

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045193.D
 Acq On : 10 Mar 2025 14:06
 Operator : JC/MD
 Sample : Q1500-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20250305

Quant Time: Mar 11 03:55:34 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)

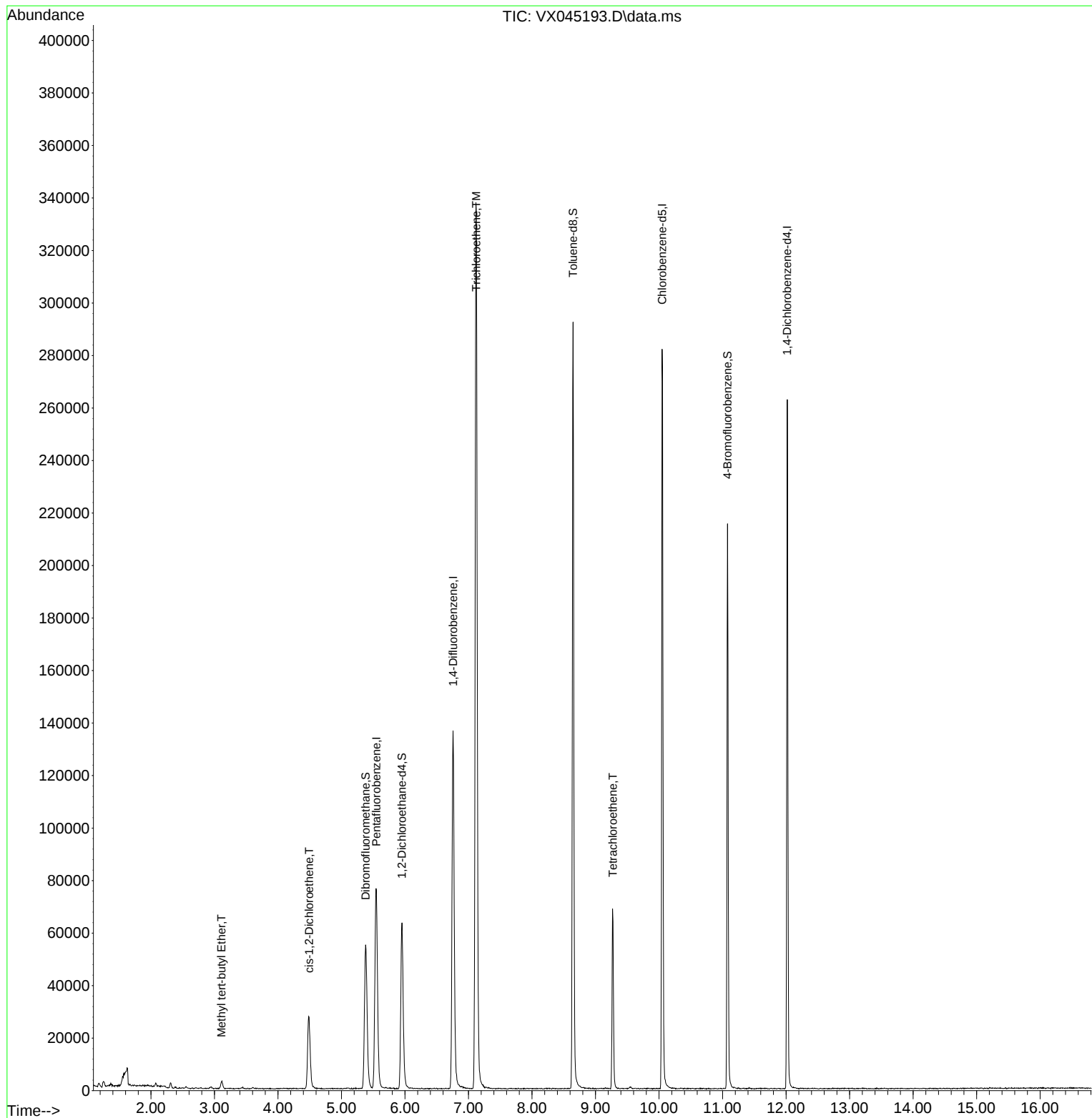
Internal Standards						
1) Pentafluorobenzene	5.550	168	71208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59385	52.429	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.860%		
35) Dibromofluoromethane	5.379	113	47655	51.125	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.240%		
50) Toluene-d8	8.647	98	172996	51.193	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.380%		
62) 4-Bromofluorobenzene	11.079	95	56985	50.889	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.780%		
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	2677	0.912	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	17163	16.084	ug/l	98
44) Trichloroethene	7.123	130	130424	137.601	ug/l	98
64) Tetrachloroethene	9.275	164	12649	15.736	ug/l	95

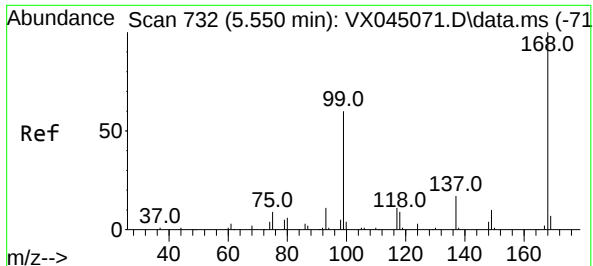
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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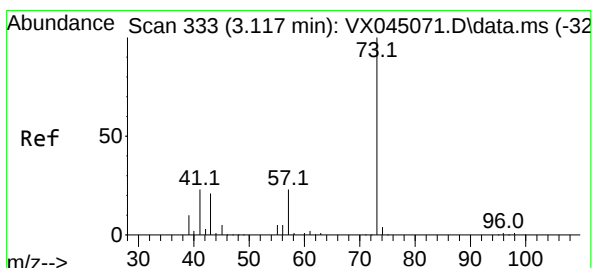
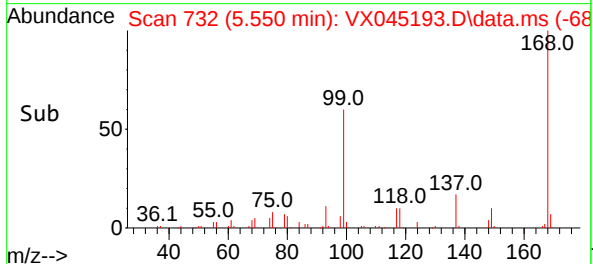
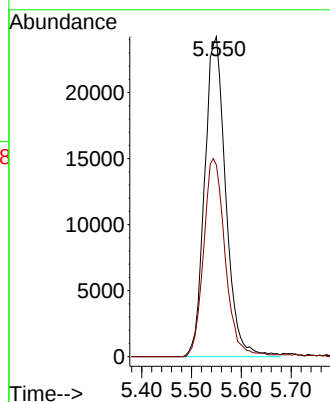
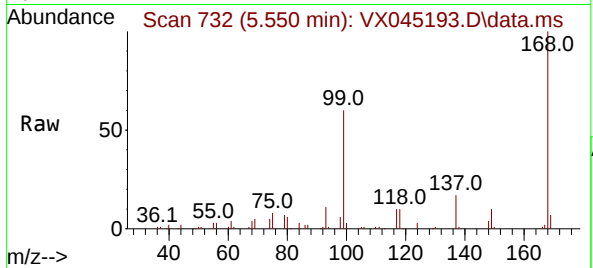




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX045193.D
Acq: 10 Mar 2025 14:06

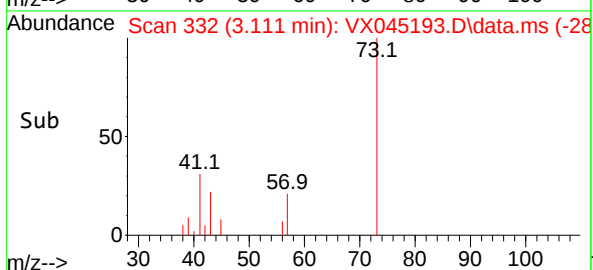
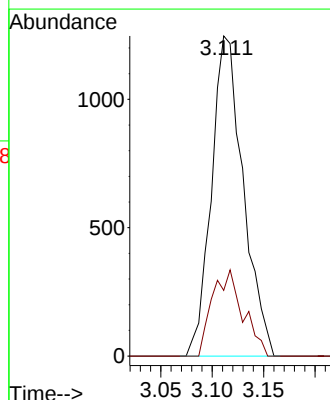
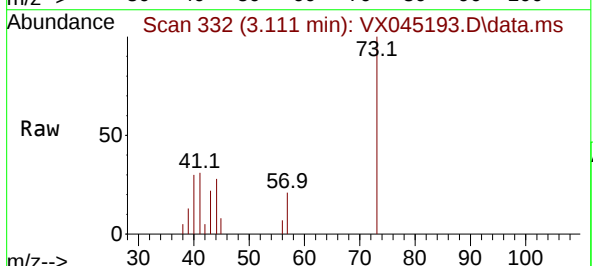
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20250305

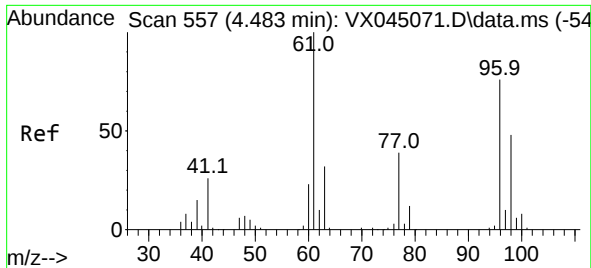
Tgt Ion:168 Resp: 71208
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4



#19
Methyl tert-butyl Ether
Concen: 0.912 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX045193.D
Acq: 10 Mar 2025 14:06

Tgt Ion: 73 Resp: 2677
Ion Ratio Lower Upper
73 100
57 20.5 18.5 27.7

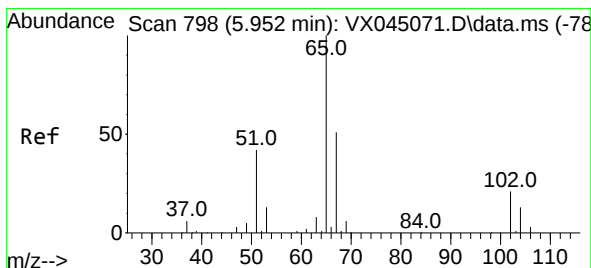
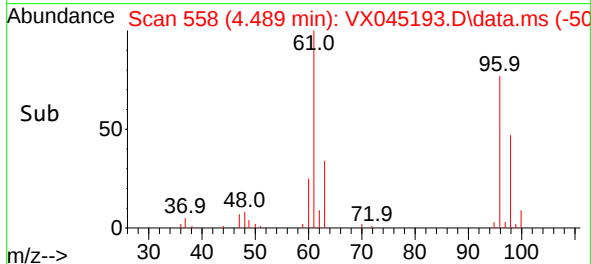
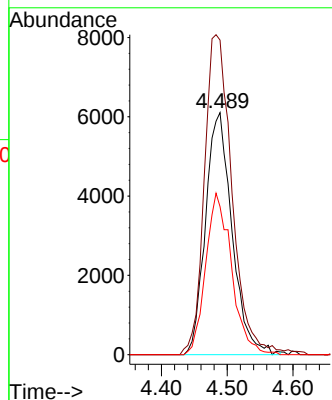
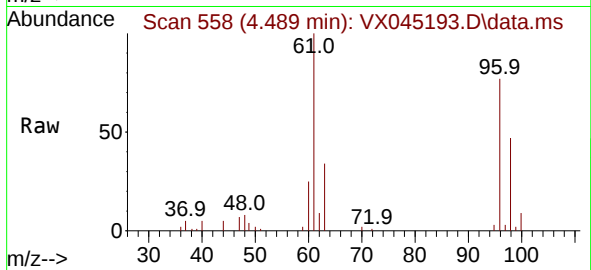




#27
 cis-1,2-Dichloroethene
 Concen: 16.084 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX045193.D
 Acq: 10 Mar 2025 14:06

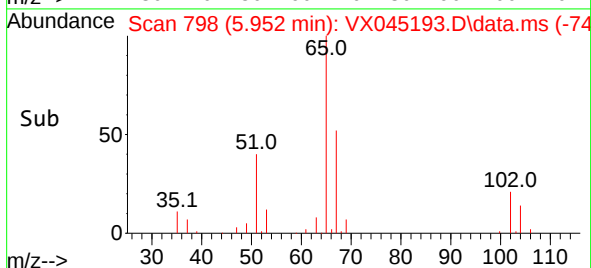
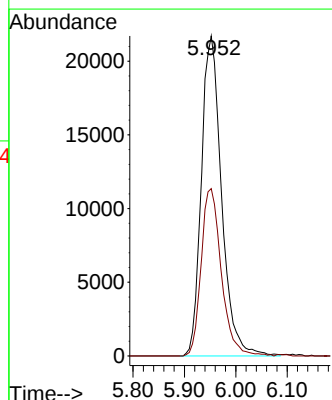
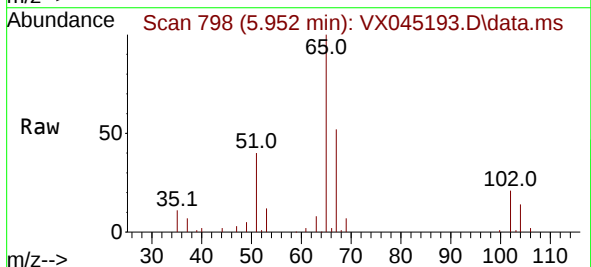
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20250305

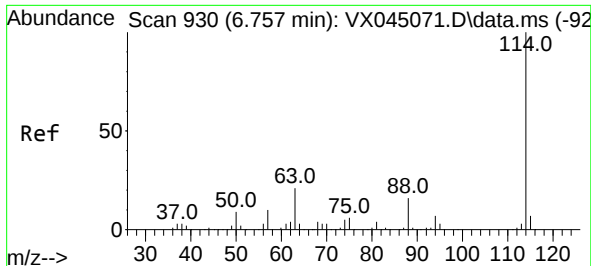
Tgt Ion: 96 Resp: 17163
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 283.2
 98 65.1 0.0 128.0



#33
 1,2-Dichloroethane-d4
 Concen: 52.429 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045193.D
 Acq: 10 Mar 2025 14:06

Tgt Ion: 65 Resp: 59385
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2

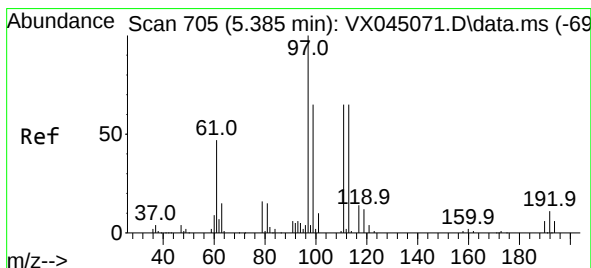
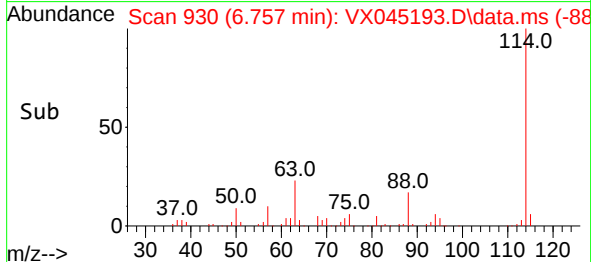
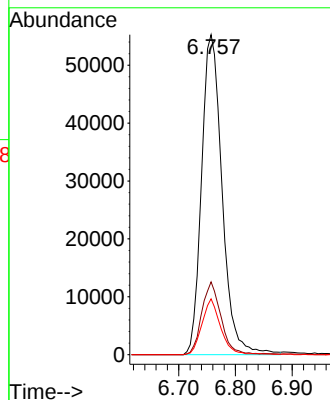
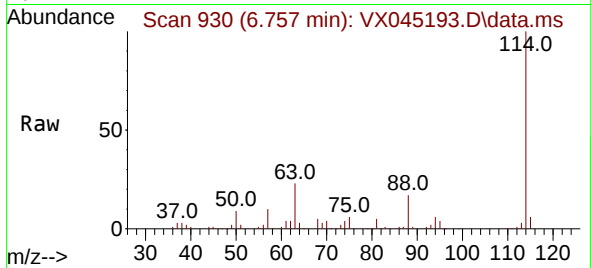




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045193.D
Acq: 10 Mar 2025 14:06

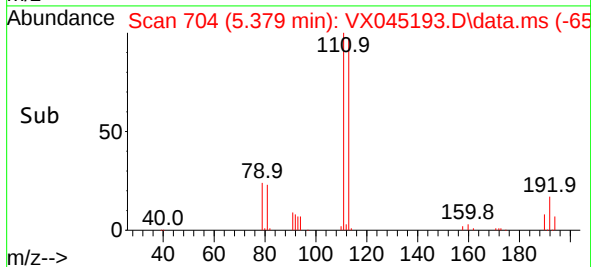
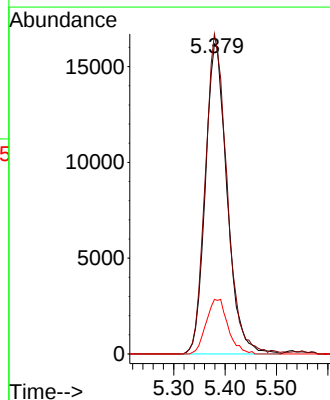
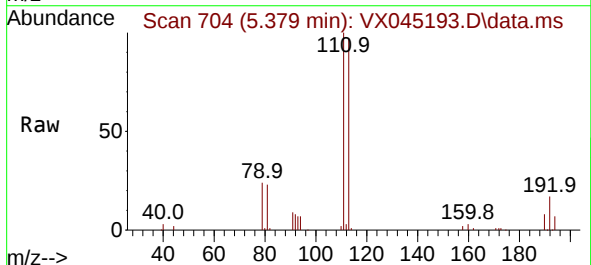
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20250305

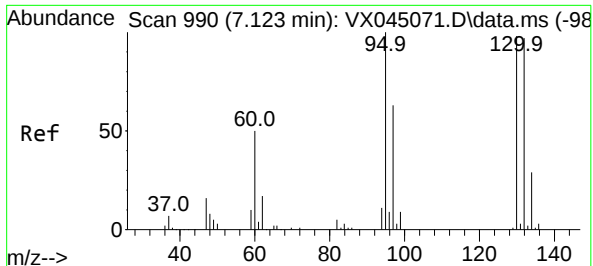
Tgt Ion:114 Resp: 139400
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.8
88 17.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.125 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045193.D
Acq: 10 Mar 2025 14:06

Tgt Ion:113 Resp: 47655
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 17.7 14.3 21.5

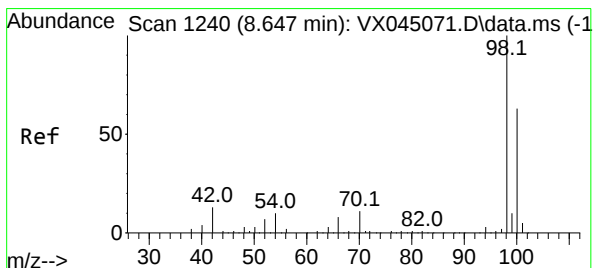
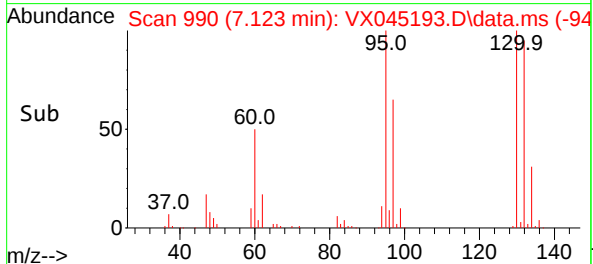
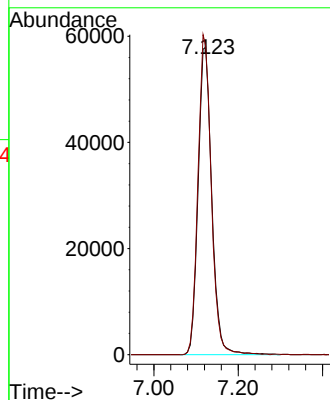
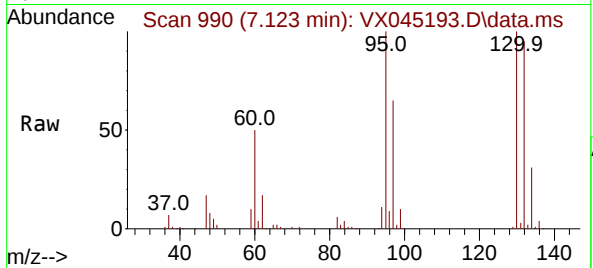




#44
Trichloroethene
Concen: 137.601 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045193.D
Acq: 10 Mar 2025 14:06

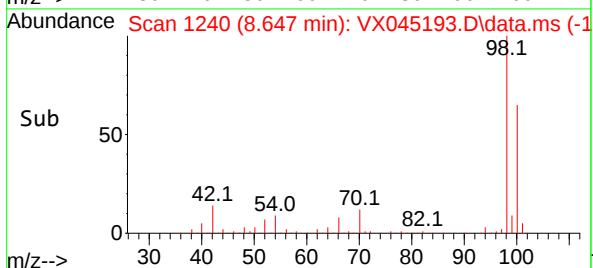
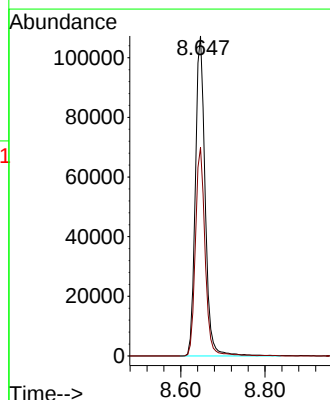
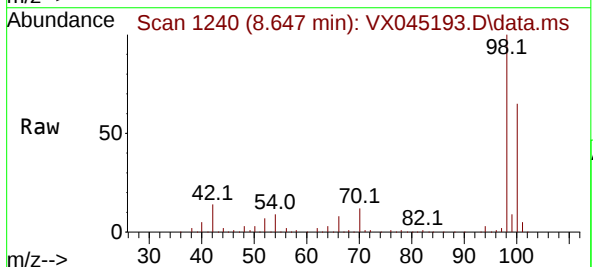
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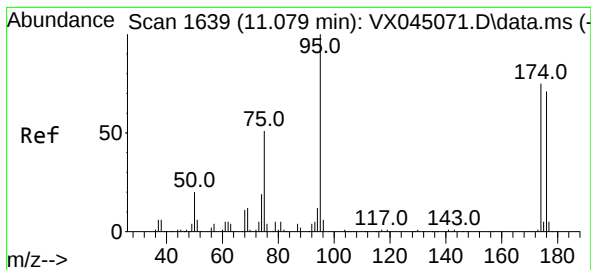
Tgt Ion:130 Resp: 130424
Ion Ratio Lower Upper
130 100
95 100.5 0.0 205.0



#50
Toluene-d8
Concen: 51.193 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045193.D
Acq: 10 Mar 2025 14:06

Tgt Ion: 98 Resp: 172996
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

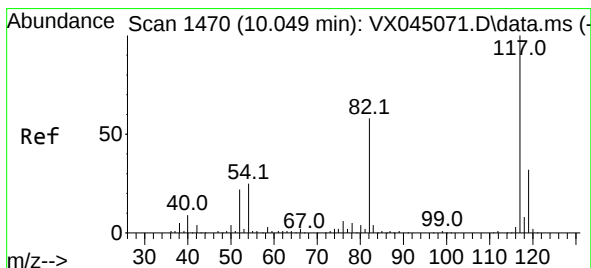
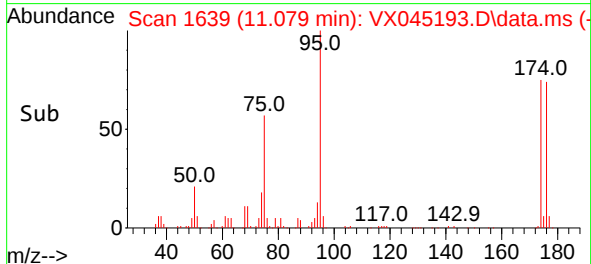
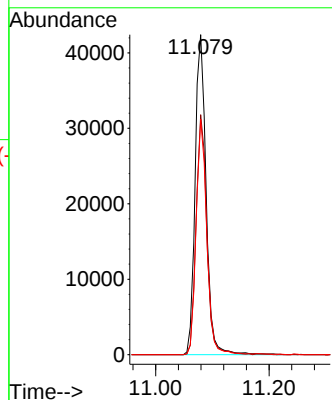
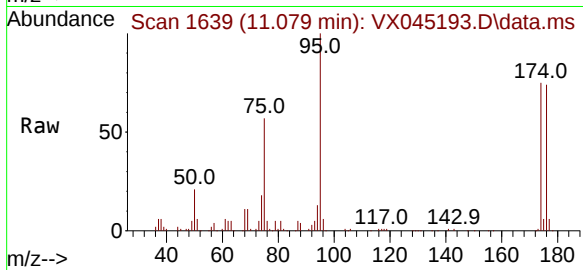




#62
4-Bromofluorobenzene
Concen: 50.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045193.D
Acq: 10 Mar 2025 14:06

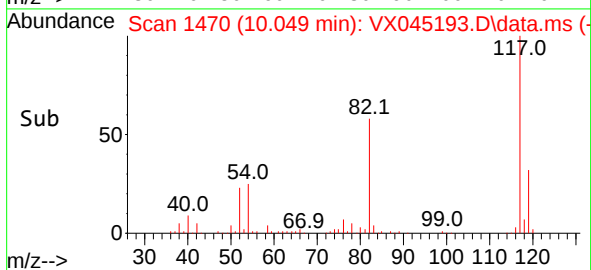
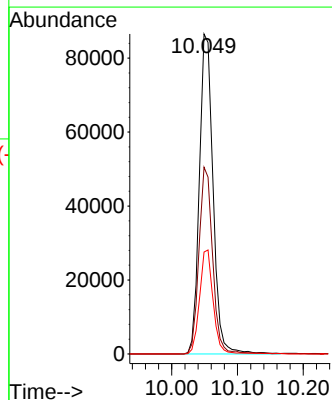
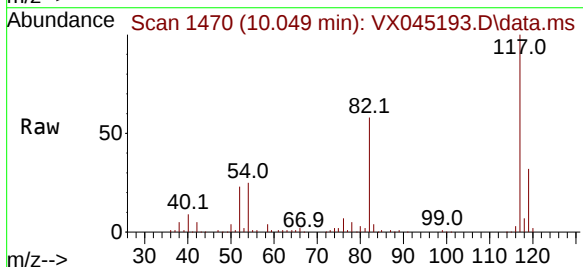
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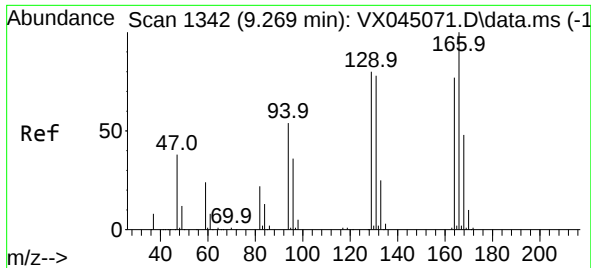
Tgt Ion: 95 Resp: 56985
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.2
176 71.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045193.D
Acq: 10 Mar 2025 14:06

Tgt Ion: 117 Resp: 125505
Ion Ratio Lower Upper
117 100
82 58.4 46.3 69.5
119 31.8 25.7 38.5

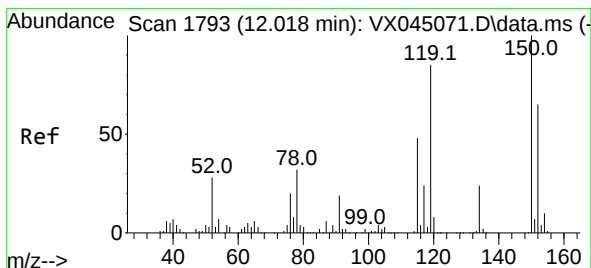
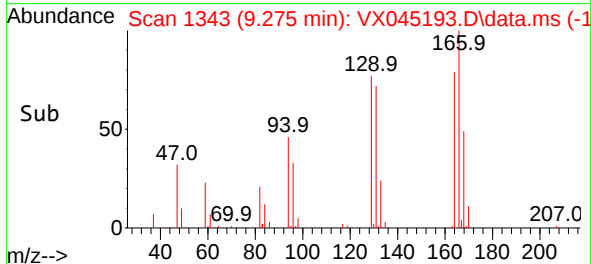
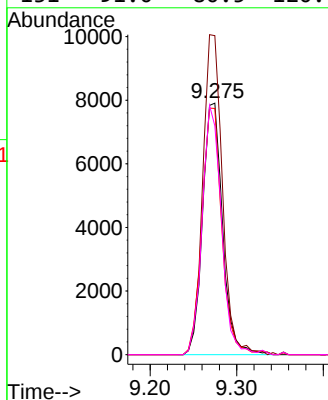
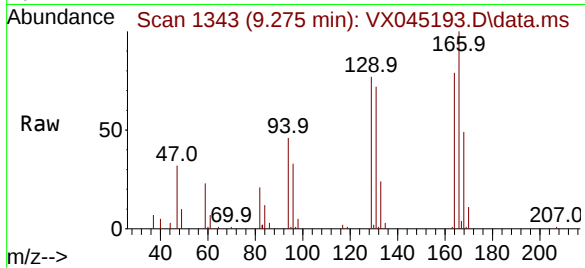




#64
Tetrachloroethene
Concen: 15.736 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045193.D
Acq: 10 Mar 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20250305

Tgt Ion:164	Resp:	12649
Ion	Ratio	Lower Upper
164	100	
166	126.9	103.6 155.4
129	97.9	82.7 124.1
131	91.0	80.5 120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045193.D
Acq: 10 Mar 2025 14:06

Tgt Ion:152	Resp:	50384
Ion	Ratio	Lower Upper
152	100	
115	60.6	44.2 132.6
150	158.6	0.0 349.0

