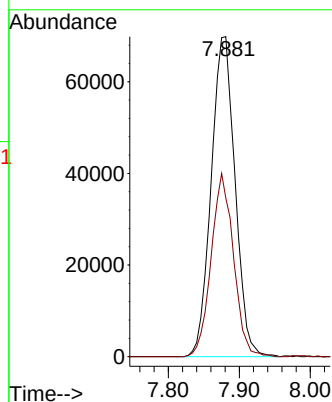
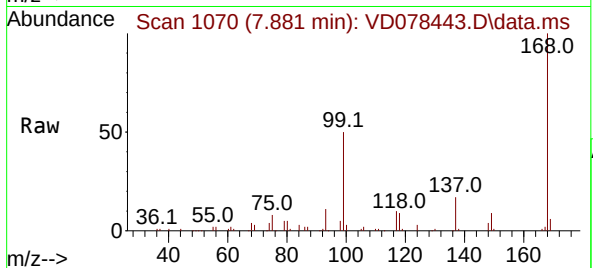




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078443.D
Acq: 15 Feb 2024 18:37

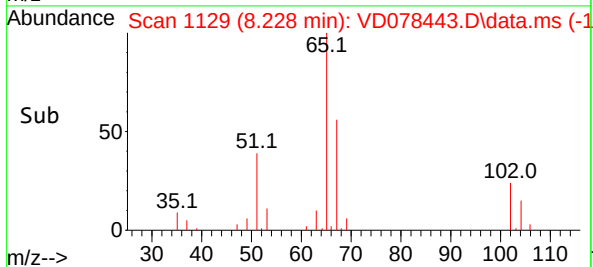
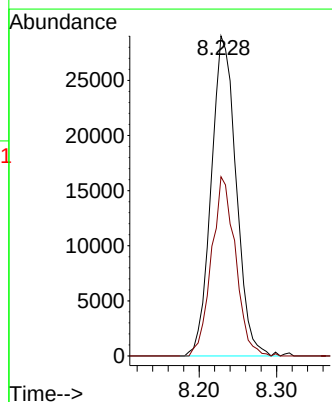
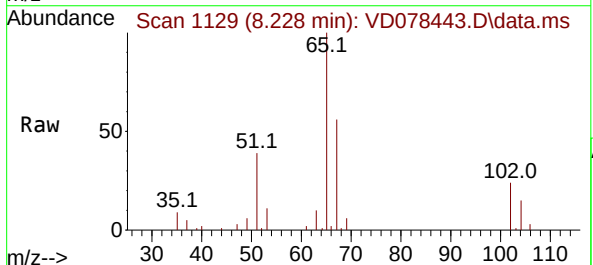
Instrument :
MSVOA_D
ClientSampleId :
WC-2D-VOC

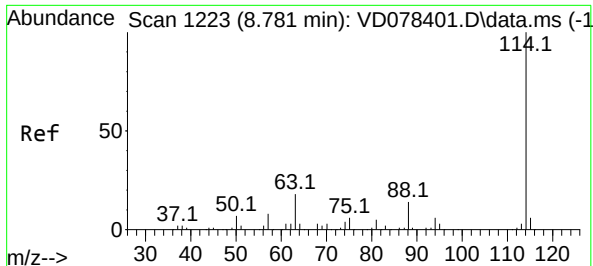
Tgt Ion:168 Resp: 163059
Ion Ratio Lower Upper
168 100
99 49.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 36.805 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078443.D
Acq: 15 Feb 2024 18:37

Tgt Ion: 65 Resp: 64889
Ion Ratio Lower Upper
65 100
67 53.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078443.D

Acq: 15 Feb 2024 18:37

Instrument :

MSVOA_D

ClientSampleId :

WC-2D-VOC

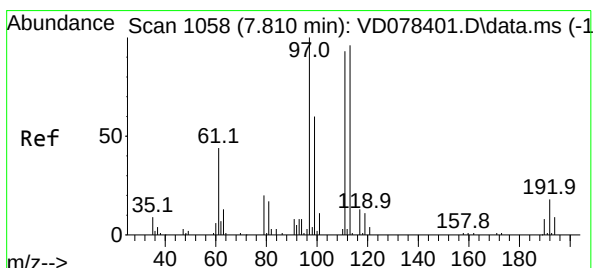
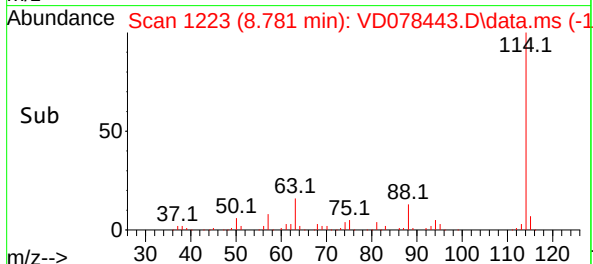
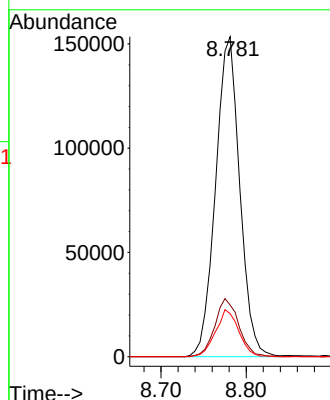
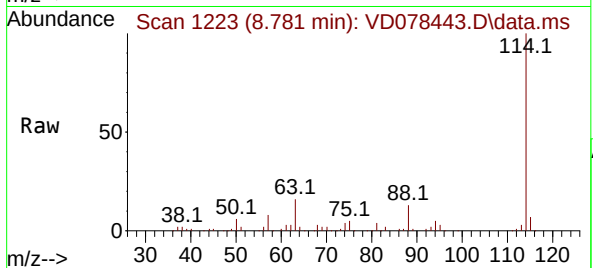
Tgt Ion:114 Resp: 301861

Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.862 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078443.D

Acq: 15 Feb 2024 18:37

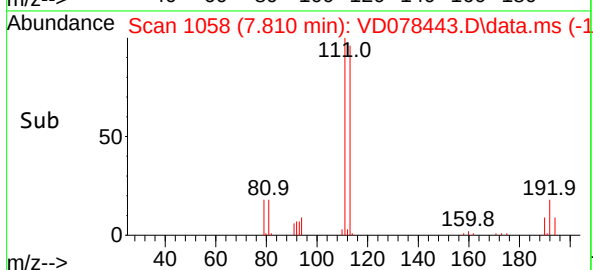
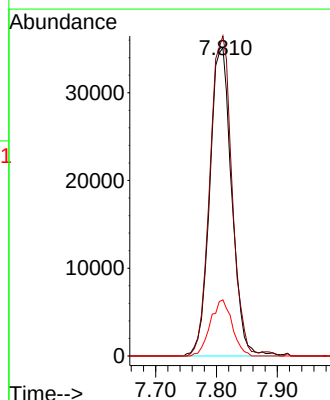
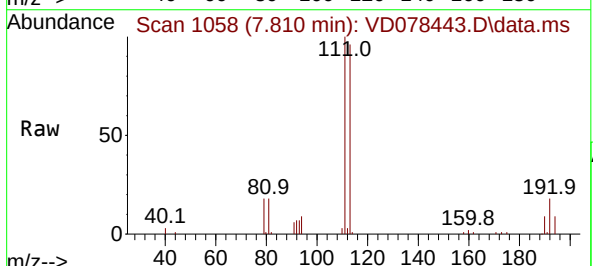
Tgt Ion:113 Resp: 87939

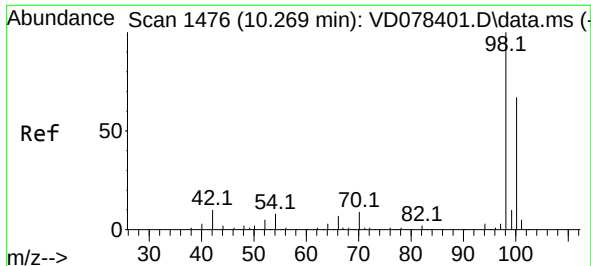
Ion Ratio Lower Upper

113 100

111 104.2 84.7 127.1

192 18.1 16.8 25.2

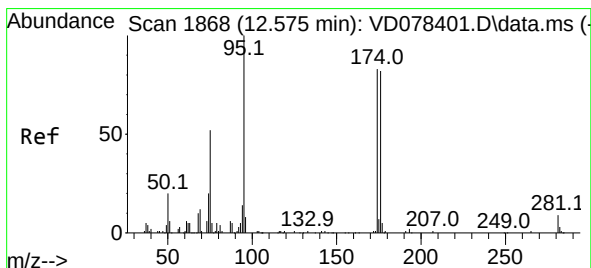
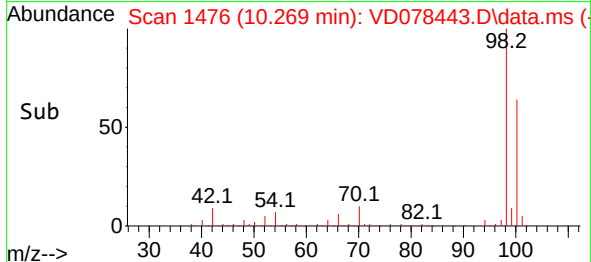
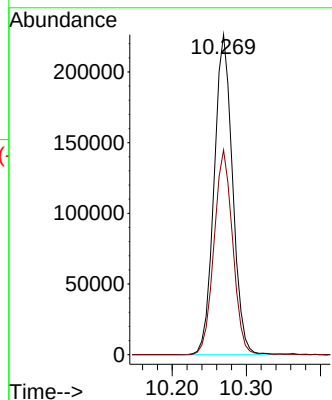
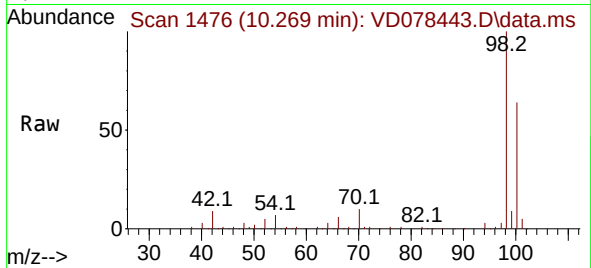




#50
Toluene-d8
Concen: 51.056 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078443.D
Acq: 15 Feb 2024 18:37

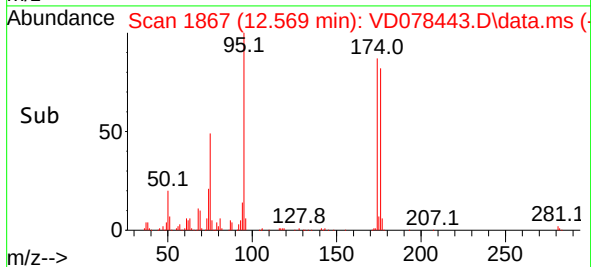
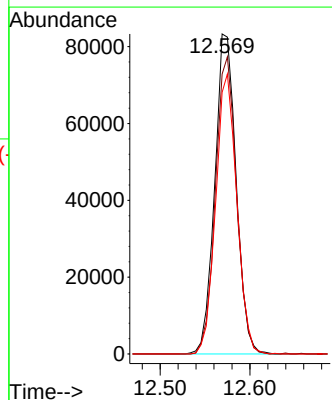
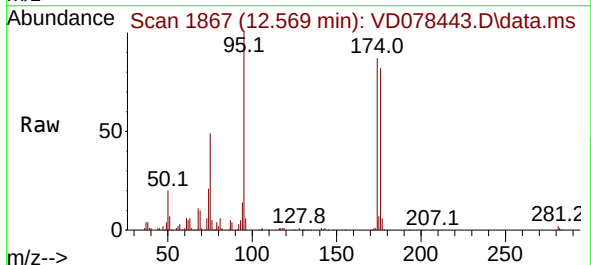
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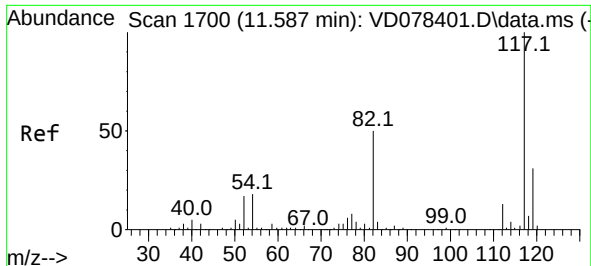
Tgt Ion: 98 Resp: 391618
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 61.743 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078443.D
Acq: 15 Feb 2024 18:37

Tgt Ion: 95 Resp: 137819
Ion Ratio Lower Upper
95 100
174 91.2 0.0 201.8
176 86.3 0.0 191.8

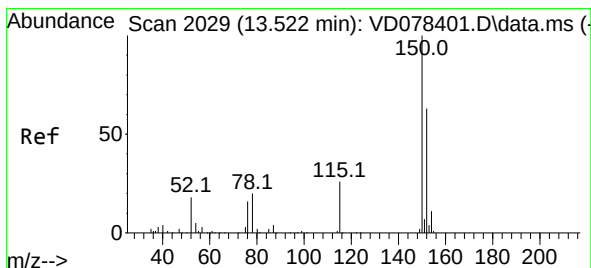
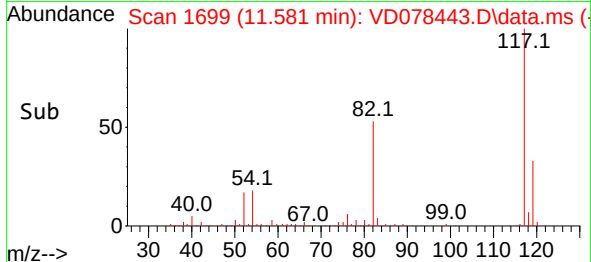
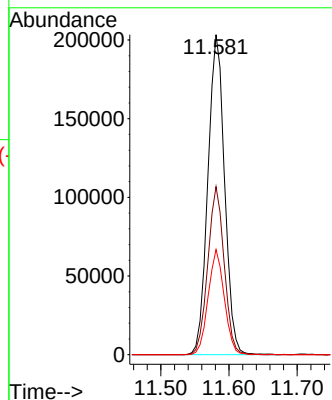
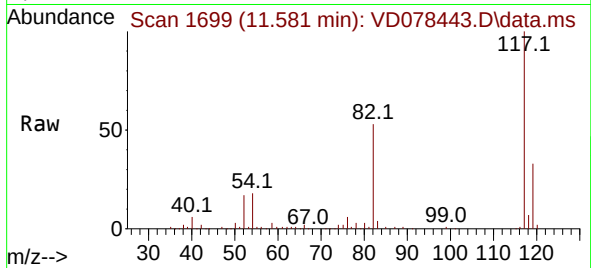




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078443.D
Acq: 15 Feb 2024 18:37

Instrument :
MSVOA_D
ClientSampleId :
WC-2D-VOC

Tgt Ion:117 Resp: 346277
Ion Ratio Lower Upper
117 100
82 52.5 38.3 57.5
119 32.9 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: VD078443.D
Acq: 15 Feb 2024 18:37

Tgt Ion:152 Resp: 169097
Ion Ratio Lower Upper
152 100
115 57.3 27.1 81.3
150 154.6 0.0 353.6

