

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080347.D
 Acq On : 15 May 2025 14:40
 Operator : RP/MD
 Sample : Q2034-03
 Misc : 4.81G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 L3-WC-1-VOC

Quant Time: May 16 02:57:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	96563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	194277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	186022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	84647	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	59143	47.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.720%
35) Dibromofluoromethane	7.805	113	69003	52.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.980%
50) Toluene-d8	10.270	98	258328	50.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.570	95	71316	43.308	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.620%

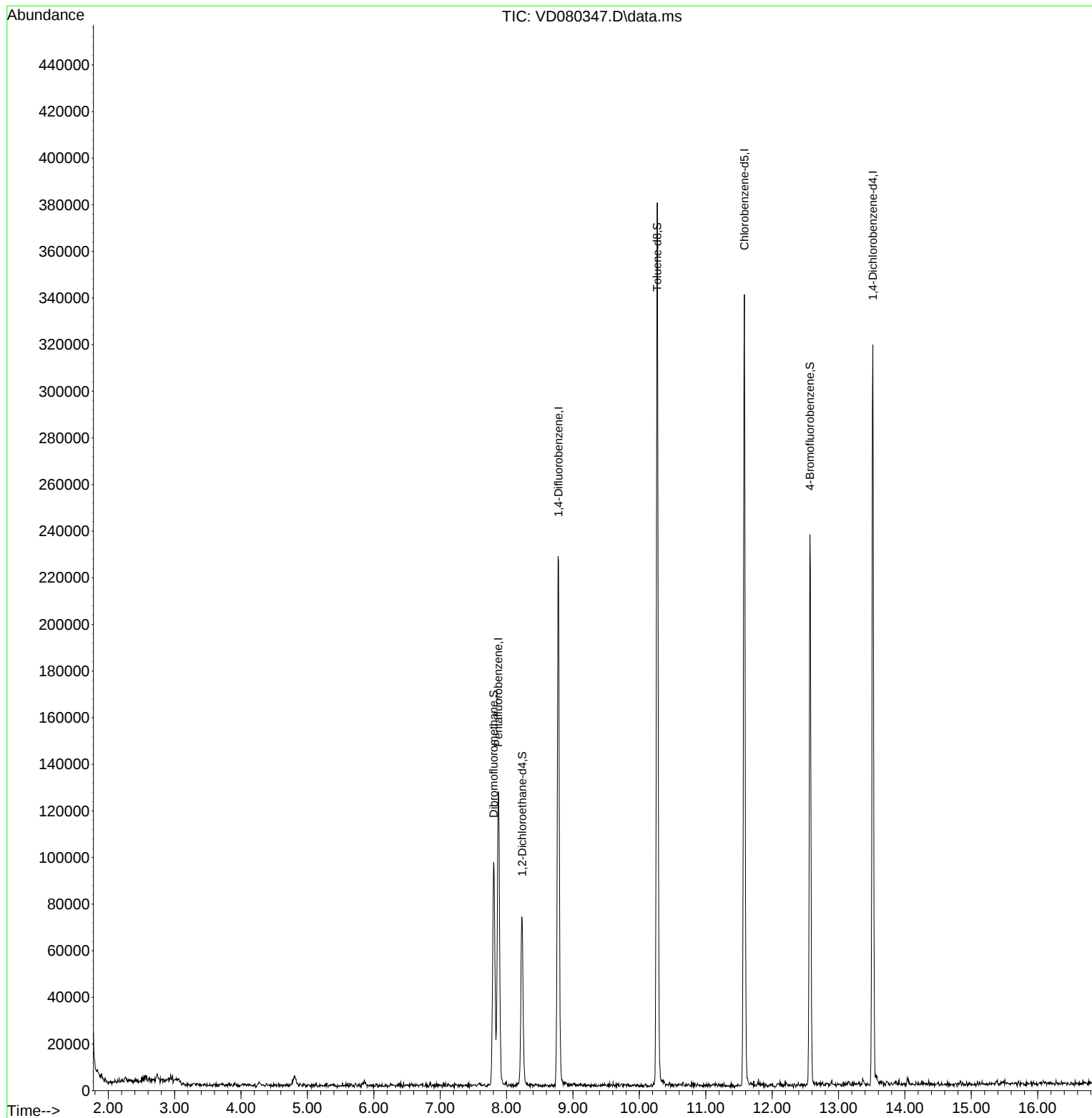
Target Compounds	Qvalue

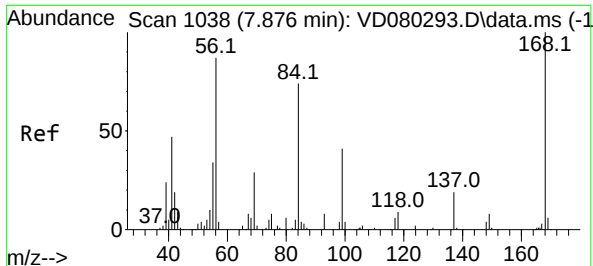
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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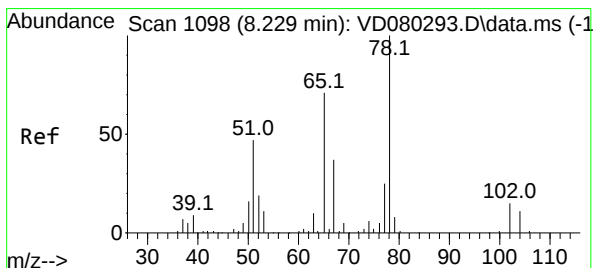
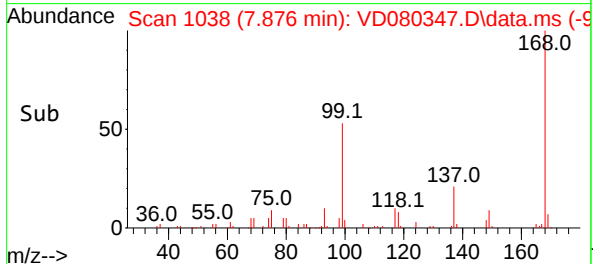
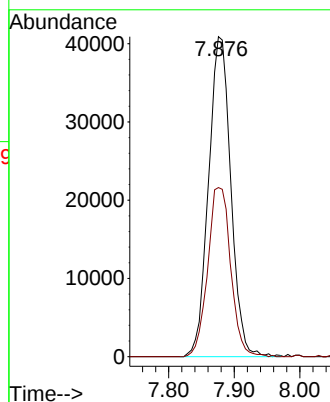
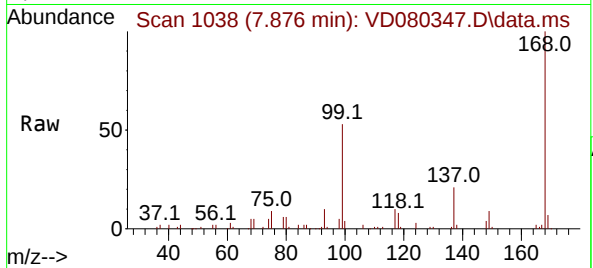




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

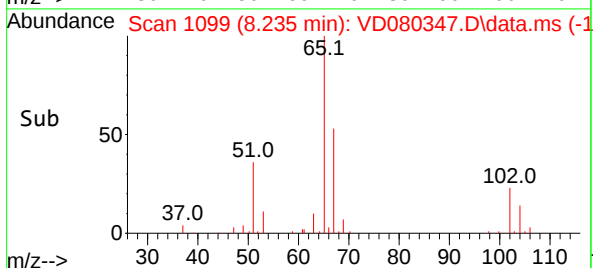
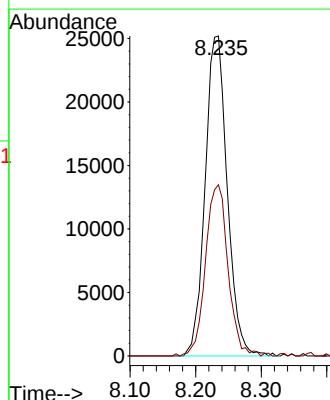
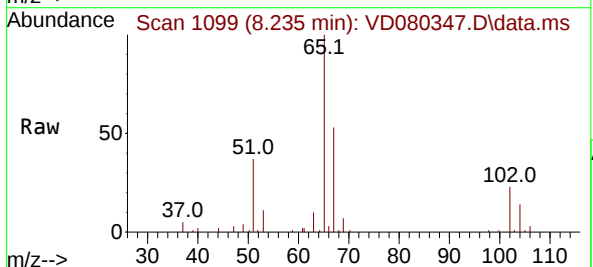
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-1-VOC

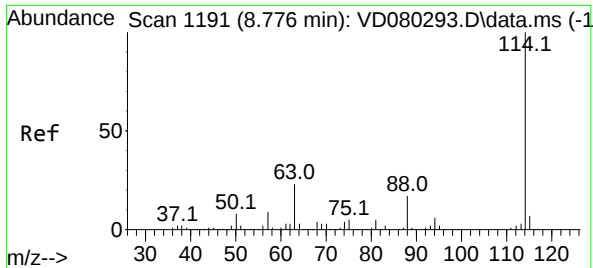
Tgt Ion:168 Resp: 96563
Ion Ratio Lower Upper
168 100
99 52.8 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 47.363 ug/l
RT: 8.235 min Scan# 1099
Delta R.T. 0.007 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Tgt Ion: 65 Resp: 59143
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.2

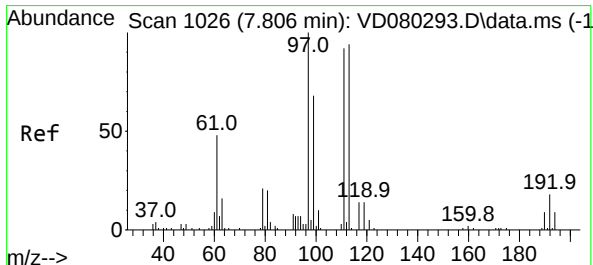
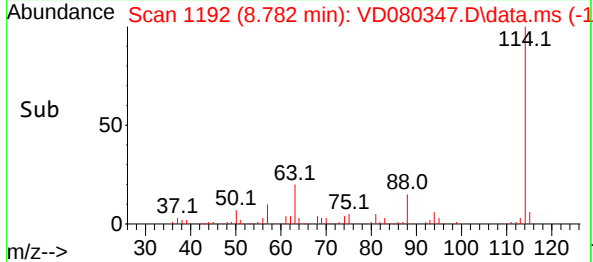
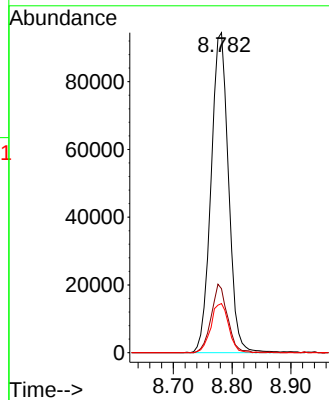
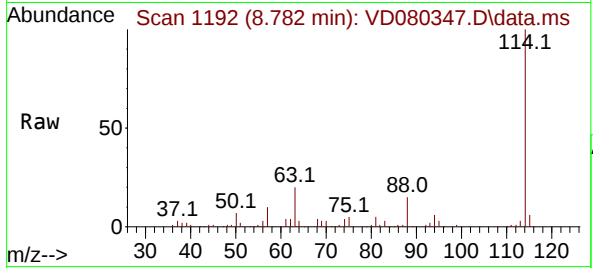




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.782 min Scan# 1191
Delta R.T. 0.007 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

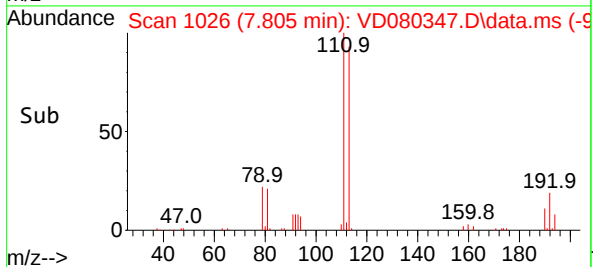
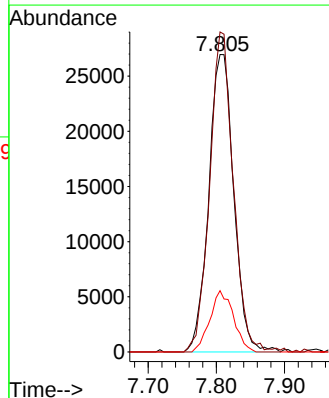
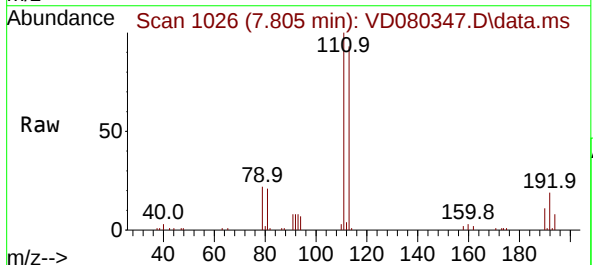
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ClientSampleId :
L3-WC-1-VOC

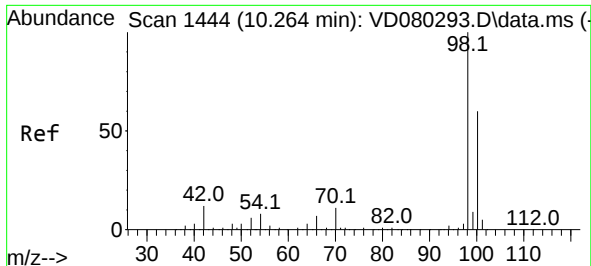
Tgt Ion:	114	Resp:	194277
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.8
88	15.4	0.0	30.6



#35
Dibromofluoromethane
Concen: 52.993 ug/l
RT: 7.805 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Tgt Ion:	113	Resp:	69003
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.5	123.7
192	19.4	16.6	25.0

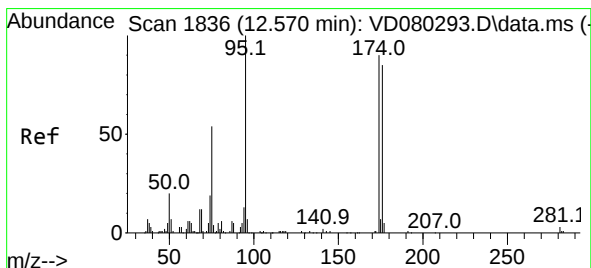
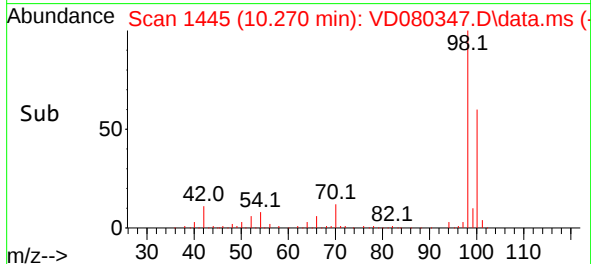
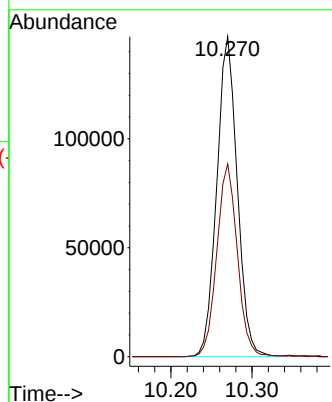
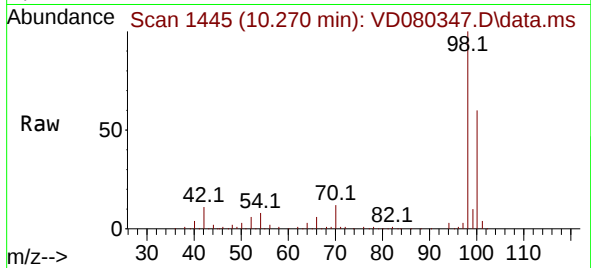




#50
Toluene-d8
Concen: 50.351 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

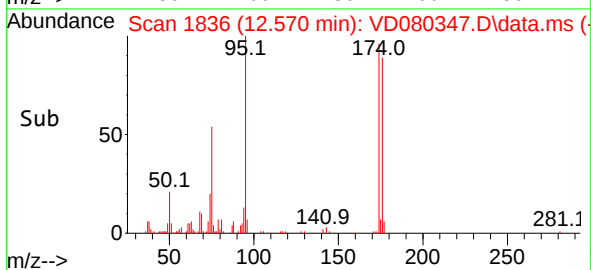
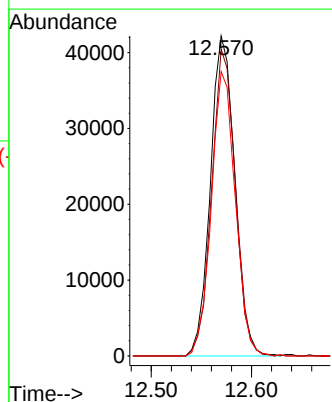
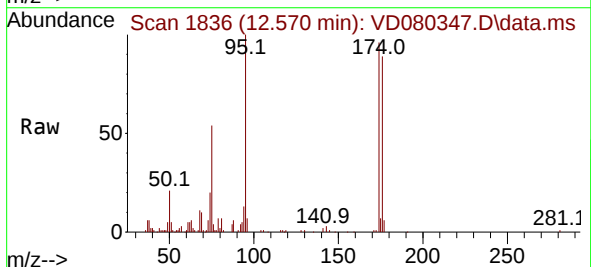
Instrument :
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ClientSampleId :
L3-WC-1-VOC

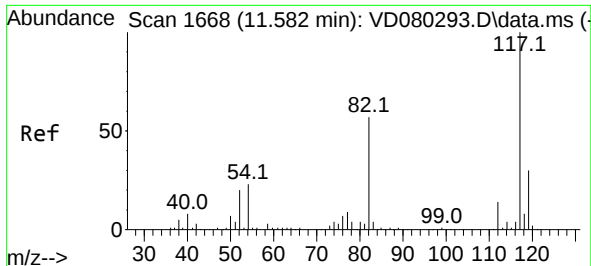
Tgt Ion: 98 Resp: 258328
Ion Ratio Lower Upper
98 100
100 60.4 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 43.308 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Tgt Ion: 95 Resp: 71316
Ion Ratio Lower Upper
95 100
174 93.5 0.0 173.4
176 87.4 0.0 166.6

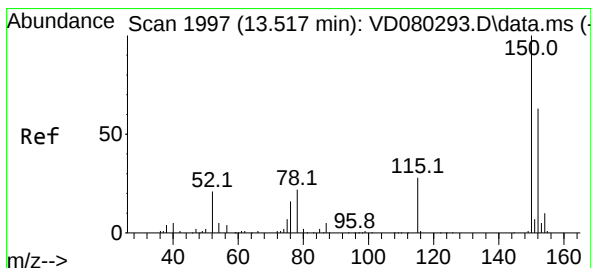
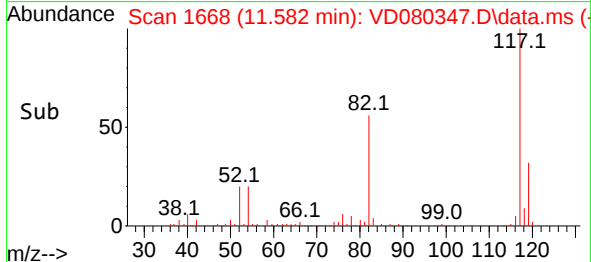
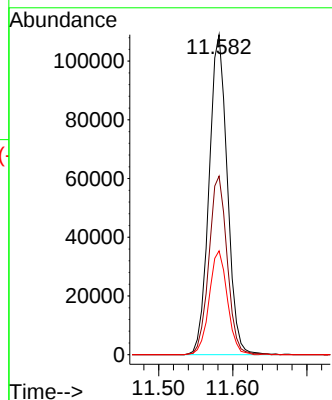
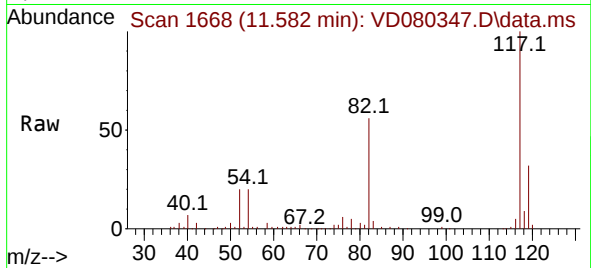




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Instrument :
MSVOA_D
ClientSampleId :
L3-WC-1-VOC

Tgt Ion:117 Resp: 186022
Ion Ratio Lower Upper
117 100
82 55.8 45.8 68.6
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Tgt Ion:152 Resp: 84647
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.8
150 156.6 0.0 354.8

