

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045218.D
 Acq On : 11 Mar 2025 12:50
 Operator : JC/MD
 Sample : Q1500-07DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20250305DL

Quant Time: Mar 12 01:47:15 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)

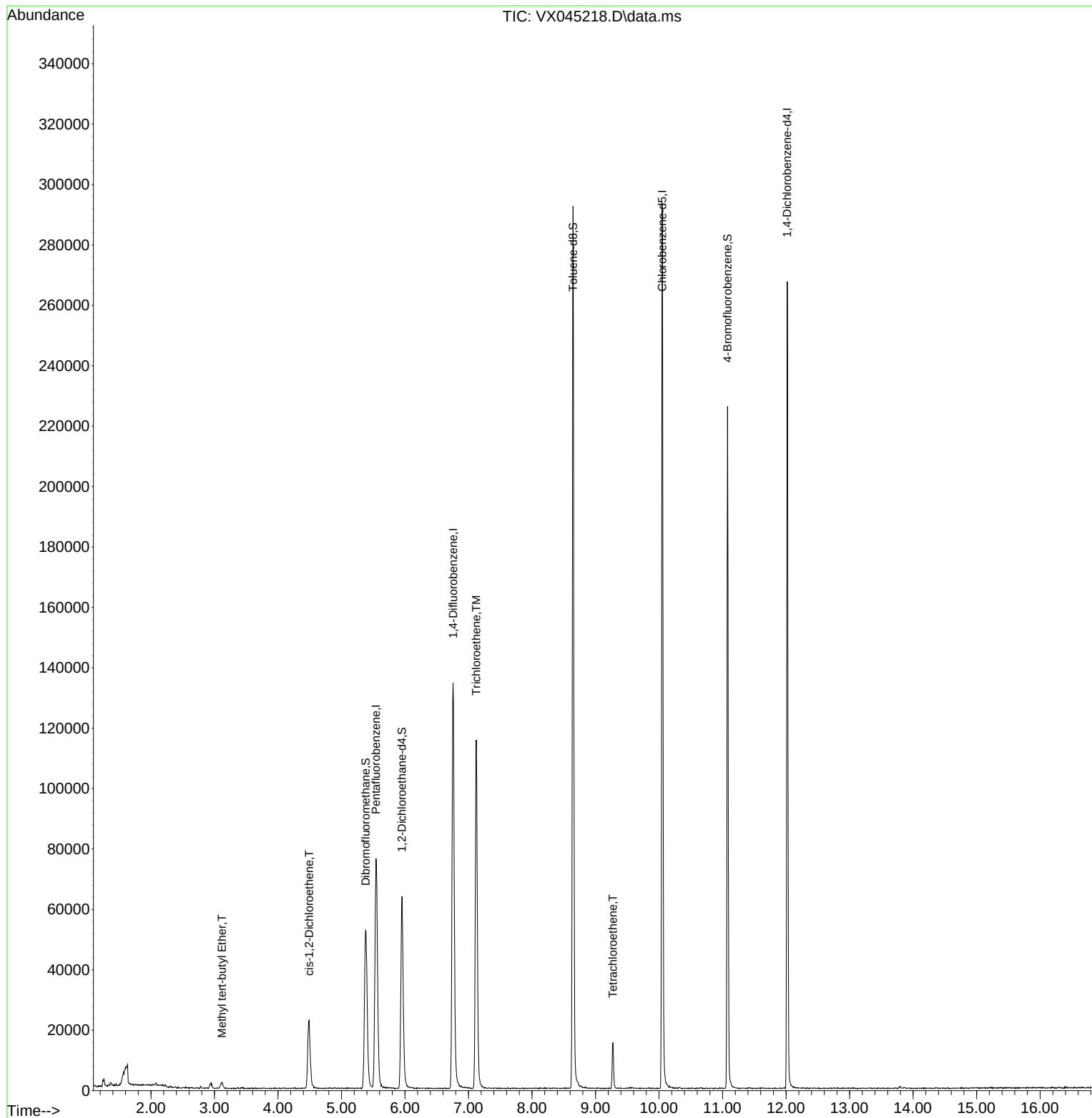
Internal Standards						
1) Pentafluorobenzene	5.544	168	69879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58225	52.383	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.760%	
35) Dibromofluoromethane	5.379	113	47072	51.407	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.820%	
50) Toluene-d8	8.647	98	171563	51.681	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.360%	
62) 4-Bromofluorobenzene	11.079	95	58778	53.433	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.860%	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.117	73	1927	0.669	ug/l	# 75
27) cis-1,2-Dichloroethene	4.489	96	14319	13.674	ug/l	94
44) Trichloroethene	7.123	130	44154	47.421	ug/l	96
64) Tetrachloroethene	9.275	164	2960	3.559	ug/l	89

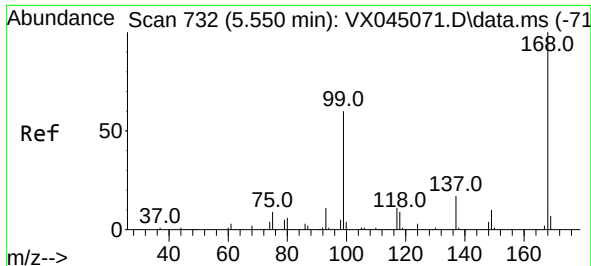
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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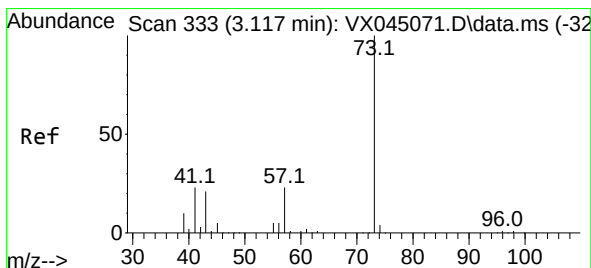
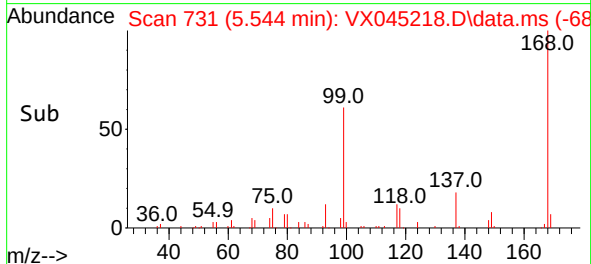
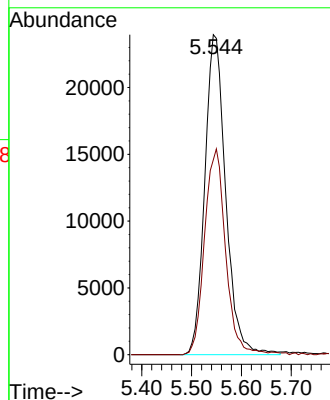
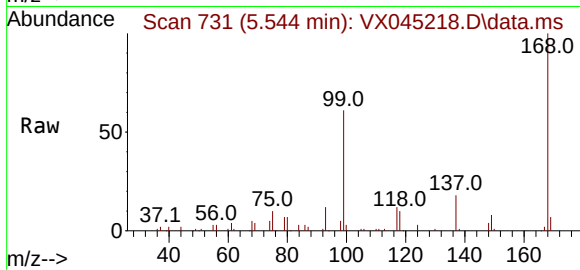




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045218.D
Acq: 11 Mar 2025 12:50

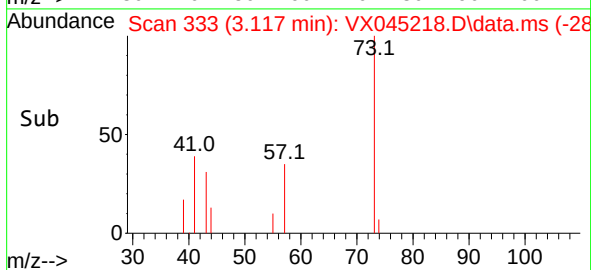
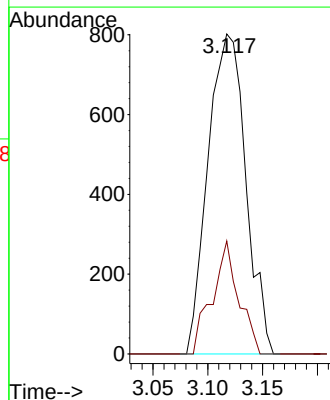
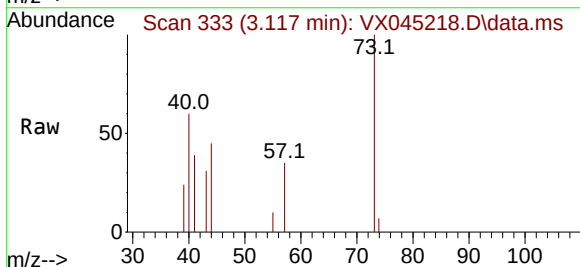
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20250305DL

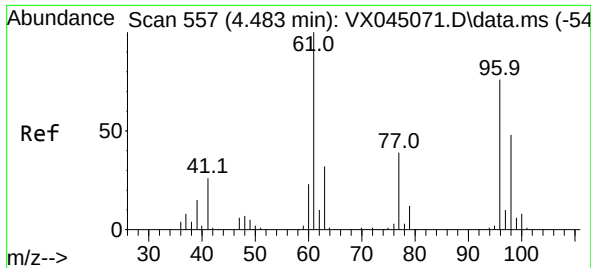
Tgt Ion:168 Resp: 69879
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#19
Methyl tert-butyl Ether
Concen: 0.669 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX045218.D
Acq: 11 Mar 2025 12:50

Tgt Ion: 73 Resp: 1927
Ion Ratio Lower Upper
73 100
57 35.3 18.5 27.7#





#27

cis-1,2-Dichloroethene

Concen: 13.674 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX045218.D

Acq: 11 Mar 2025 12:50

Instrument :

MSVOA_X

ClientSampleId :

MW179D-20250305DL

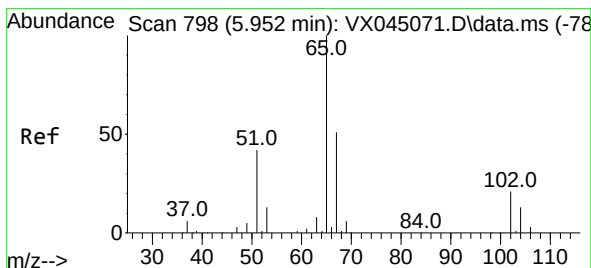
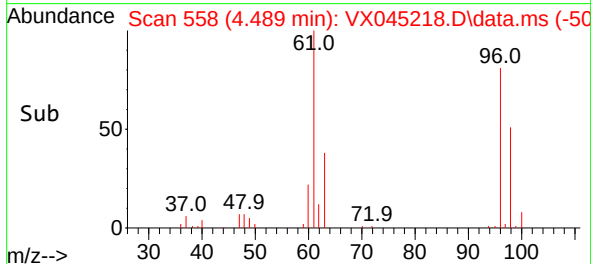
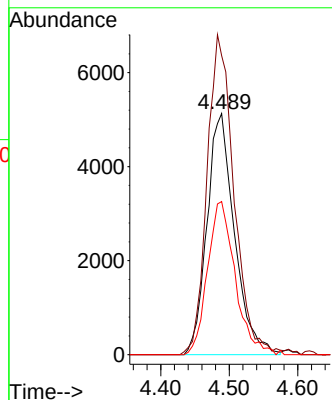
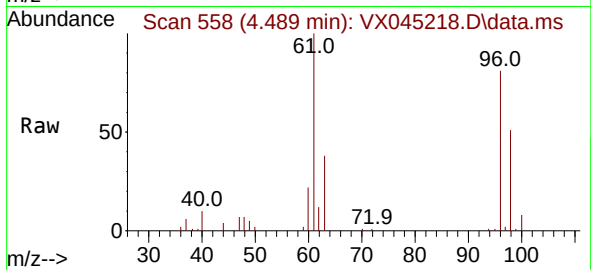
Tgt Ion: 96 Resp: 14319

Ion Ratio Lower Upper

96 100

61 130.3 0.0 283.2

98 63.8 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 52.383 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045218.D

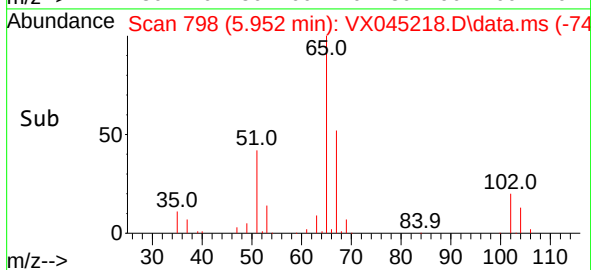
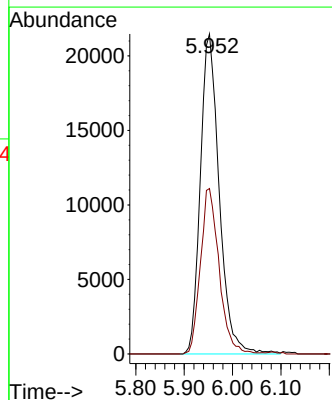
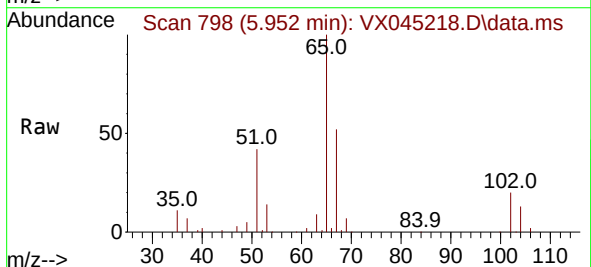
Acq: 11 Mar 2025 12:50

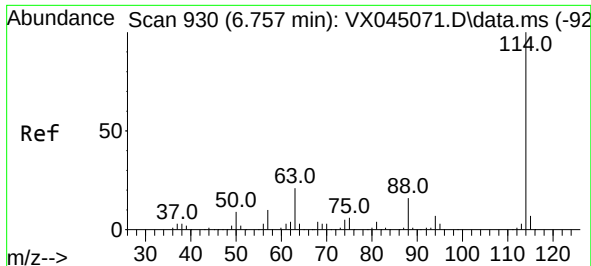
Tgt Ion: 65 Resp: 58225

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.2

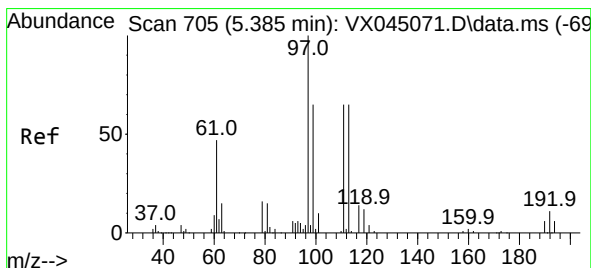
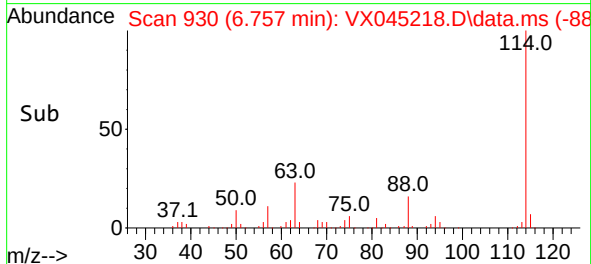
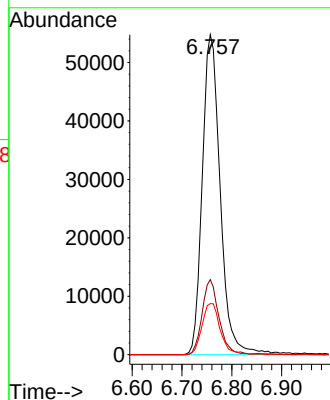
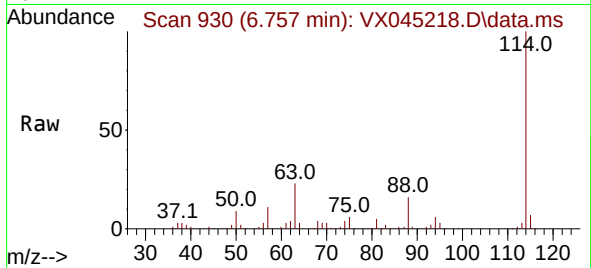




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045218.D
 Acq: 11 Mar 2025 12:50

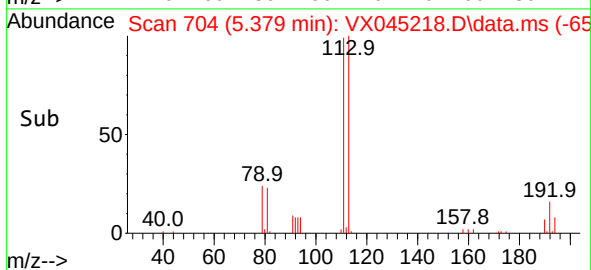
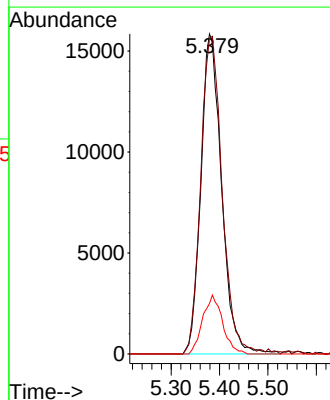
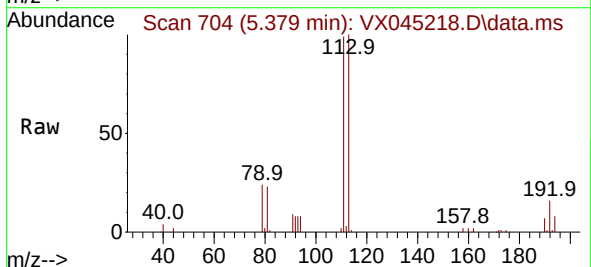
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20250305DL

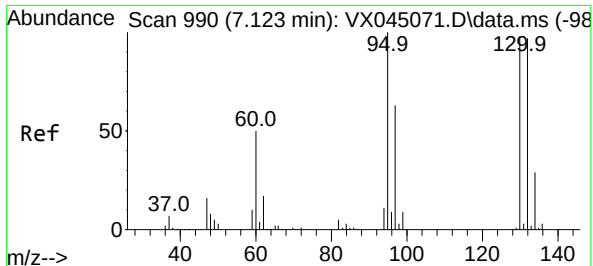
Tgt Ion:114 Resp: 136939
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 41.8
 88 15.9 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 51.407 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX045218.D
 Acq: 11 Mar 2025 12:50

Tgt Ion:113 Resp: 47072
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.6
 192 17.7 14.3 21.5

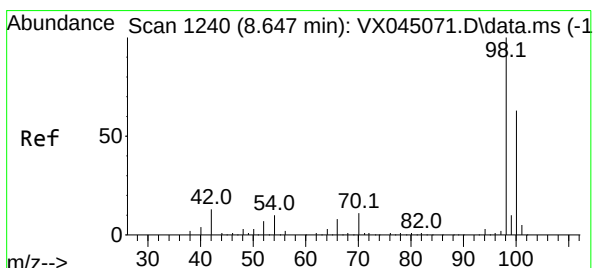
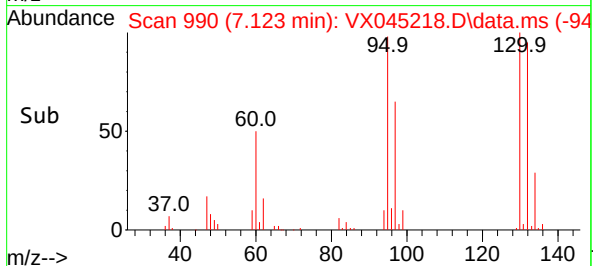
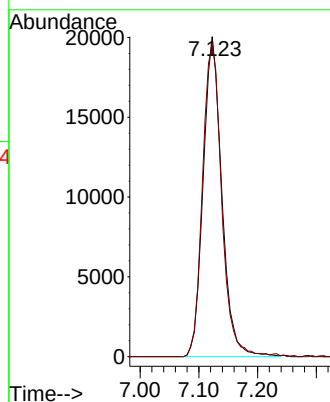
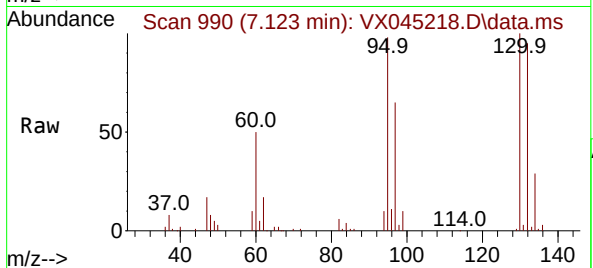




#44
Trichloroethene
Concen: 47.421 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045218.D
Acq: 11 Mar 2025 12:50

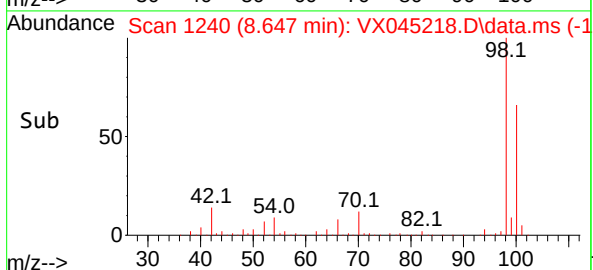
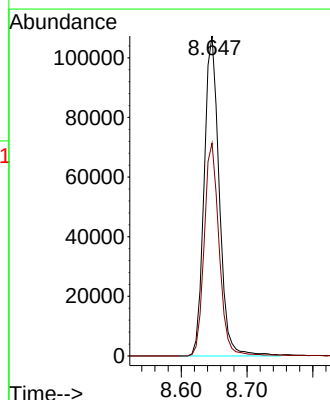
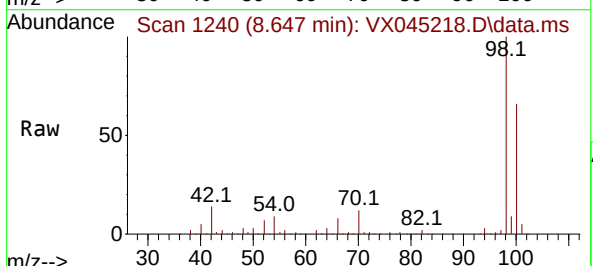
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ClientSampleId :
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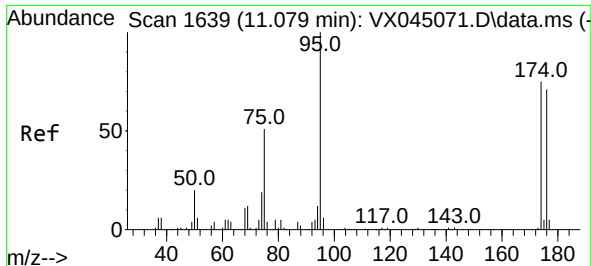
Tgt Ion:130 Resp: 44154
Ion Ratio Lower Upper
130 100
95 98.0 0.0 205.0



#50
Toluene-d8
Concen: 51.681 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045218.D
Acq: 11 Mar 2025 12:50

Tgt Ion: 98 Resp: 171563
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

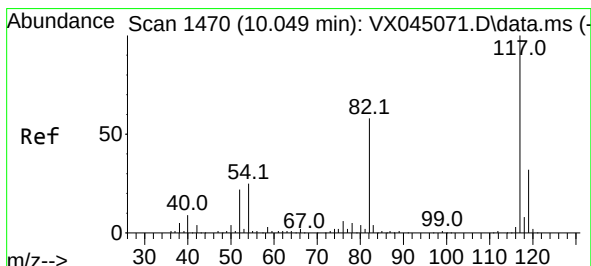
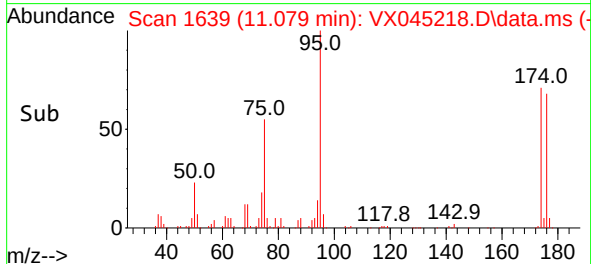
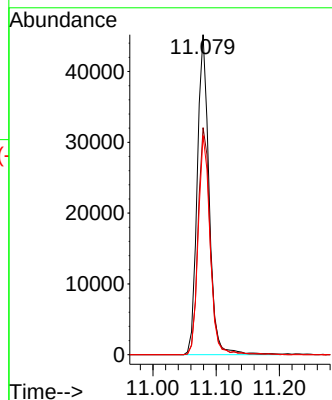
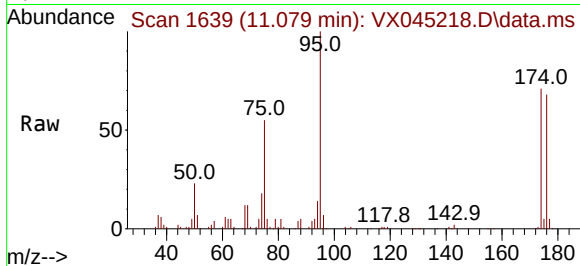




#62
4-Bromofluorobenzene
Concen: 53.433 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045218.D
Acq: 11 Mar 2025 12:50

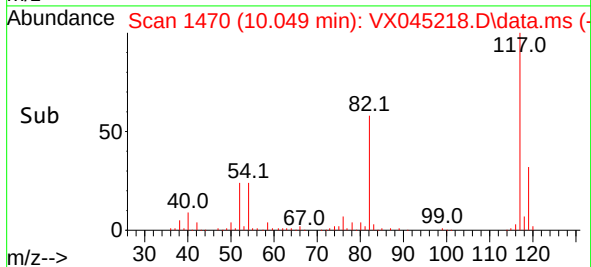
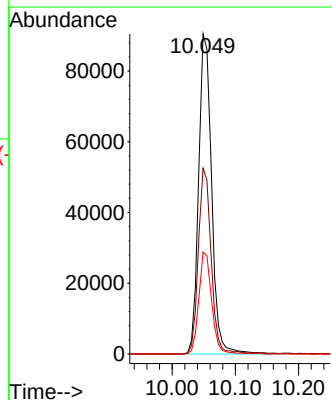
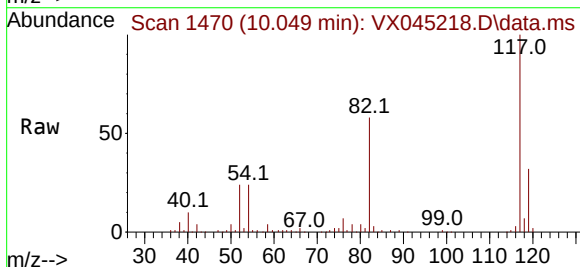
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20250305DL

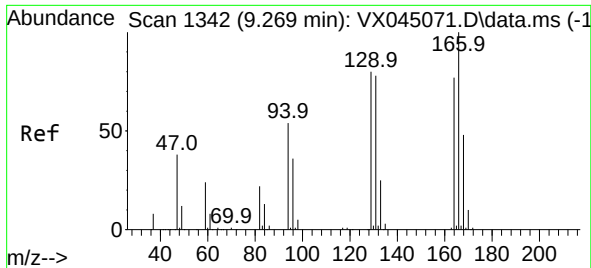
Tgt Ion: 95 Resp: 58778
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.2
176 68.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045218.D
Acq: 11 Mar 2025 12:50

Tgt Ion: 117 Resp: 129865
Ion Ratio Lower Upper
117 100
82 58.0 46.3 69.5
119 31.9 25.7 38.5

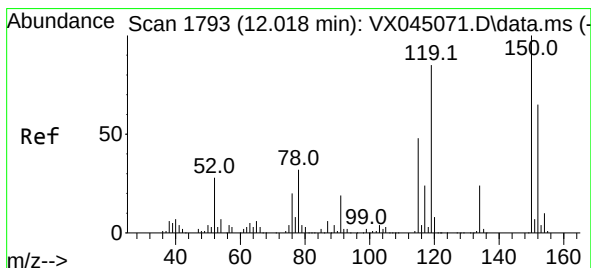
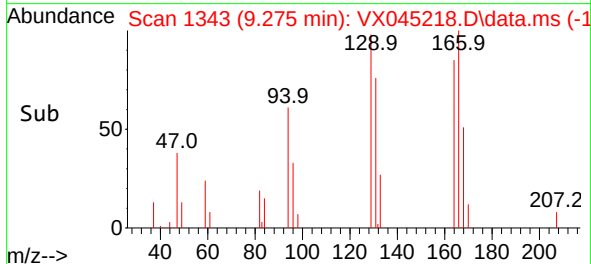
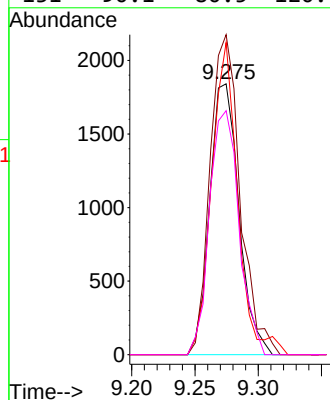
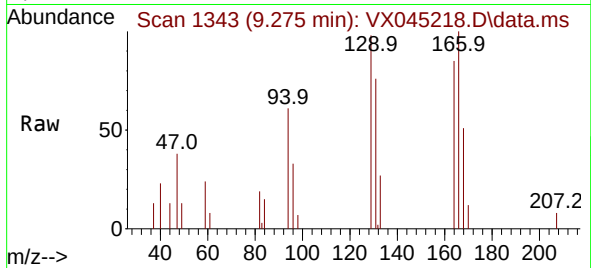




#64
Tetrachloroethene
Concen: 3.559 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045218.D
Acq: 11 Mar 2025 12:50

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	2960
Ion	Ratio	Lower Upper
164	100	
166	118.1	103.6 155.4
129	115.3	82.7 124.1
131	90.1	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: VX045218.D
Acq: 11 Mar 2025 12:50

Tgt Ion:152	Resp:	50835
Ion	Ratio	Lower Upper
152	100	
115	62.0	44.2 132.6
150	157.2	0.0 349.0

