

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080333.D
 Acq On : 14 May 2025 20:10
 Operator : RP/MD
 Sample : Q2010-04
 Misc : 7.90G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17

Quant Time: May 15 03:39:58 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)

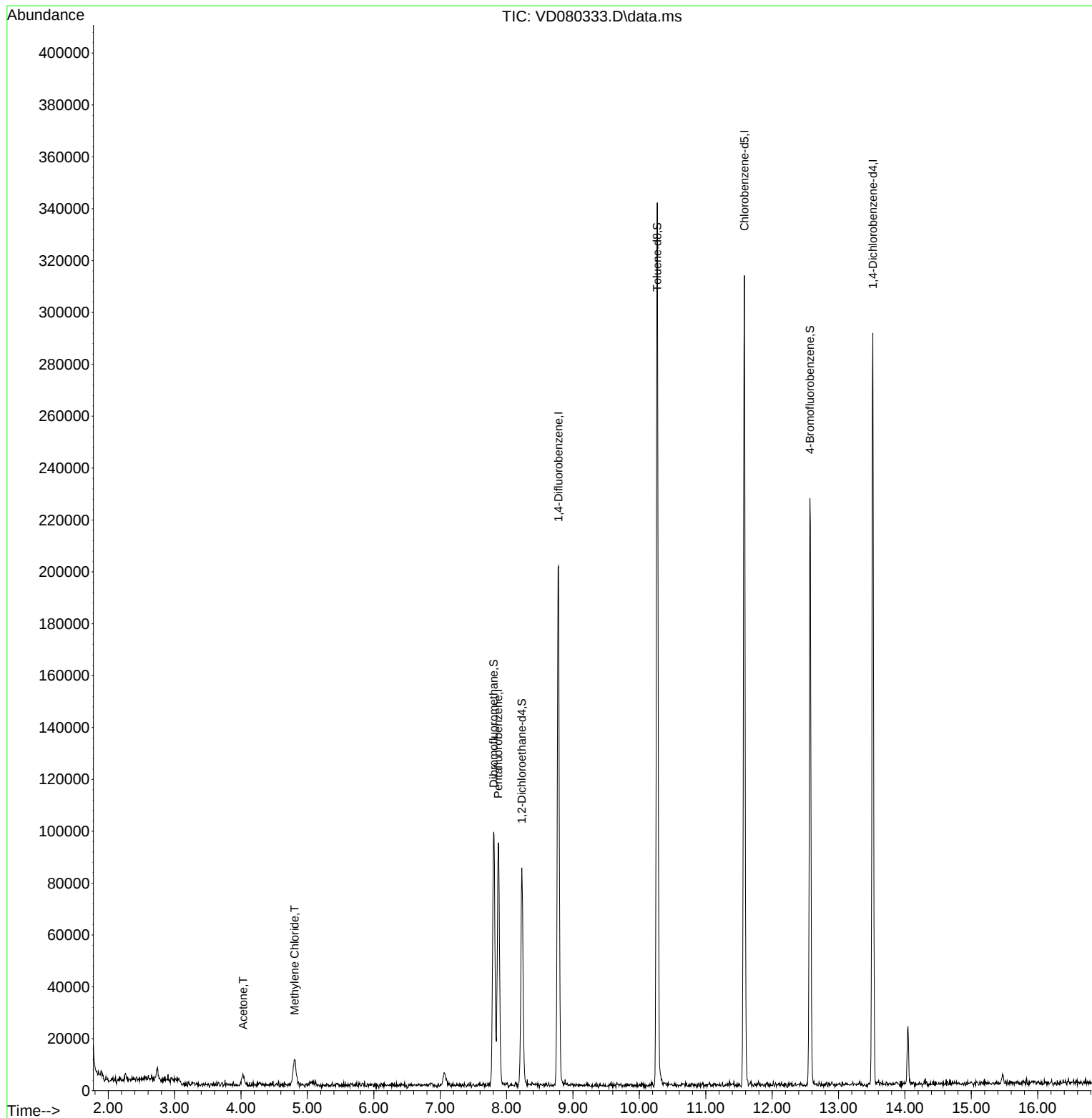
Internal Standards						
1) Pentafluorobenzene	7.876	168	70237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	175289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	170783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	79381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	66029	72.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.400%
35) Dibromofluoromethane	7.806	113	70610	60.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.200%
50) Toluene-d8	10.270	98	233533	50.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.570	95	67037	45.119	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.240%
Target Compounds						
16) Acetone	4.029	43	6993	33.986	ug/l	95
20) Methylene Chloride	4.806	84	7788	4.550	ug/l	95

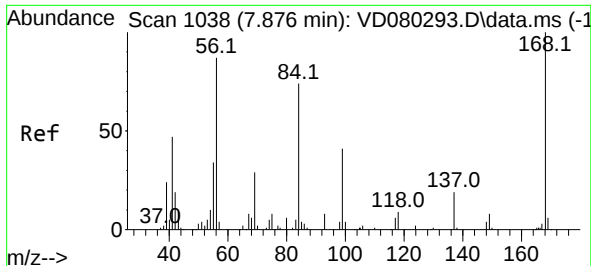
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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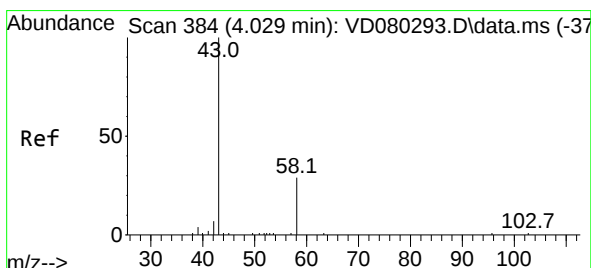
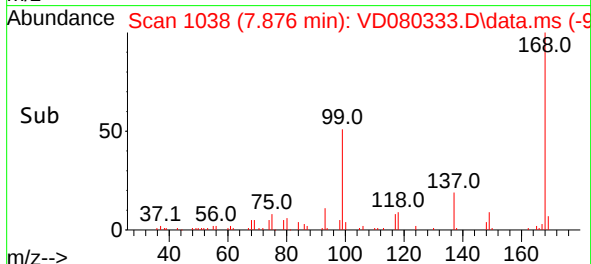
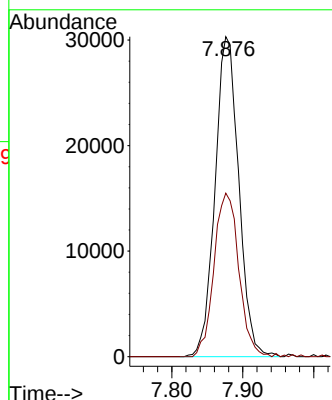
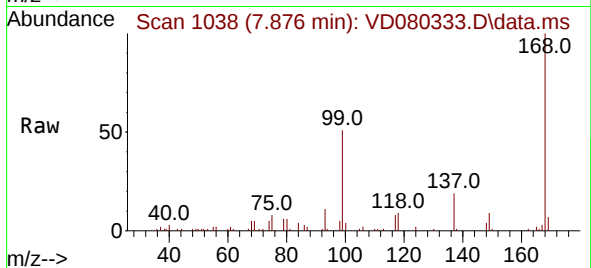




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080333.D
Acq: 14 May 2025 20:10

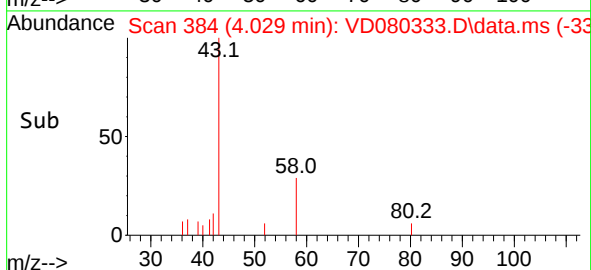
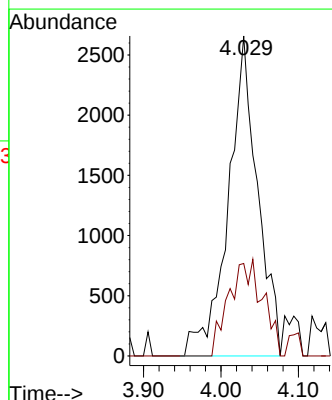
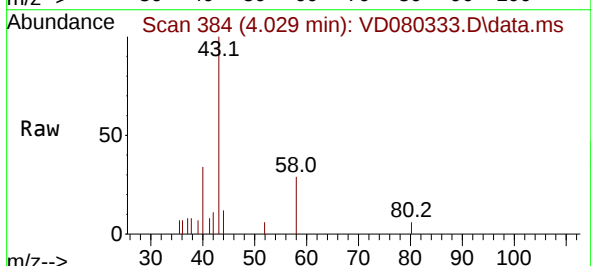
Instrument :
MSVOA_D
ClientSampleId :
TP-17

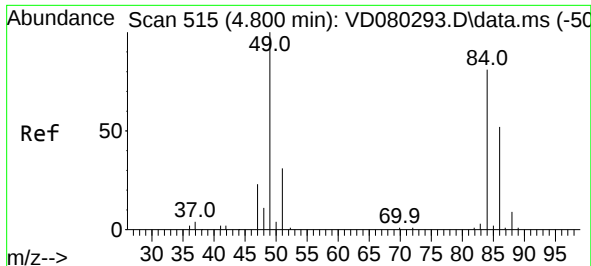
Tgt Ion:168 Resp: 70237
Ion Ratio Lower Upper
168 100
99 51.1 46.0 69.0



#16
Acetone
Concen: 33.986 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080333.D
Acq: 14 May 2025 20:10

Tgt Ion: 43 Resp: 6993
Ion Ratio Lower Upper
43 100
58 28.9 25.4 38.2

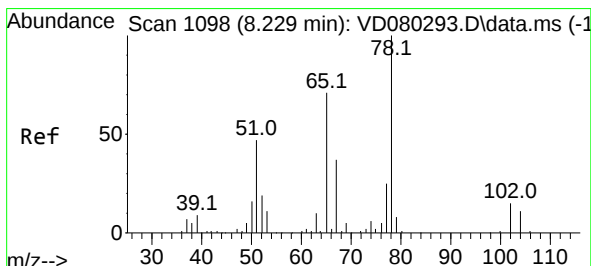
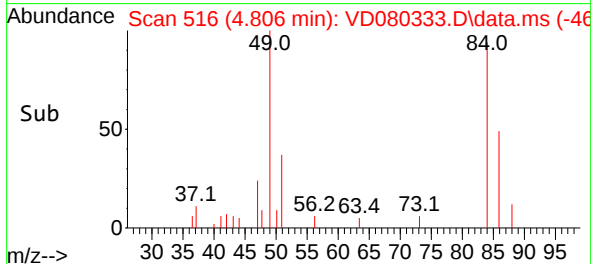
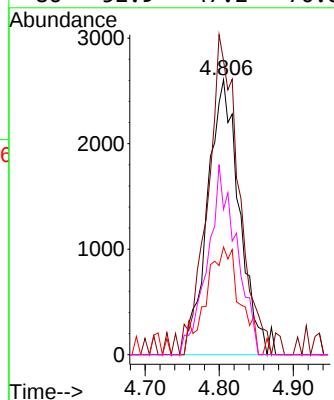
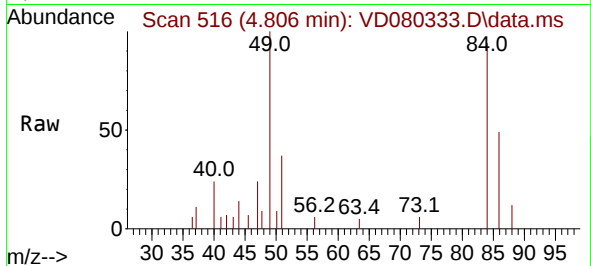




#20
Methylene Chloride
Concen: 4.550 ug/l
RT: 4.806 min Scan# 515
Delta R.T. 0.001 min
Lab File: VD080333.D
Acq: 14 May 2025 20:10

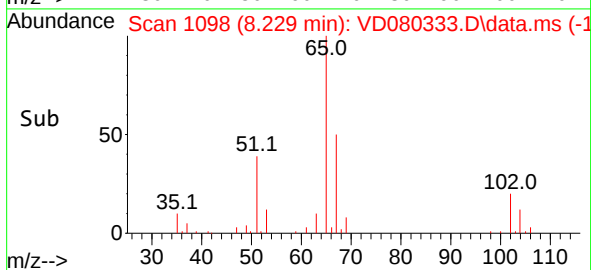
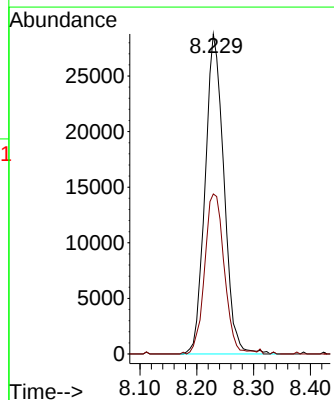
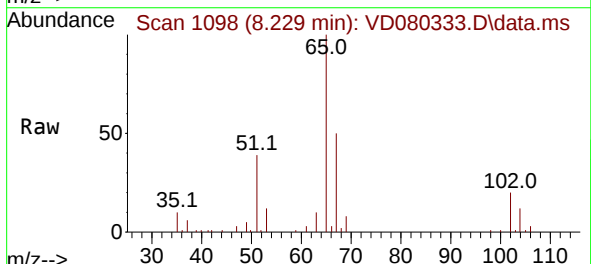
Instrument :
MSVOA_D
ClientSampleId :
TP-17

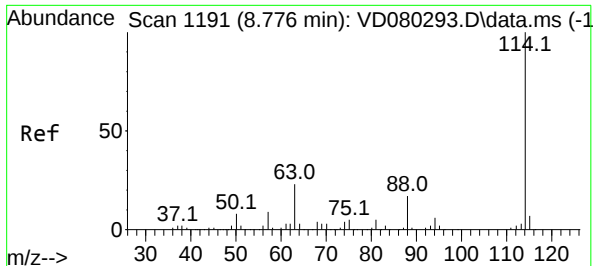
Tgt Ion: 84	Resp: 7788
Ion Ratio	Lower Upper
84 100	
49 106.9	86.5 129.7
51 39.2	26.9 40.3
86 52.9	47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 72.696 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080333.D
Acq: 14 May 2025 20:10

Tgt Ion: 65	Resp: 66029
Ion Ratio	Lower Upper
65 100	
67 52.2	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: VD080333.D

Acq: 14 May 2025 20:10

Instrument :

MSVOA_D

ClientSampleId :

TP-17

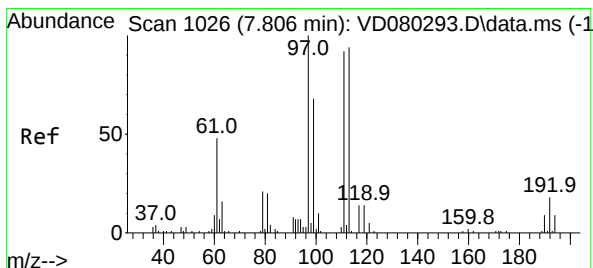
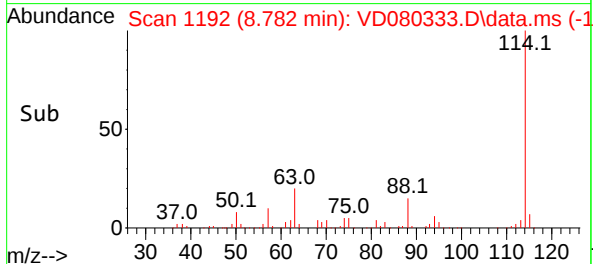
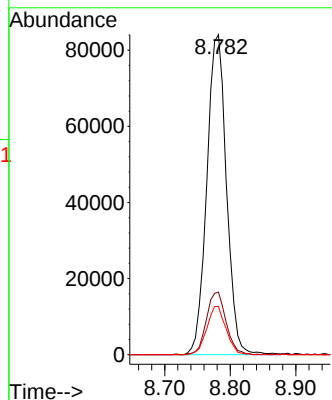
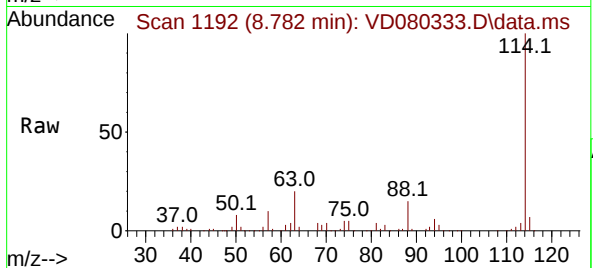
Tgt Ion:114 Resp: 175289

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 60.101 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.001 min

Lab File: VD080333.D

Acq: 14 May 2025 20:10

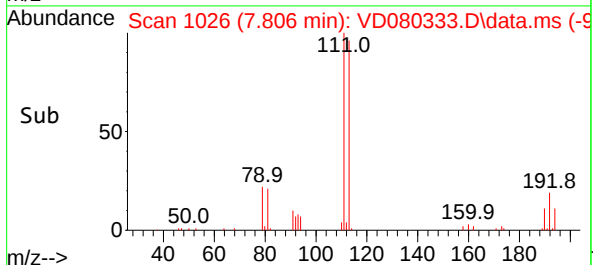
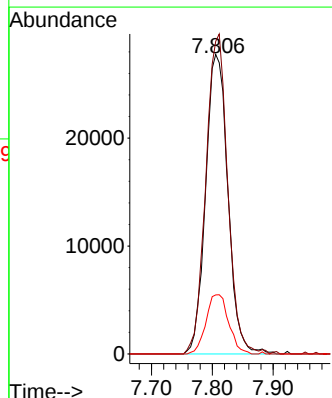
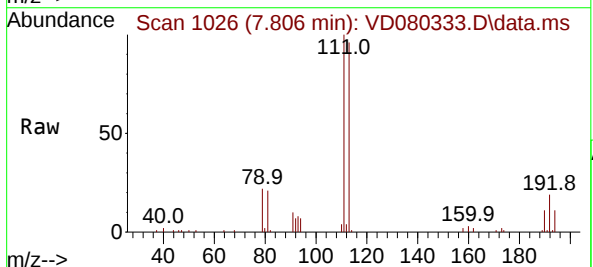
Tgt Ion:113 Resp: 70610

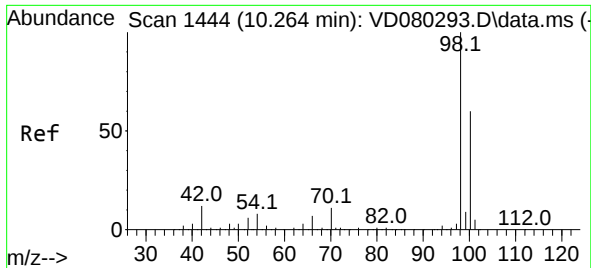
Ion Ratio Lower Upper

113 100

111 104.6 82.5 123.7

192 20.1 16.6 25.0

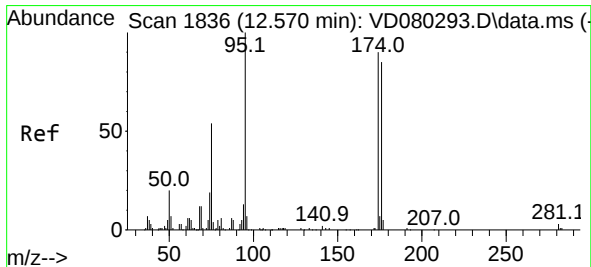
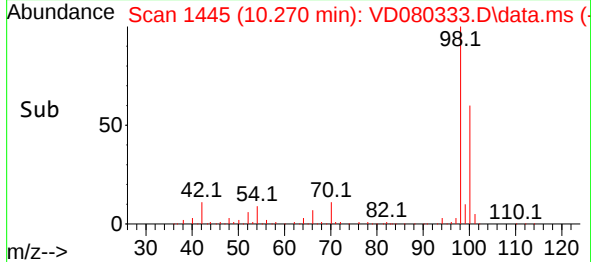
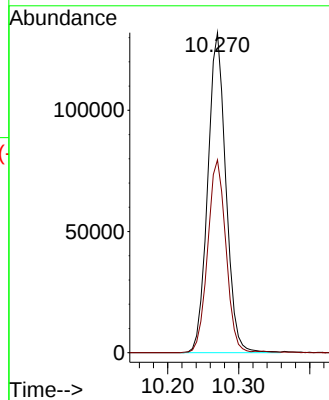
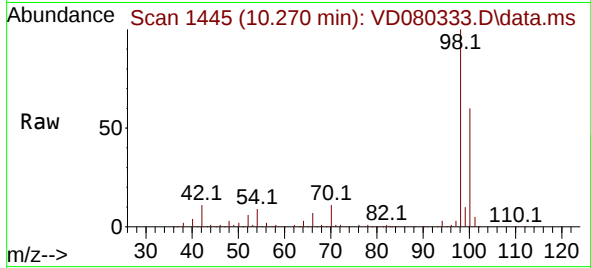




#50
Toluene-d8
Concen: 50.449 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080333.D
Acq: 14 May 2025 20:10

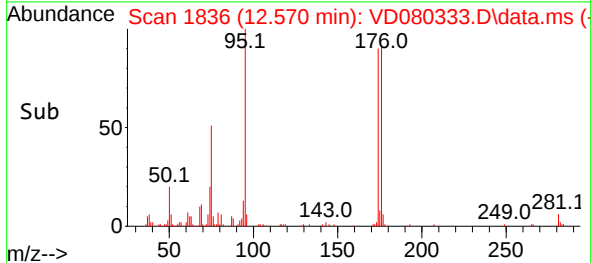
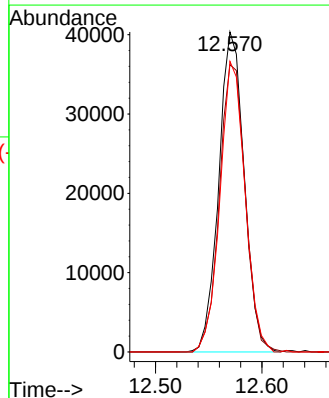
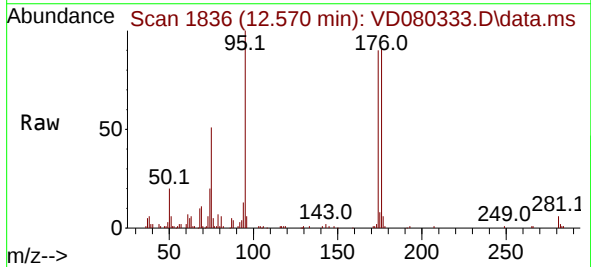
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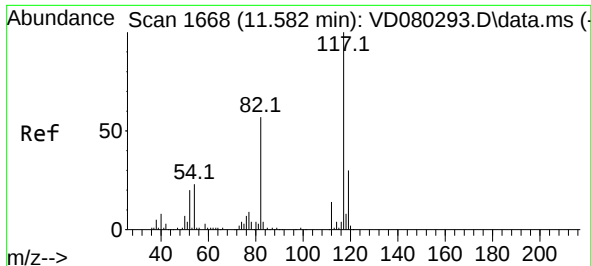
Tgt Ion: 98 Resp: 233533
Ion Ratio Lower Upper
98 100
100 60.6 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 45.119 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080333.D
Acq: 14 May 2025 20:10

Tgt Ion: 95 Resp: 67037
Ion Ratio Lower Upper
95 100
174 90.9 0.0 173.4
176 89.3 0.0 166.6

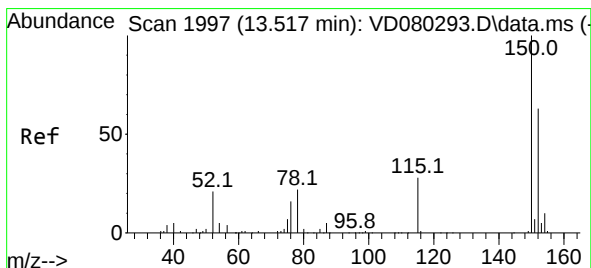
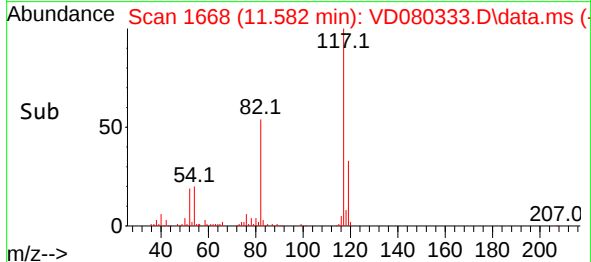
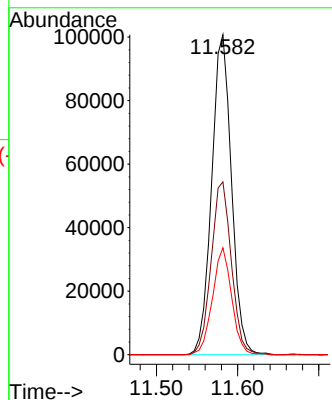
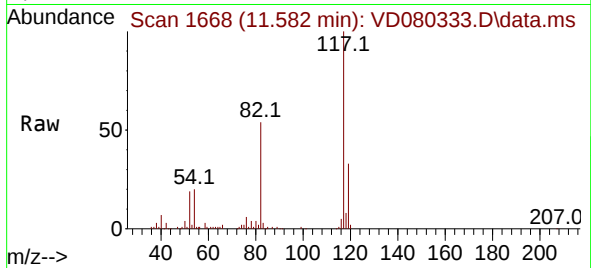




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080333.D
Acq: 14 May 2025 20:10

Instrument :
MSVOA_D
ClientSampleId :
TP-17

Tgt Ion:117 Resp: 170783
Ion Ratio Lower Upper
117 100
82 54.0 45.8 68.6
119 33.4 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: VD080333.D
Acq: 14 May 2025 20:10

Tgt Ion:152 Resp: 79381
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.8
150 155.1 0.0 354.8

