

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045195.D
 Acq On : 10 Mar 2025 14:53
 Operator : JC/MD
 Sample : Q1500-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20250305

Quant Time: Mar 11 03:56:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

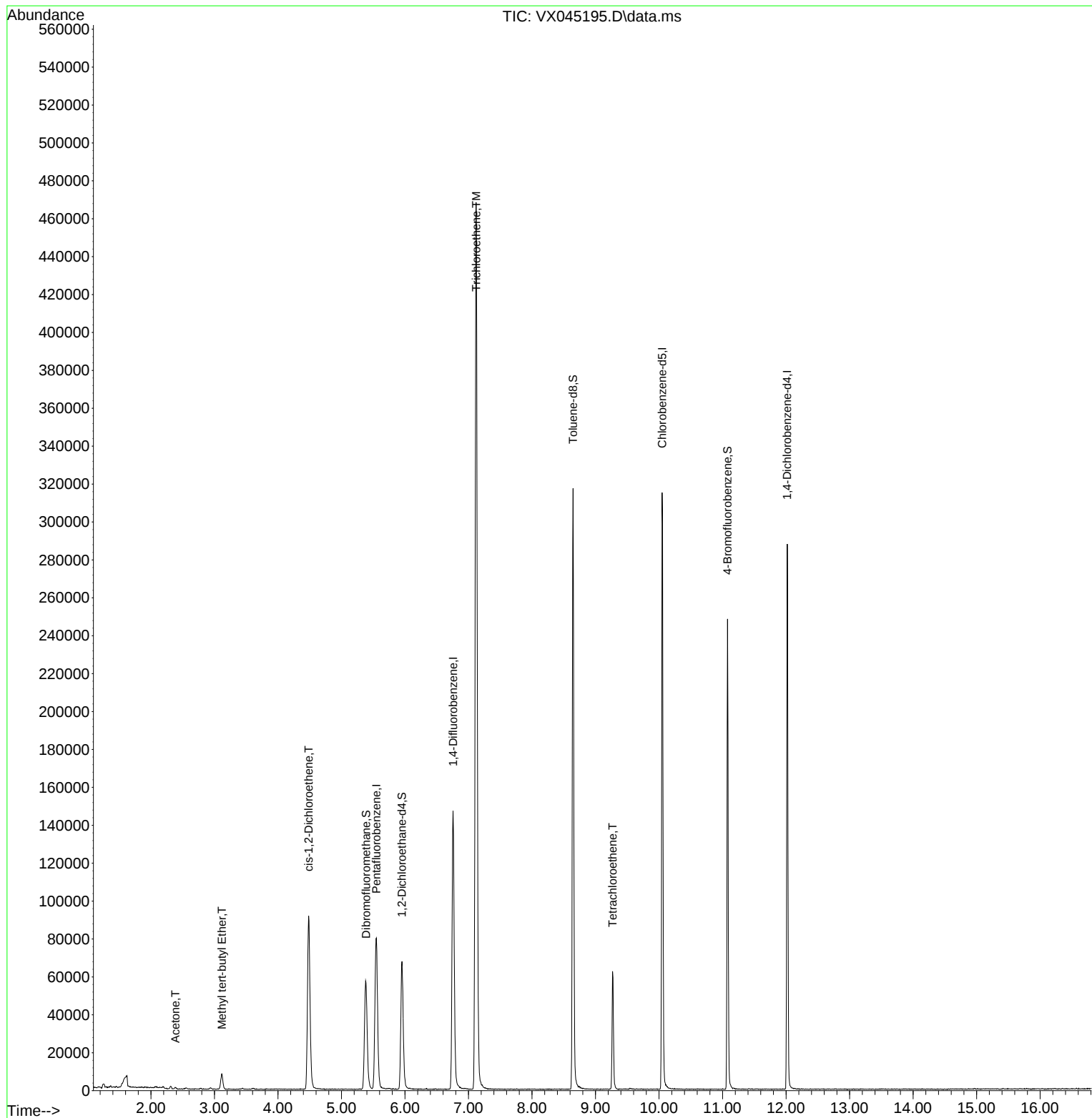
Internal Standards						
1) Pentafluorobenzene	5.550	168	74943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62897	52.762	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.520%
35) Dibromofluoromethane	5.385	113	51044	51.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.100%
50) Toluene-d8	8.647	98	185339	51.635	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.260%
62) 4-Bromofluorobenzene	11.079	95	62654	52.676	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.360%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	980	1.772	ug/l	# 79
19) Methyl tert-butyl Ether	3.117	73	8469	2.741	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	56193	50.035	ug/l	96
44) Trichloroethene	7.123	130	178887	177.682	ug/l	98
64) Tetrachloroethene	9.269	164	11463	13.058	ug/l	97

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
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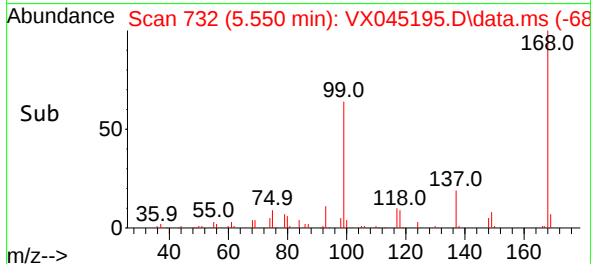
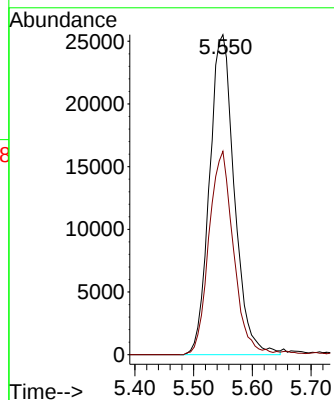
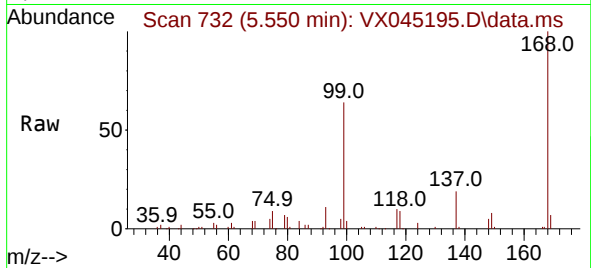




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045195.D
Acq: 10 Mar 2025 14:53

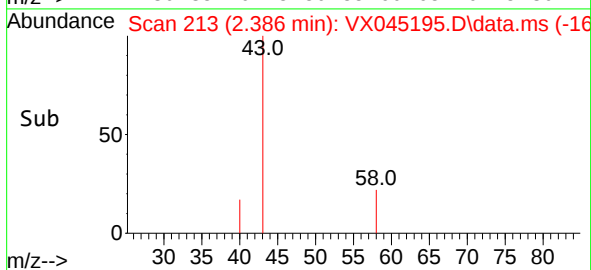
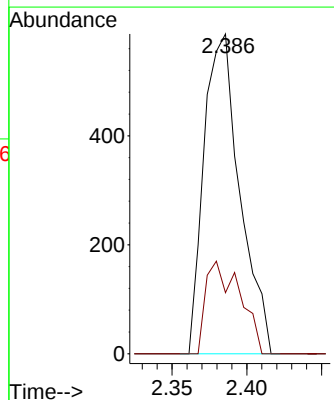
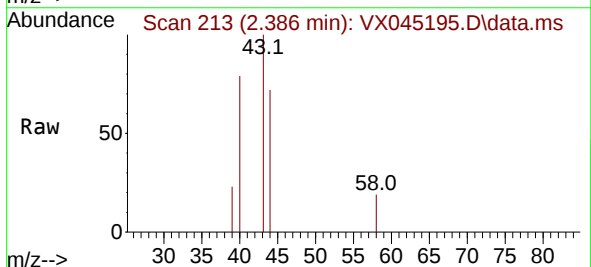
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20250305

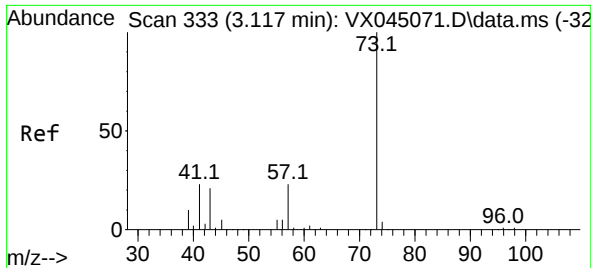
Tgt Ion:168 Resp: 74943
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#16
Acetone
Concen: 1.772 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045195.D
Acq: 10 Mar 2025 14:53

Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 19.1 24.2 36.4#

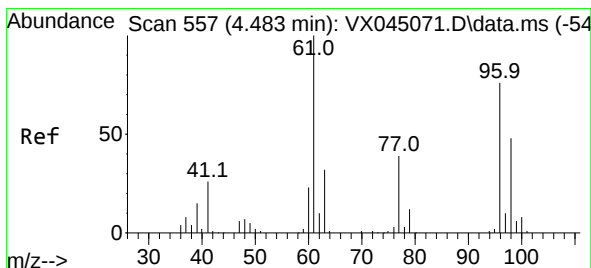
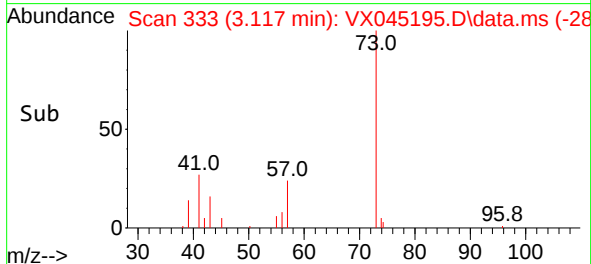
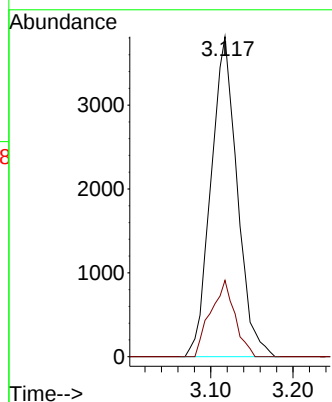
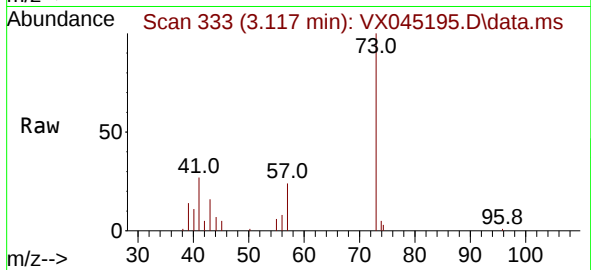




#19
Methyl tert-butyl Ether
Concen: 2.741 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045195.D
Acq: 10 Mar 2025 14:53

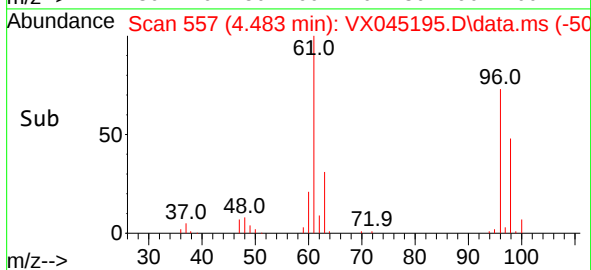
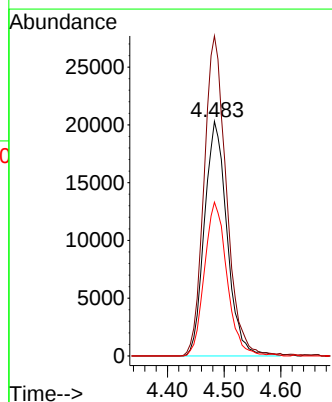
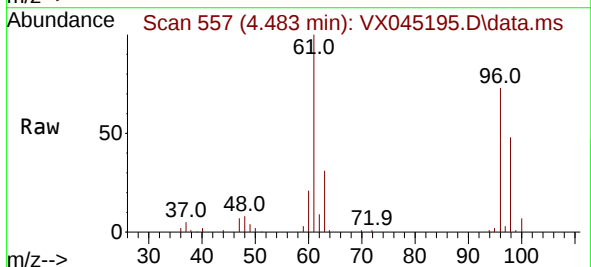
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20250305

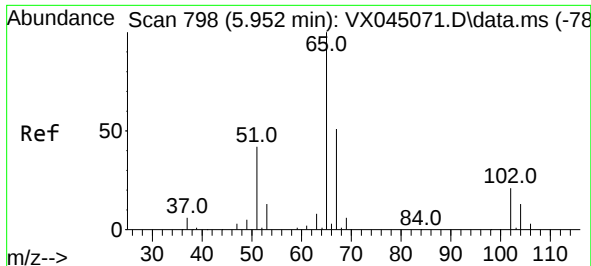
Tgt Ion: 73 Resp: 8469
Ion Ratio Lower Upper
73 100
57 23.9 18.5 27.7



#27
cis-1,2-Dichloroethene
Concen: 50.035 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX045195.D
Acq: 10 Mar 2025 14:53

Tgt Ion: 96 Resp: 56193
Ion Ratio Lower Upper
96 100
61 135.0 0.0 283.2
98 65.2 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 52.762 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045195.D

Acq: 10 Mar 2025 14:53

Instrument :

MSVOA_X

ClientSampleId :

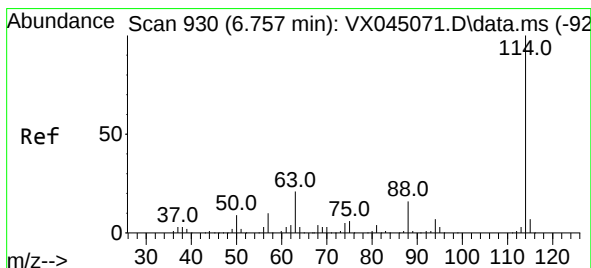
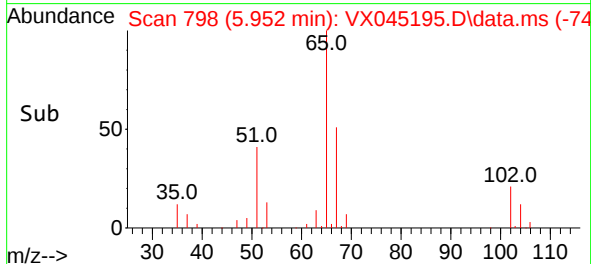
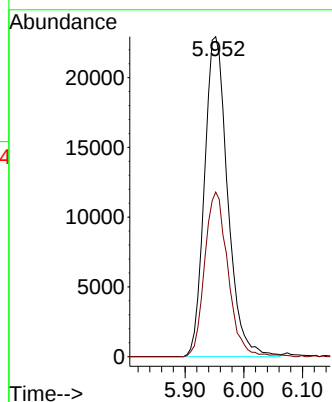
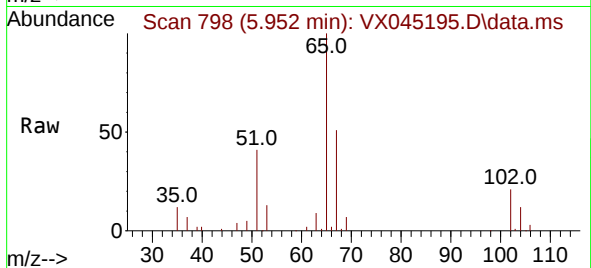
MW179D-20250305

Tgt Ion: 65 Resp: 62897

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045195.D

Acq: 10 Mar 2025 14:53

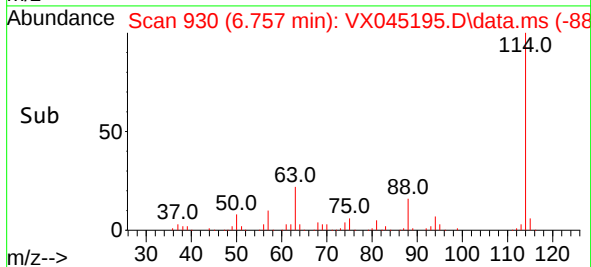
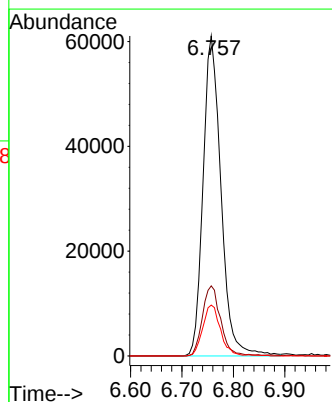
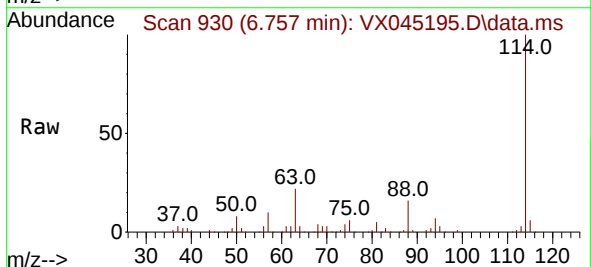
Tgt Ion: 114 Resp: 148068

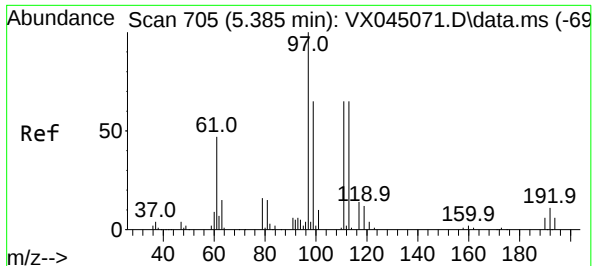
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 15.9 0.0 32.8

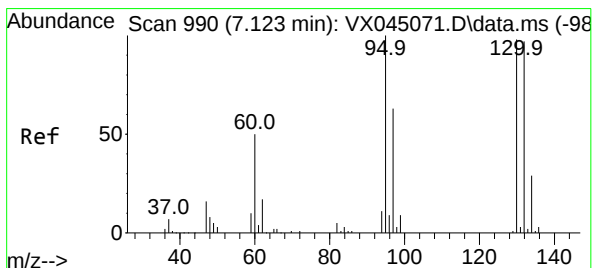
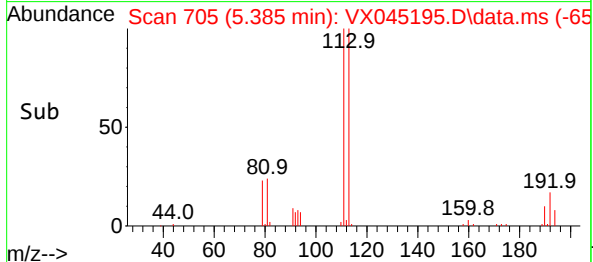
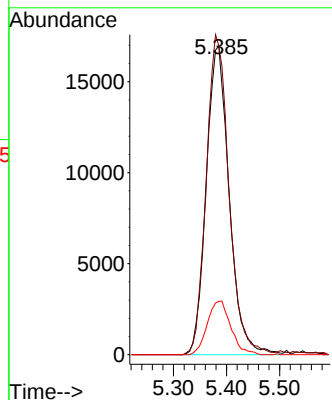
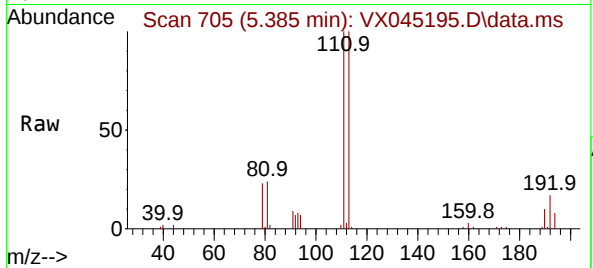




#35
Dibromofluoromethane
Concen: 51.555 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045195.D
Acq: 10 Mar 2025 14:53

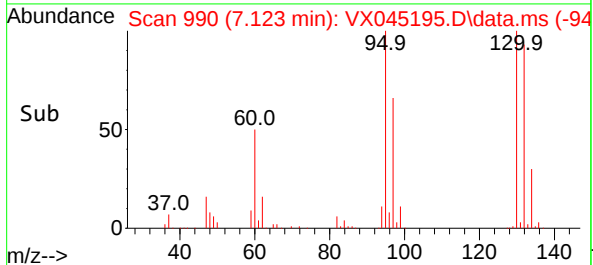
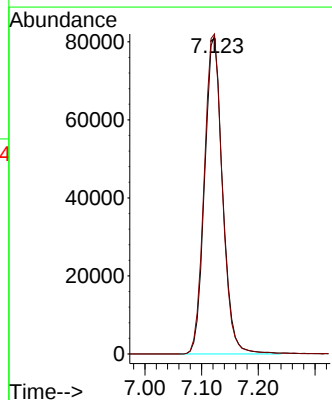
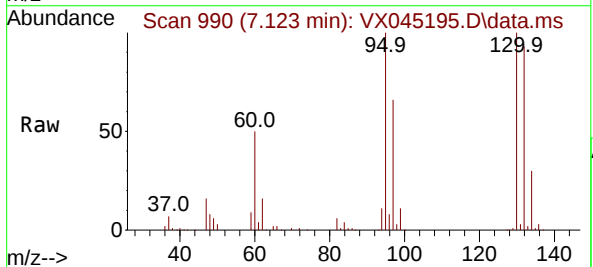
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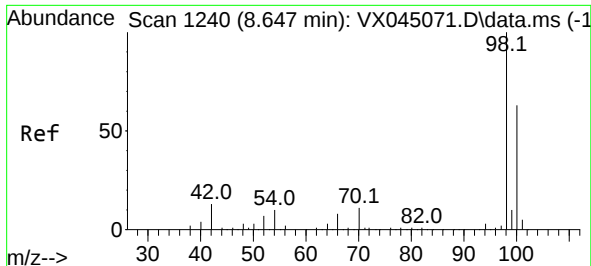
Tgt Ion:113 Resp: 51044
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.8 14.3 21.5



#44
Trichloroethene
Concen: 177.682 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045195.D
Acq: 10 Mar 2025 14:53

Tgt Ion:130 Resp: 178887
Ion Ratio Lower Upper
130 100
95 100.5 0.0 205.0

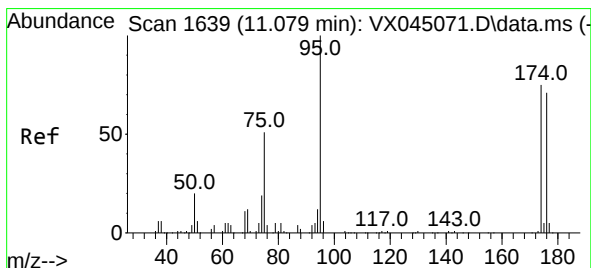
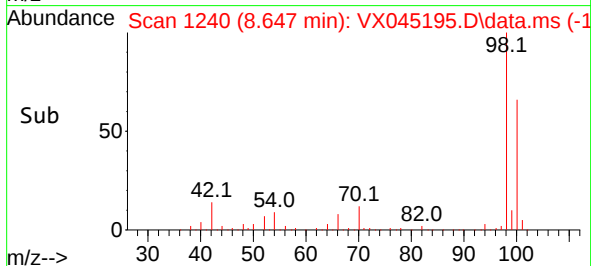
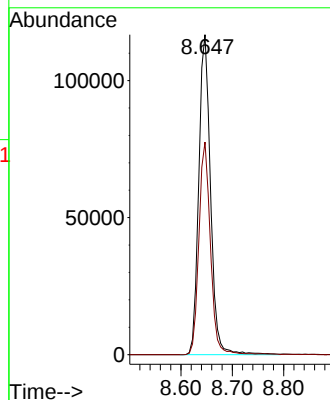
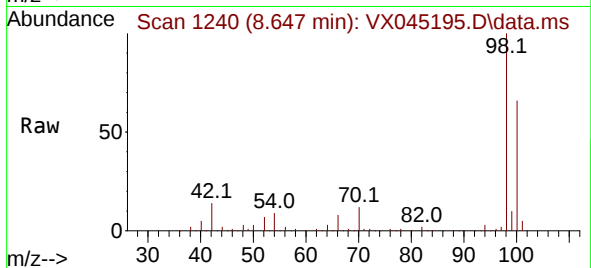




#50
Toluene-d8
Concen: 51.635 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045195.D
Acq: 10 Mar 2025 14:53

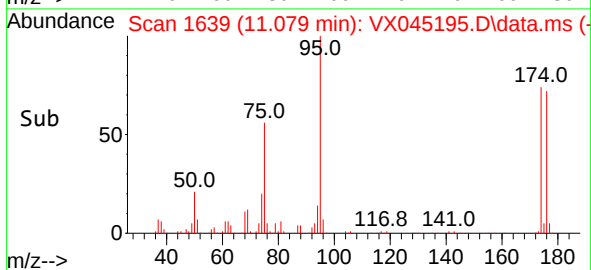
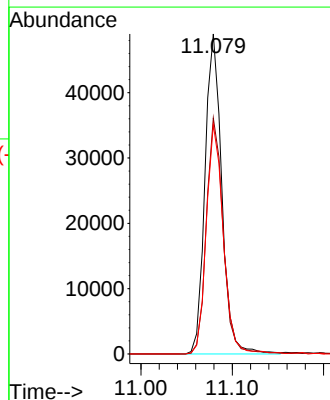
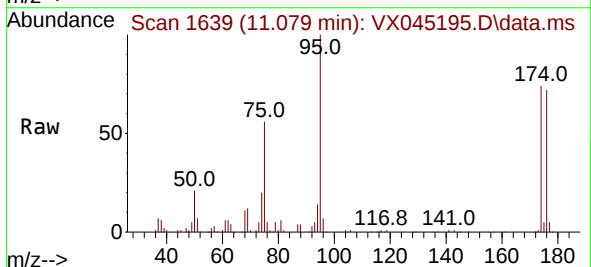
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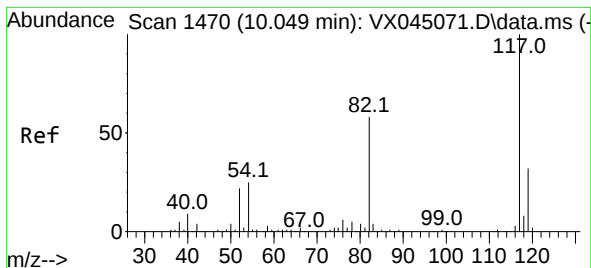
Tgt Ion: 98 Resp: 185339
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045195.D
Acq: 10 Mar 2025 14:53

Tgt Ion: 95 Resp: 62654
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.2
176 72.5 0.0 141.4

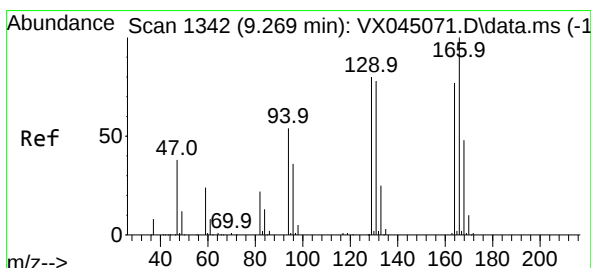
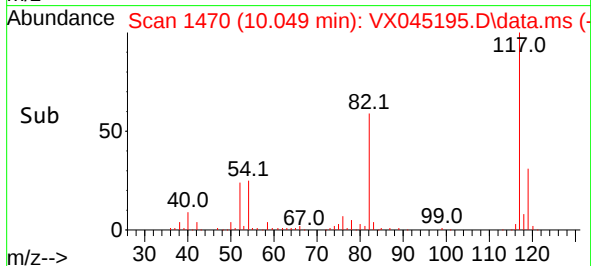
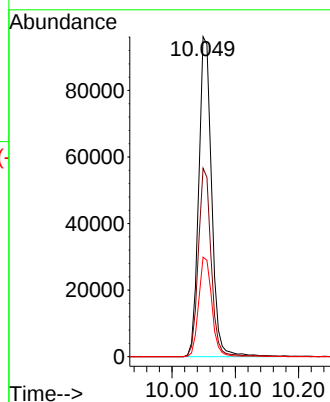
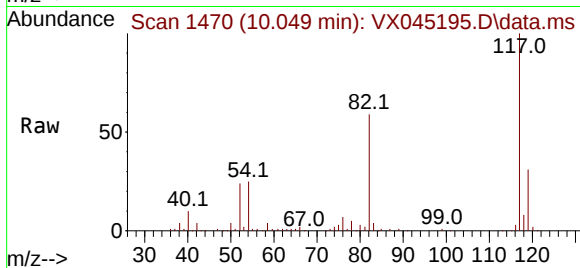




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045195.D
Acq: 10 Mar 2025 14:53

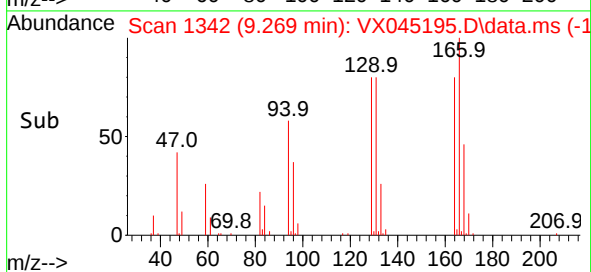
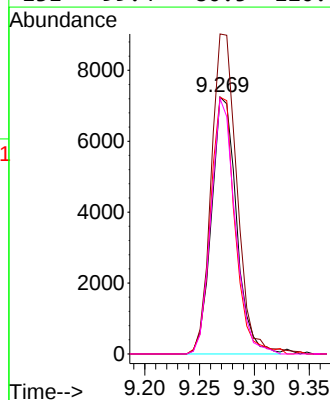
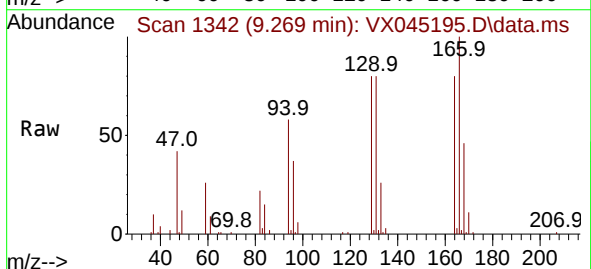
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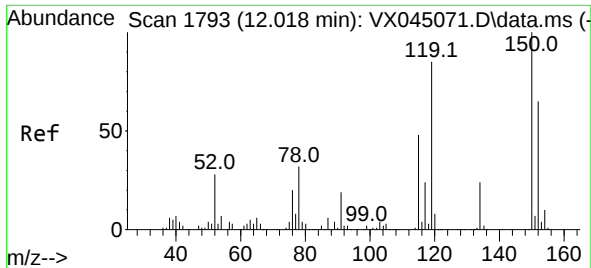
Tgt Ion:117 Resp: 137062
Ion Ratio Lower Upper
117 100
82 58.9 46.3 69.5
119 31.1 25.7 38.5



#64
Tetrachloroethene
Concen: 13.058 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045195.D
Acq: 10 Mar 2025 14:53

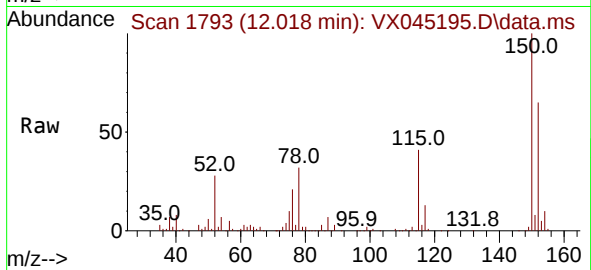
Tgt Ion:164 Resp: 11463
Ion Ratio Lower Upper
164 100
166 124.5 103.6 155.4
129 99.9 82.7 124.1
131 99.4 80.5 120.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045195.D
 Acq: 10 Mar 2025 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20250305



Tgt Ion:152 Resp: 56025
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.2 132.6
 150 158.4 0.0 349.0

