

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080329.D
 Acq On : 14 May 2025 18:22
 Operator : RP/MD
 Sample : Q2020-03
 Misc : 6.17G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A-VOC

Quant Time: May 15 03:38:23 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)

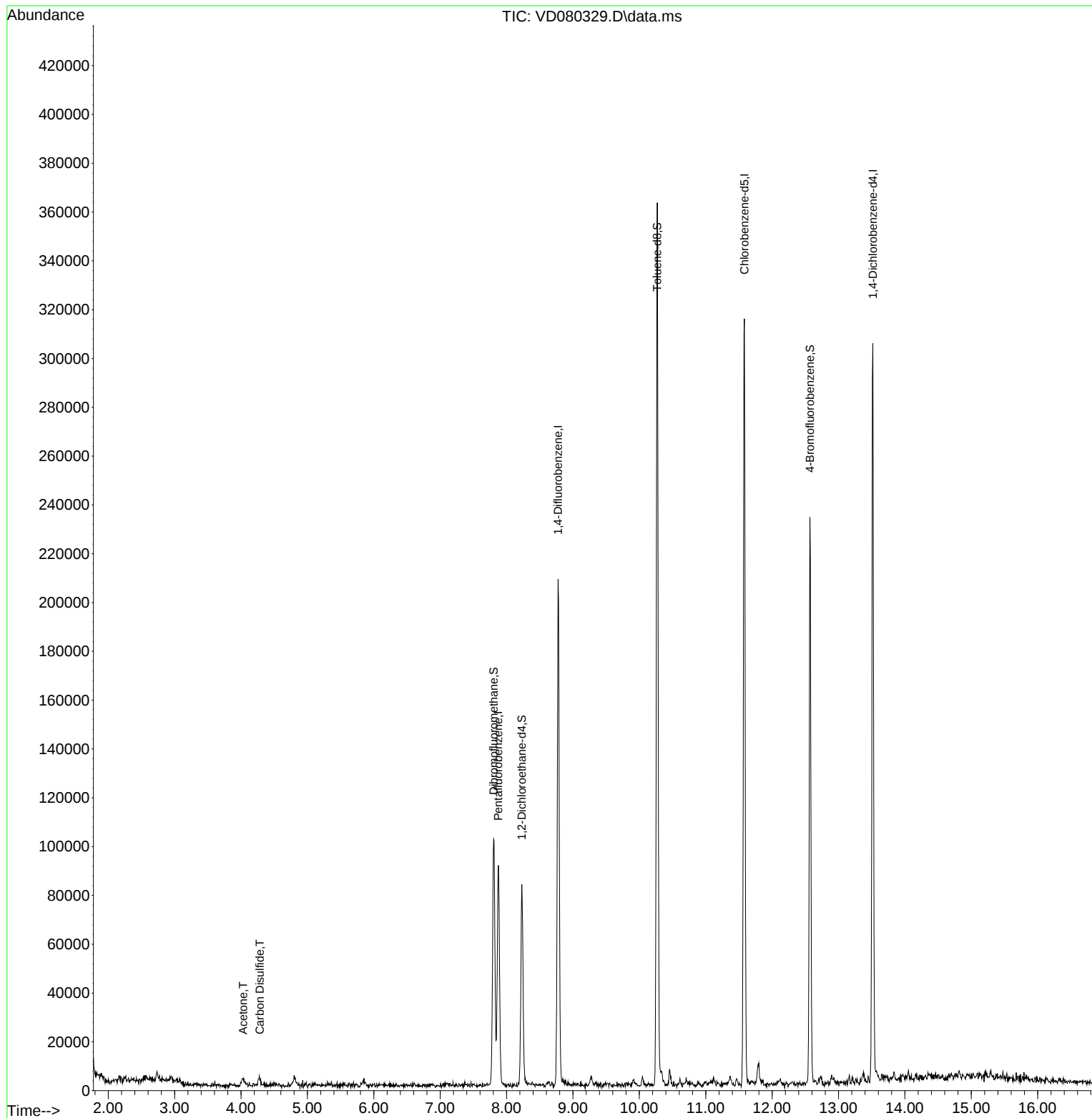
Internal Standards						
1) Pentafluorobenzene	7.876	168	68787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	176424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	179783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	82597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	65309	73.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.840%
35) Dibromofluoromethane	7.806	113	72112	60.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.960%
50) Toluene-d8	10.270	98	246801	52.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.940%
62) 4-Bromofluorobenzene	12.570	95	70513	47.153	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.300%
Target Compounds						
16) Acetone	4.029	43	5946	26.550	ug/l	95
17) Carbon Disulfide	4.282	76	5724	1.979	ug/l #	81

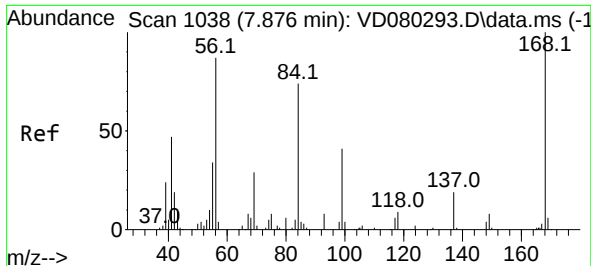
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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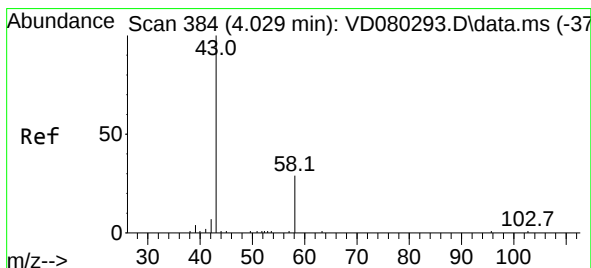
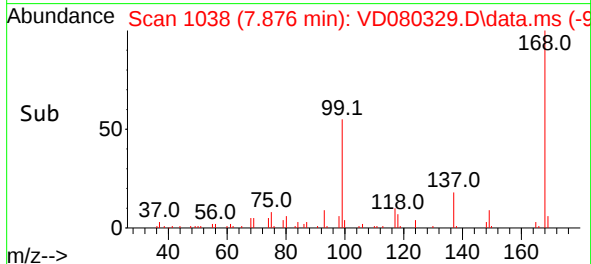
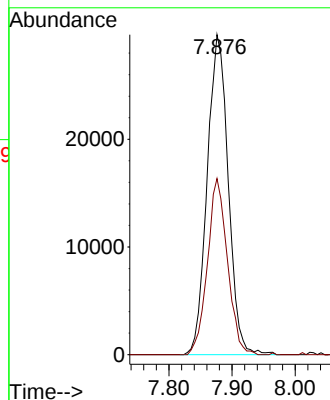
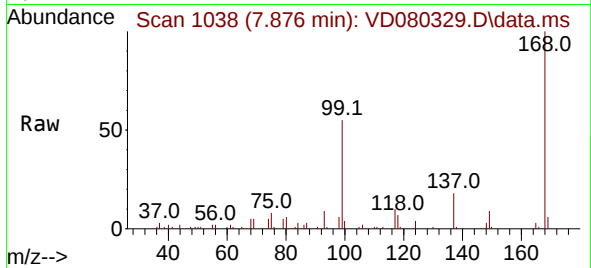




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080329.D
Acq: 14 May 2025 18:22

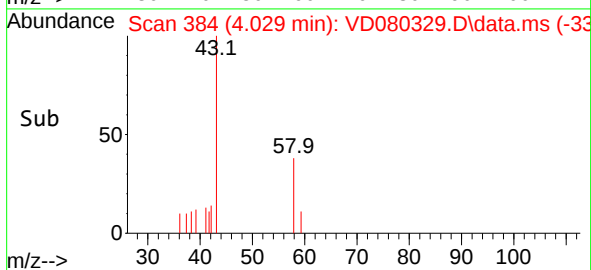
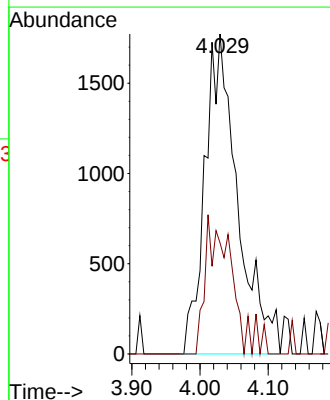
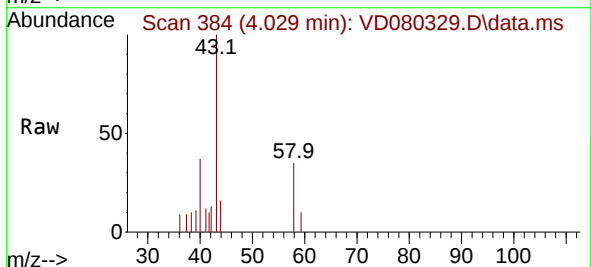
Instrument :
MSVOA_D
ClientSampleId :
TP-A-VOC

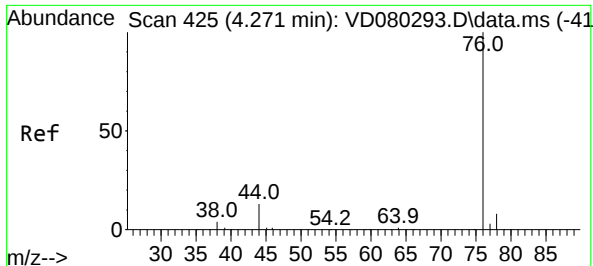
Tgt Ion:168 Resp: 68787
Ion Ratio Lower Upper
168 100
99 55.0 46.0 69.0



#16
Acetone
Concen: 26.550 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080329.D
Acq: 14 May 2025 18:22

Tgt Ion: 43 Resp: 5946
Ion Ratio Lower Upper
43 100
58 34.7 25.4 38.2

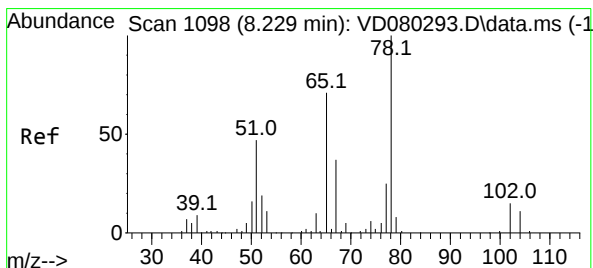
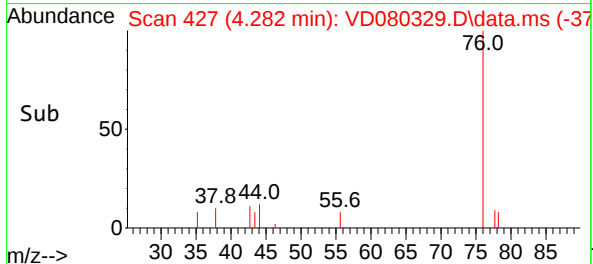
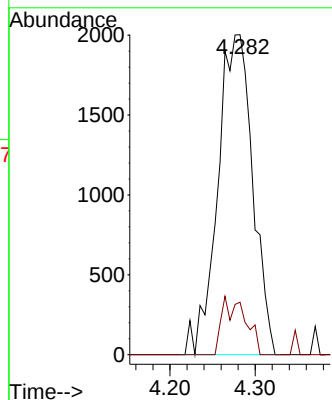
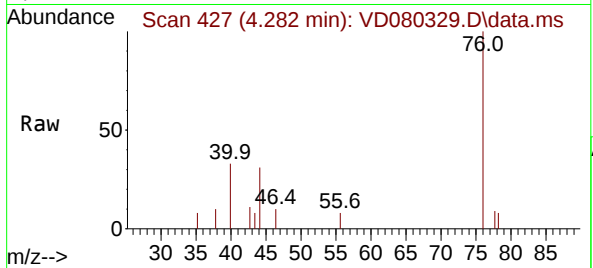




#17
Carbon Disulfide
Concen: 1.979 ug/l
RT: 4.282 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD080329.D
Acq: 14 May 2025 18:22

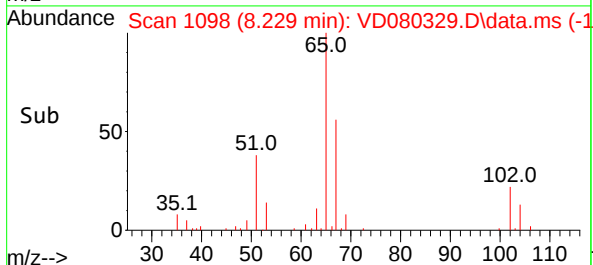
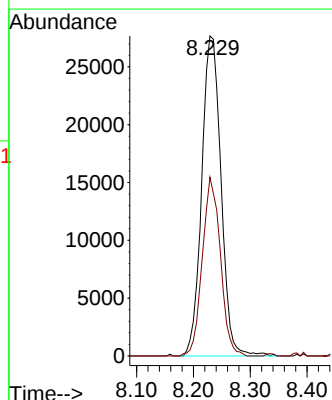
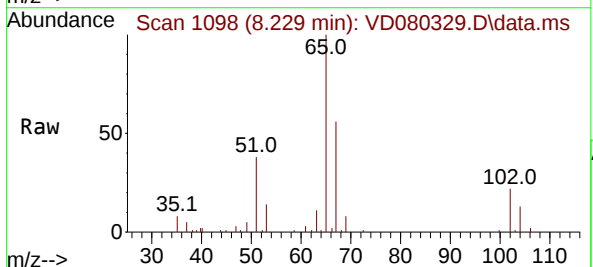
Instrument :
MSVOA_D
ClientSampleId :
TP-A-VOC

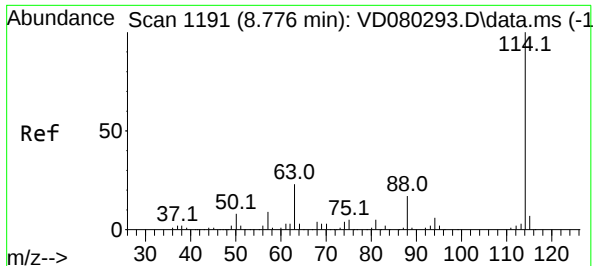
Tgt Ion: 76 Resp: 5724
Ion Ratio Lower Upper
76 100
78 16.4 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 73.419 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080329.D
Acq: 14 May 2025 18:22

Tgt Ion: 65 Resp: 65309
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.001 min

Lab File: VD080329.D

Acq: 14 May 2025 18:22

Instrument :

MSVOA_D

ClientSampleId :

TP-A-VOC

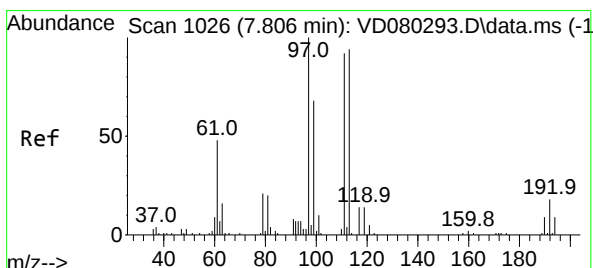
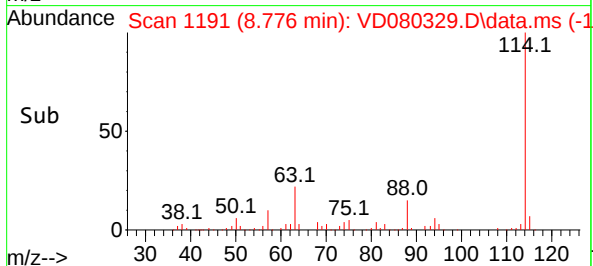
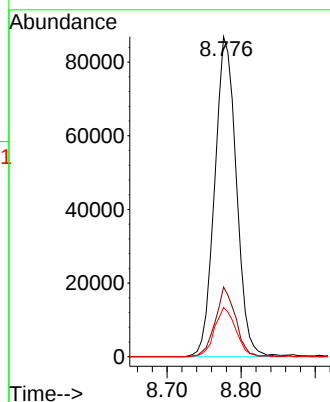
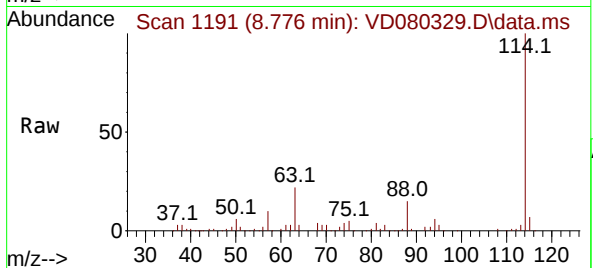
Tgt Ion:114 Resp: 176424

Ion Ratio Lower Upper

114 100

63 21.8 0.0 38.8

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 60.985 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.001 min

Lab File: VD080329.D

Acq: 14 May 2025 18:22

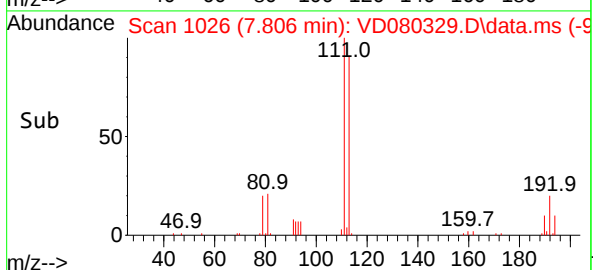
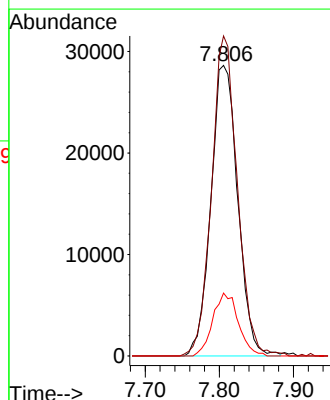
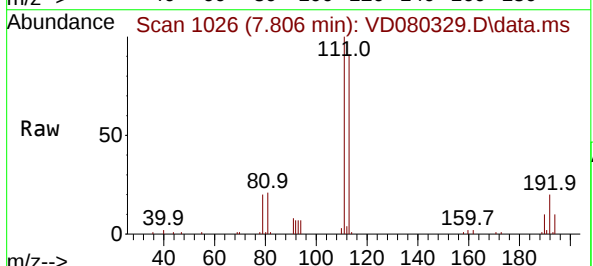
Tgt Ion:113 Resp: 72112

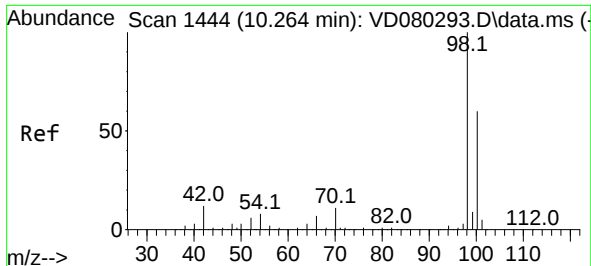
Ion Ratio Lower Upper

113 100

111 105.5 82.5 123.7

192 20.6 16.6 25.0

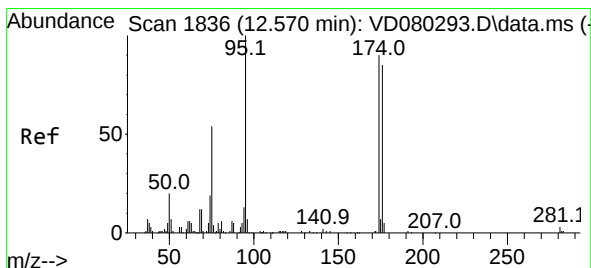
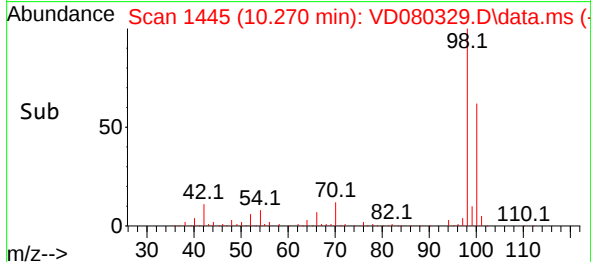
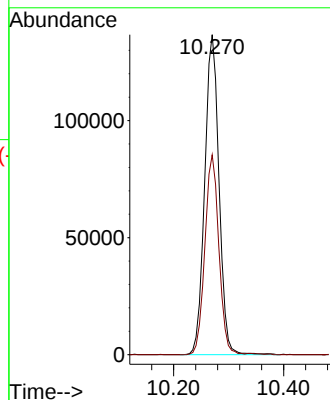
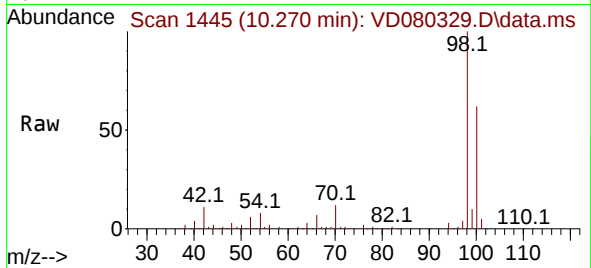




#50
Toluene-d8
Concen: 52.973 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080329.D
Acq: 14 May 2025 18:22

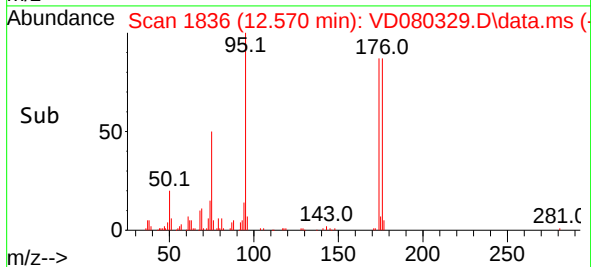
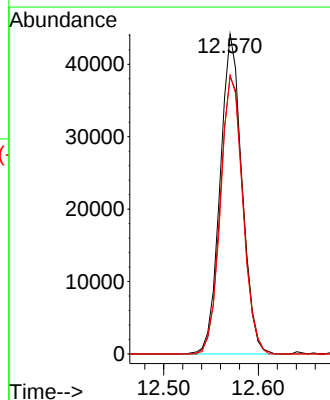
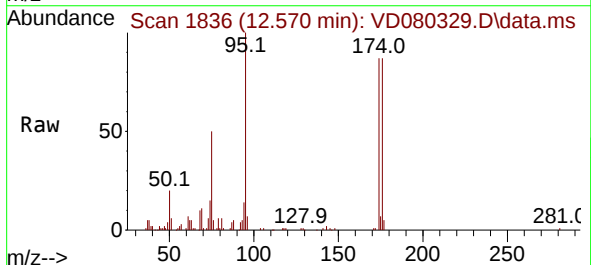
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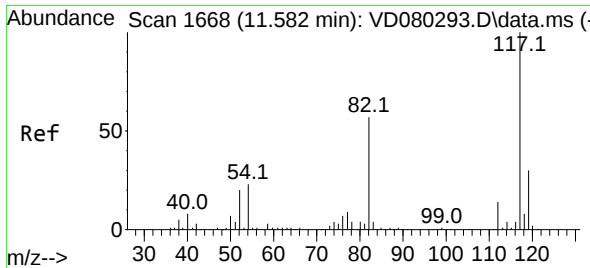
Tgt Ion: 98 Resp: 246801
Ion Ratio Lower Upper
98 100
100 61.0 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 47.153 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080329.D
Acq: 14 May 2025 18:22

Tgt Ion: 95 Resp: 70513
Ion Ratio Lower Upper
95 100
174 91.1 0.0 173.4
176 88.6 0.0 166.6

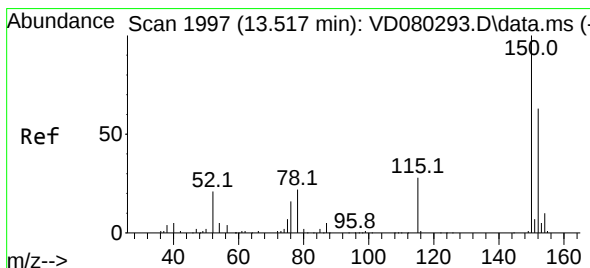
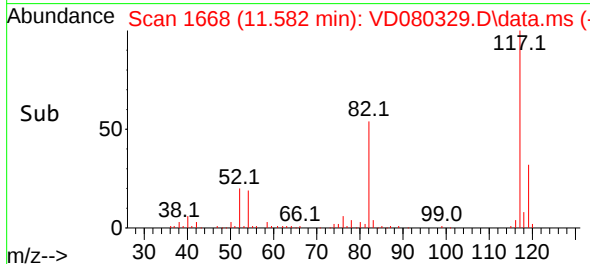
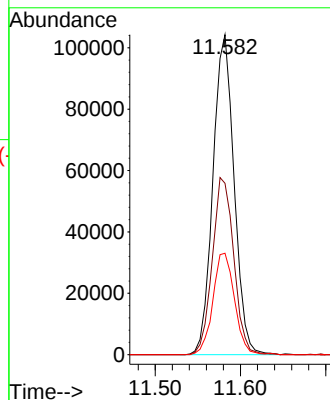
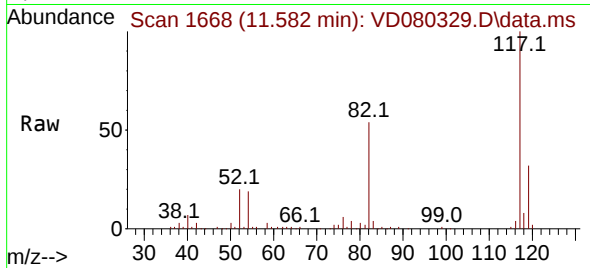




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080329.D
Acq: 14 May 2025 18:22

Instrument :
MSVOA_D
ClientSampleId :
TP-A-VOC

Tgt Ion:117 Resp: 179783
Ion Ratio Lower Upper
117 100
82 53.5 45.8 68.6
119 31.7 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: VD080329.D
Acq: 14 May 2025 18:22

Tgt Ion:152 Resp: 82597
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.8
150 158.4 0.0 354.8

