

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080332.D
 Acq On : 14 May 2025 19:43
 Operator : RP/MD
 Sample : Q2010-03
 Misc : 6.39G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14

Quant Time: May 15 03:39:32 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)

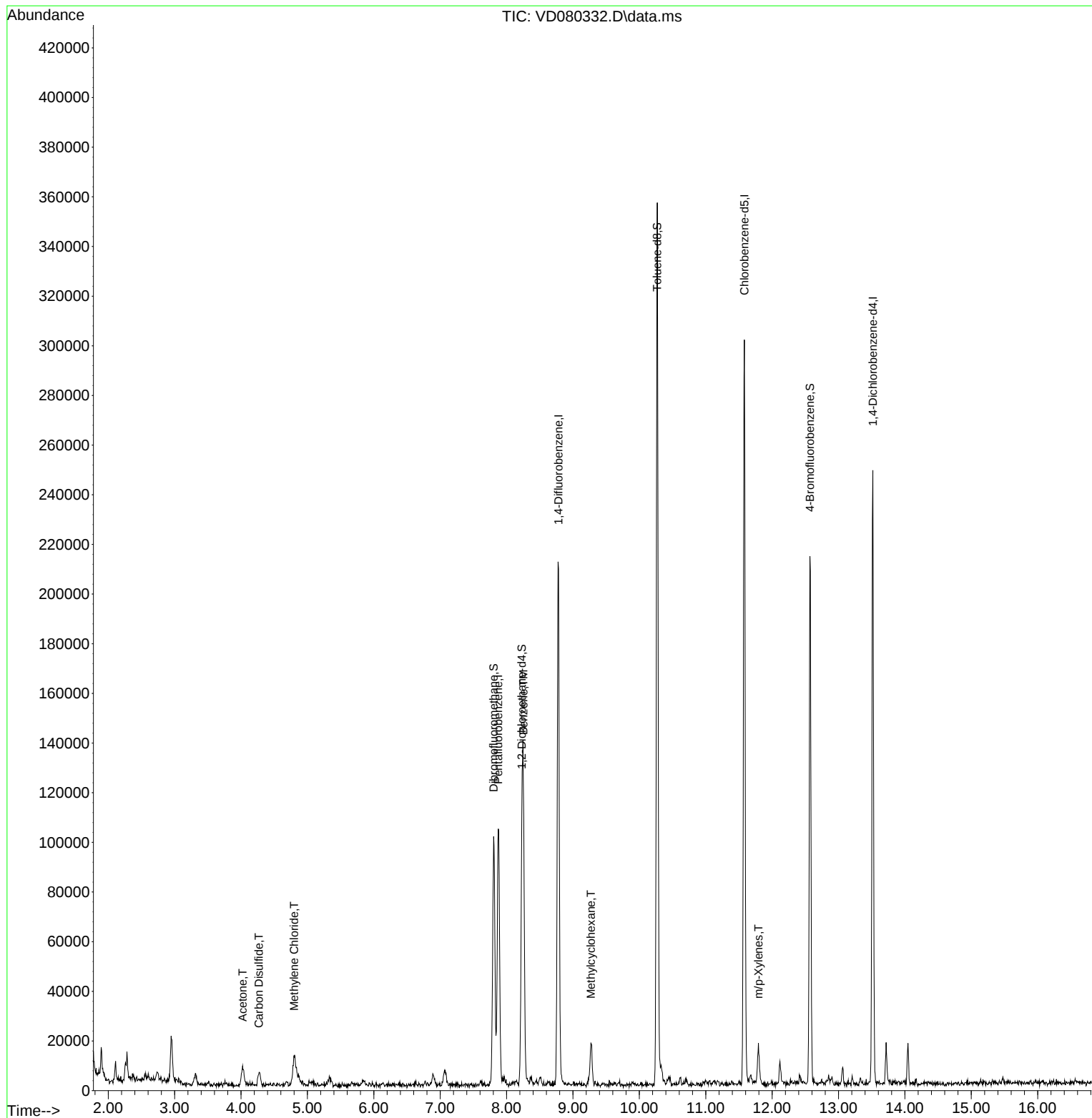
Internal Standards						
1) Pentafluorobenzene	7.876	168	73306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	183730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	170522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	67737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	63194	66.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.320%
35) Dibromofluoromethane	7.806	113	70279	57.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.140%
50) Toluene-d8	10.270	98	240789	49.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.570	95	62932	40.410	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.820%
Target Compounds						
						Qvalue
16) Acetone	4.023	43	11912	69.382	ug/l	100
17) Carbon Disulfide	4.271	76	10946	3.551	ug/l	96
20) Methylene Chloride	4.800	84	8269	4.701	ug/l	95
39) Methylcyclohexane	9.270	83	5691	2.665	ug/l	93
40) Benzene	8.253	78	100122	17.363	ug/l	100
68) m/p-Xylenes	11.794	106	4426	1.772	ug/l	99

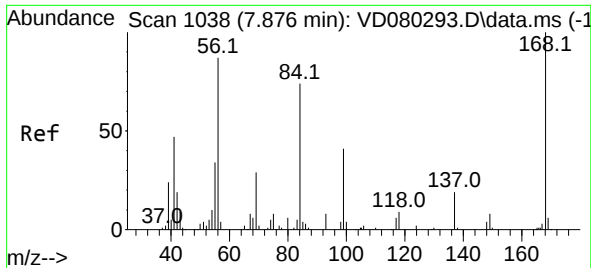
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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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

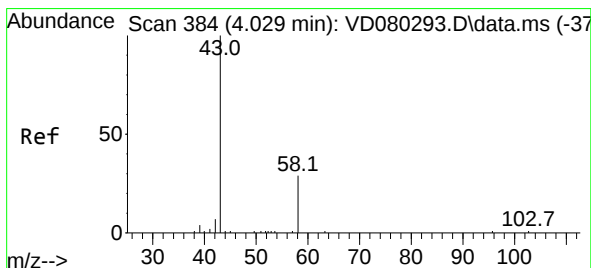
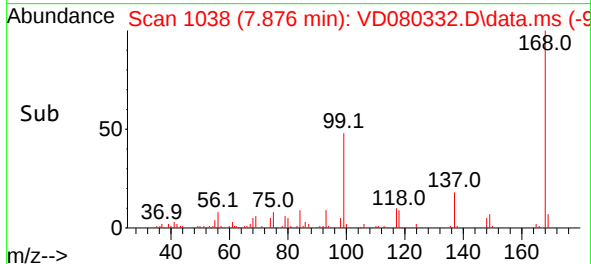
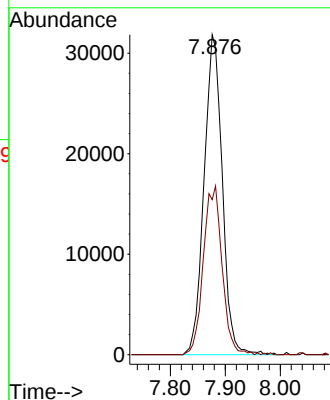
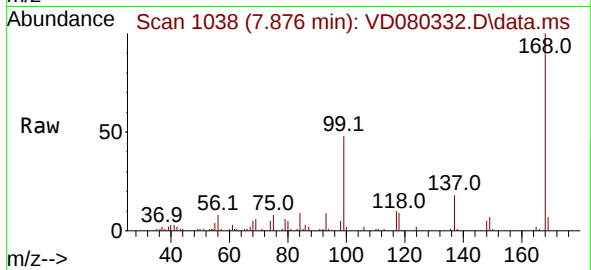




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

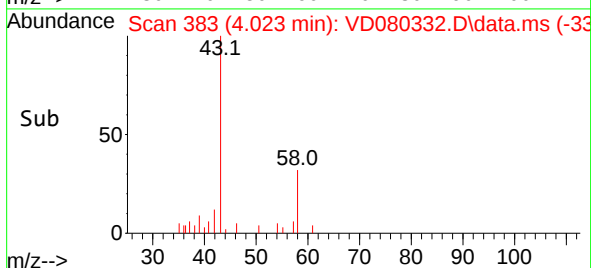
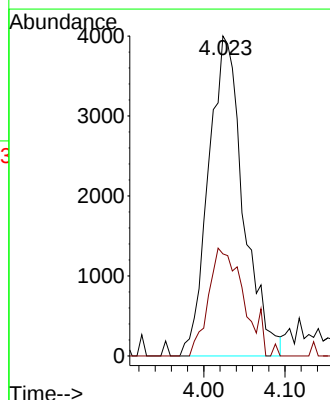
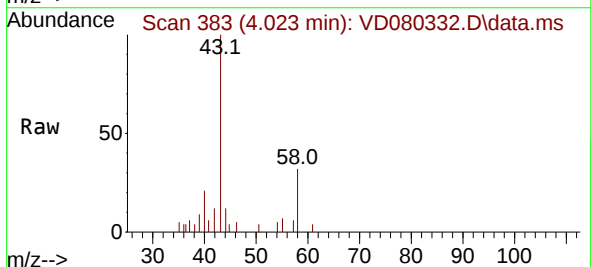
Instrument :
MSVOA_D
ClientSampleId :
TP-14

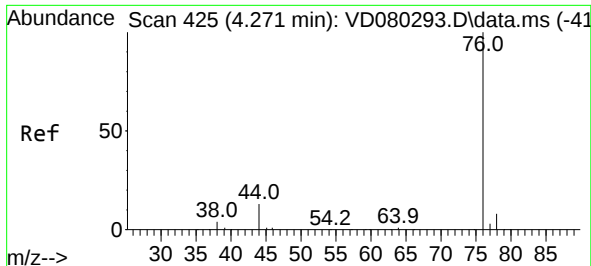
Tgt Ion:168 Resp: 73306
Ion Ratio Lower Upper
168 100
99 48.4 46.0 69.0



#16
Acetone
Concen: 69.382 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

Tgt Ion: 43 Resp: 11912
Ion Ratio Lower Upper
43 100
58 31.9 25.4 38.2

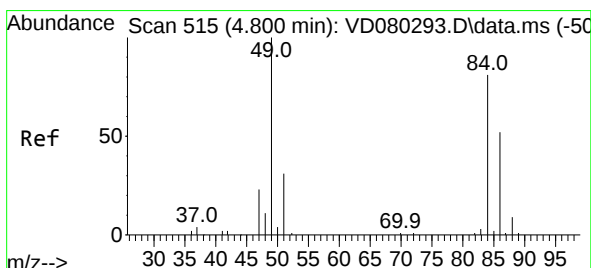
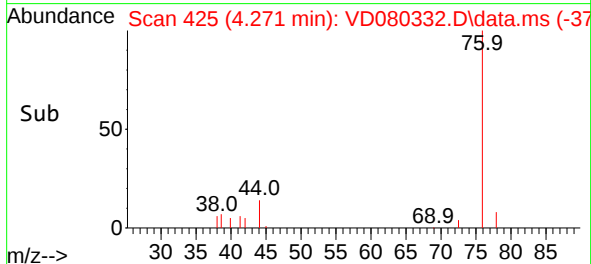
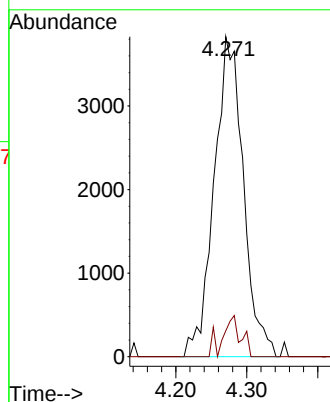
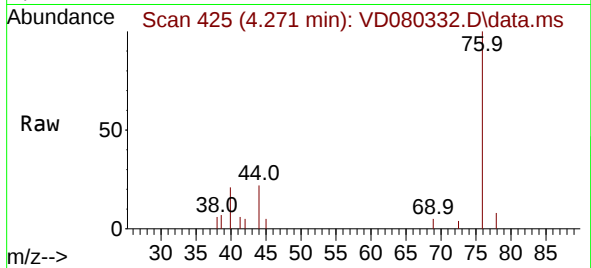




#17
Carbon Disulfide
Concen: 3.551 ug/l
RT: 4.271 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

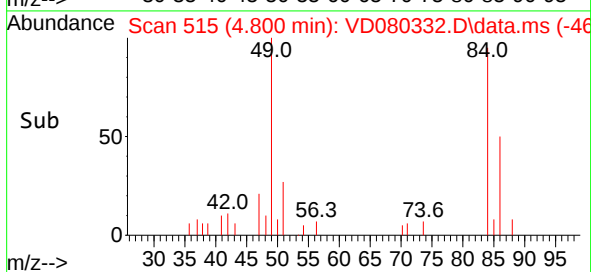
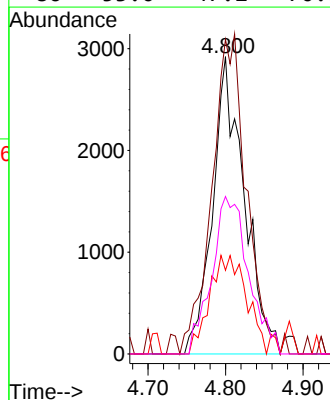
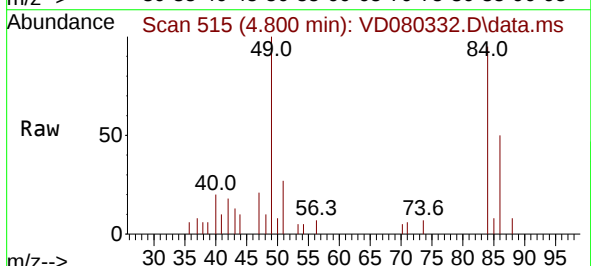
Instrument :
MSVOA_D
ClientSampleId :
TP-14

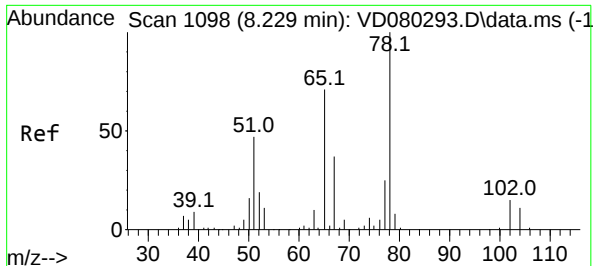
Tgt Ion: 76 Resp: 10946
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3



#20
Methylene Chloride
Concen: 4.701 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

Tgt Ion: 84 Resp: 8269
Ion Ratio Lower Upper
84 100
49 105.8 86.5 129.7
51 28.1 26.9 40.3
86 53.0 47.2 70.8

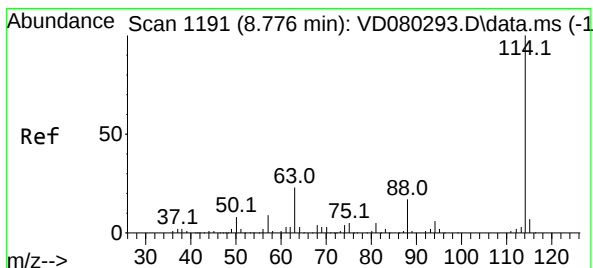
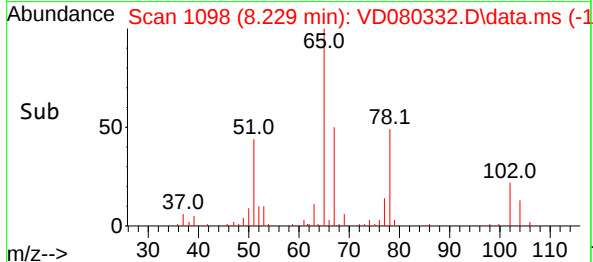
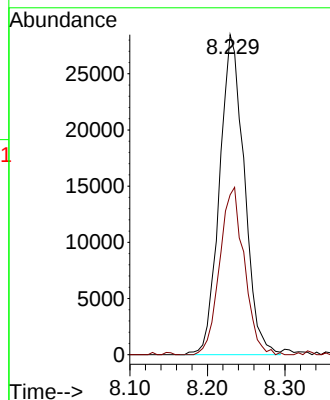
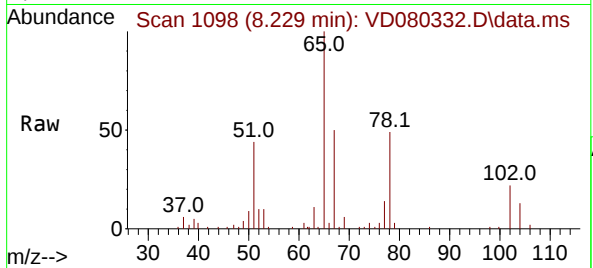




#33
1,2-Dichloroethane-d4
Concen: 66.662 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

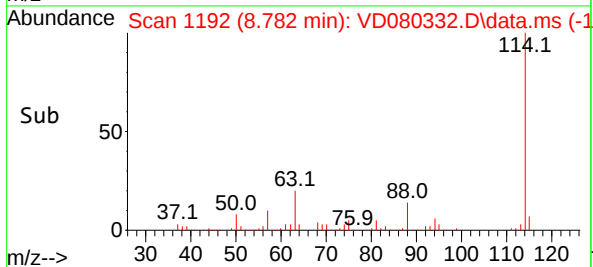
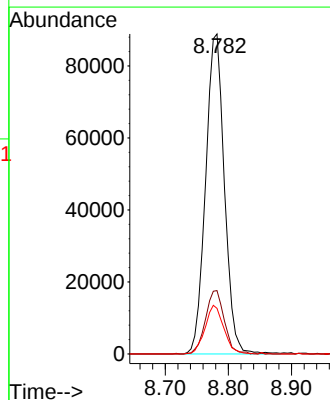
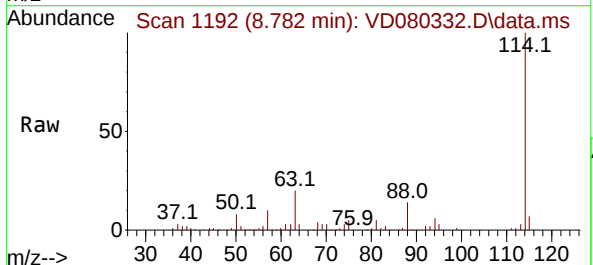
Instrument :
MSVOA_D
ClientSampleId :
TP-14

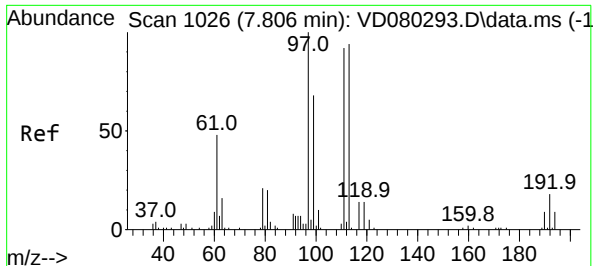
Tgt Ion: 65 Resp: 63194
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.782 min Scan# 1192
Delta R.T. 0.007 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

Tgt Ion: 114 Resp: 183730
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.8
88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.071 ug/l

RT: 7.806 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080332.D

Acq: 14 May 2025 19:43

Instrument :

MSVOA_D

ClientSampleId :

TP-14

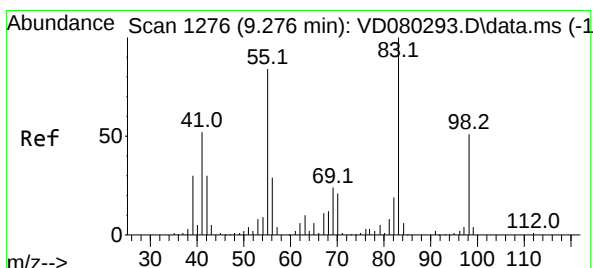
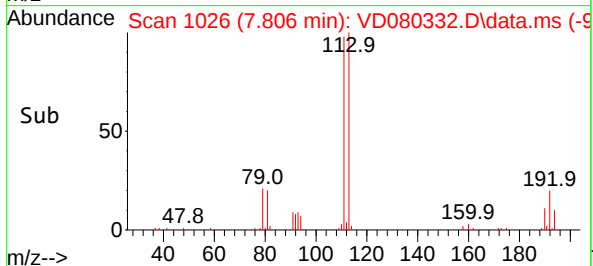
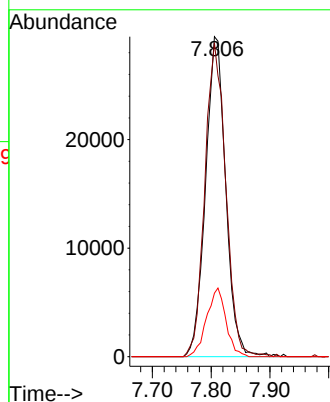
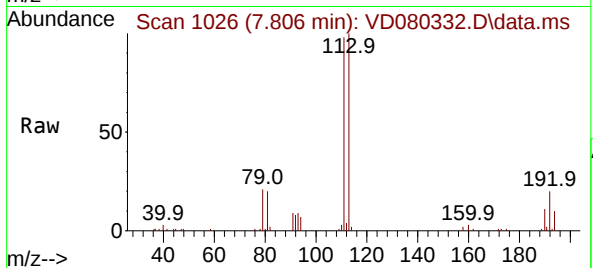
Tgt Ion:113 Resp: 70279

Ion Ratio Lower Upper

113 100

111 101.2 82.5 123.7

192 20.6 16.6 25.0



#39

Methylcyclohexane

Concen: 2.665 ug/l

RT: 9.270 min Scan# 1275

Delta R.T. -0.005 min

Lab File: VD080332.D

Acq: 14 May 2025 19:43

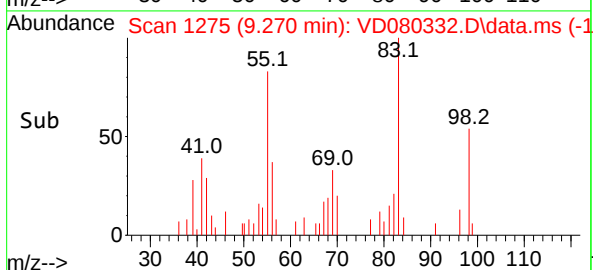
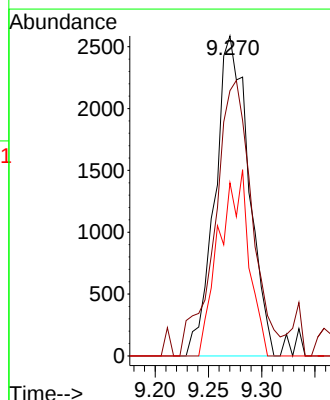
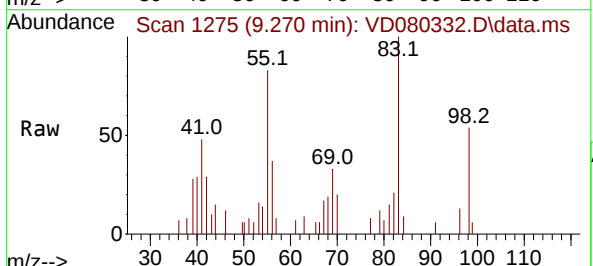
Tgt Ion: 83 Resp: 5691

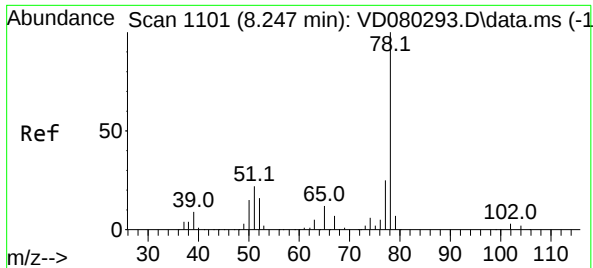
Ion Ratio Lower Upper

83 100

55 82.9 62.0 93.0

98 54.1 38.7 58.1

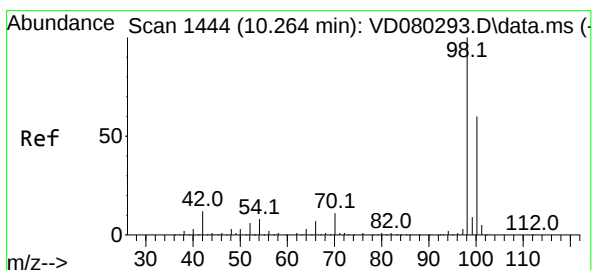
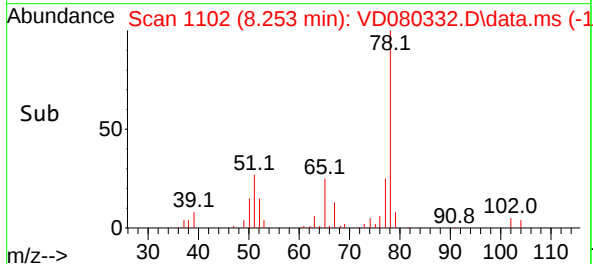
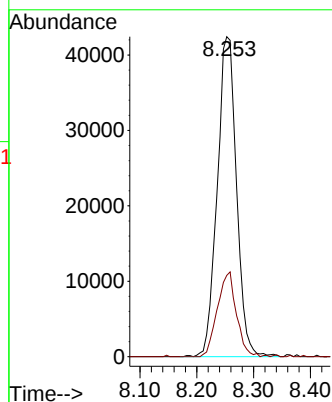
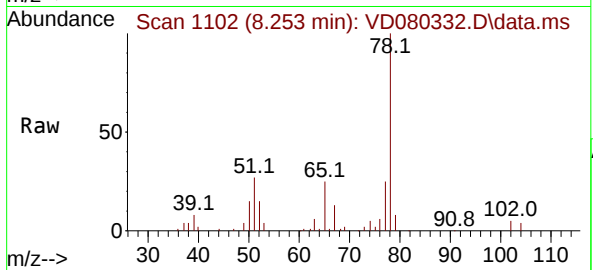




#40
Benzene
Concen: 17.363 ug/l
RT: 8.253 min Scan# 1101
Delta R.T. 0.001 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

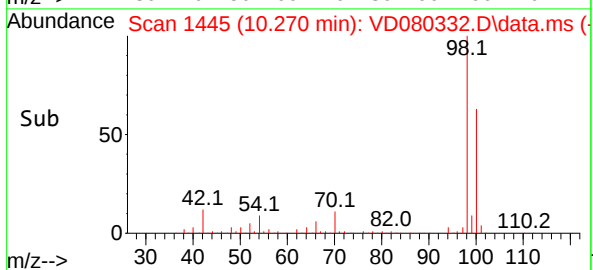
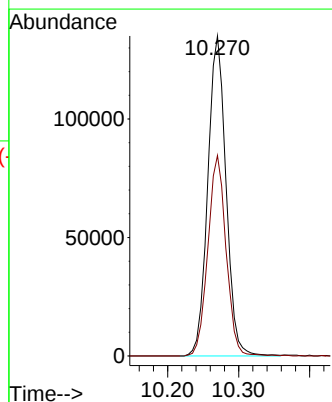
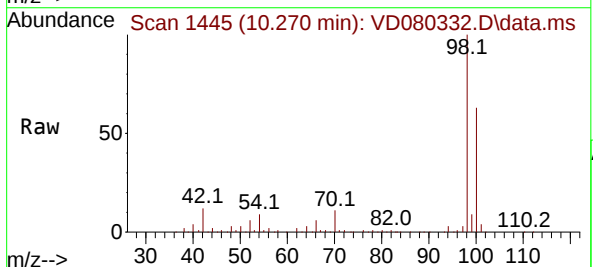
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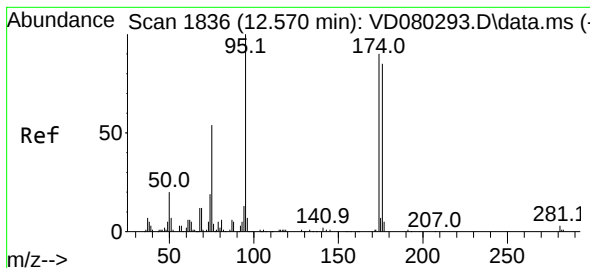
Tgt Ion: 78 Resp: 100122
Ion Ratio Lower Upper
78 100
77 25.4 20.2 30.4



#50
Toluene-d8
Concen: 49.627 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.001 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

Tgt Ion: 98 Resp: 240789
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.4

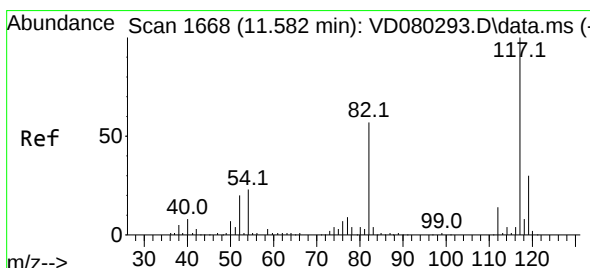
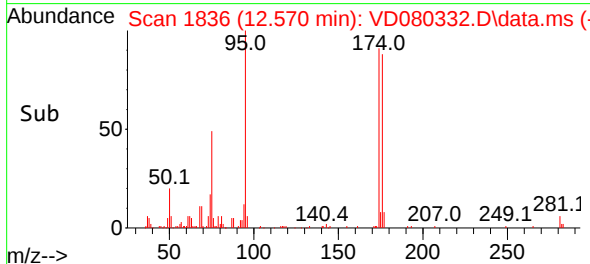
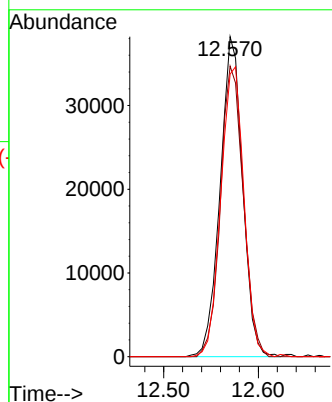
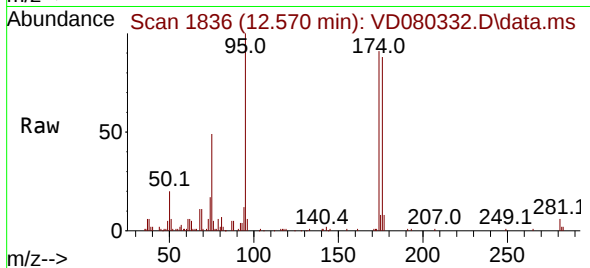




#62
4-Bromofluorobenzene
Concen: 40.410 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

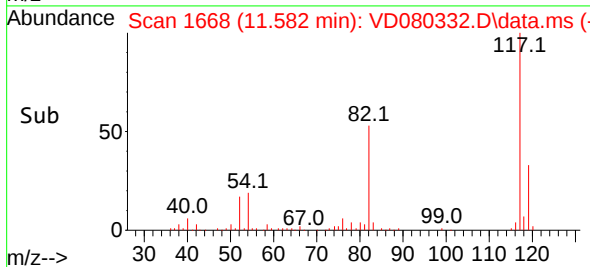
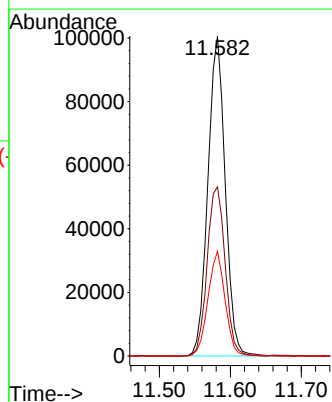
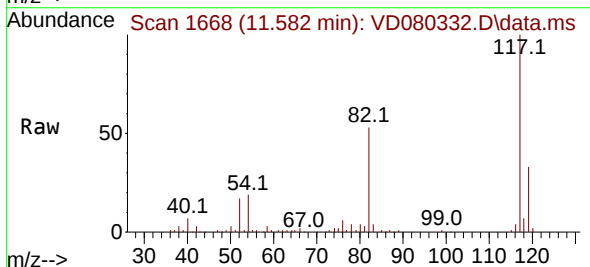
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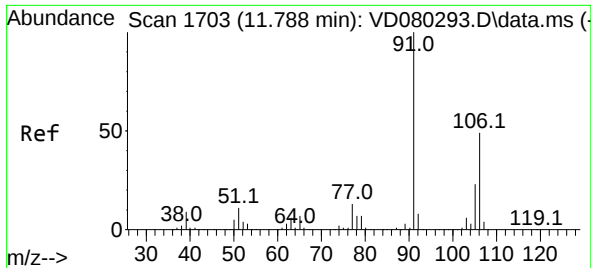
Tgt Ion: 95 Resp: 62932
Ion Ratio Lower Upper
95 100
174 92.1 0.0 173.4
176 93.1 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

Tgt Ion: 117 Resp: 170522
Ion Ratio Lower Upper
117 100
82 52.9 45.8 68.6
119 32.7 26.2 39.2

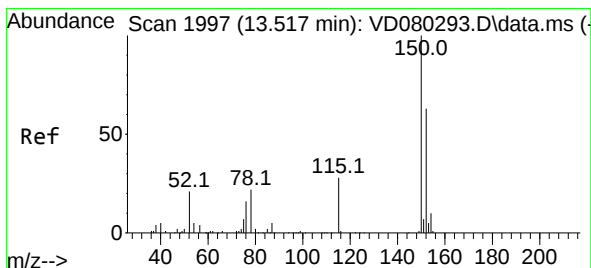
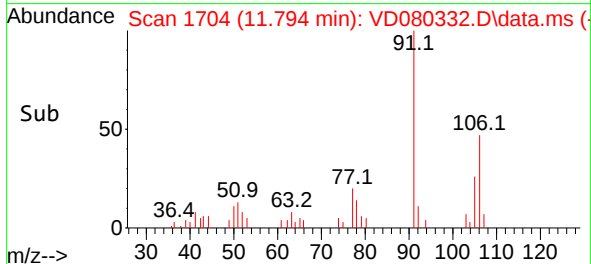
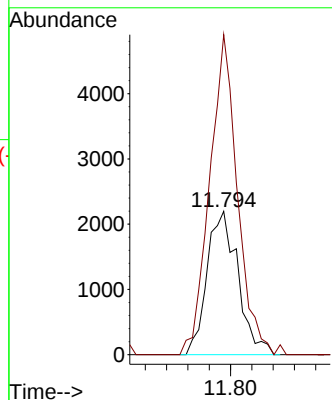
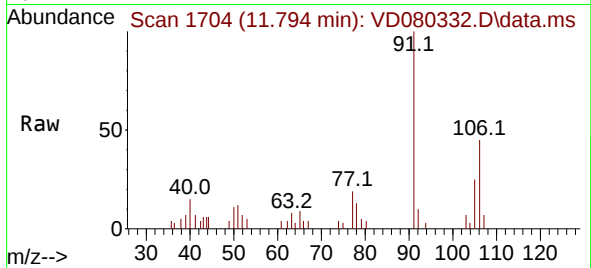




#68
m/p-Xylenes
Concen: 1.772 ug/l
RT: 11.794 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

Instrument :
MSVOA_D
ClientSampleId :
TP-14

Tgt Ion:106 Resp: 4426
Ion Ratio Lower Upper
106 100
91 201.8 162.6 244.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080332.D
Acq: 14 May 2025 19:43

Tgt Ion:152 Resp: 67737
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.8
150 155.4 0.0 354.8

