

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045629.D
 Acq On : 07 Apr 2025 15:21
 Operator : JC/MD
 Sample : Q1746-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2025-4-7

Quant Time: Apr 08 01:36:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

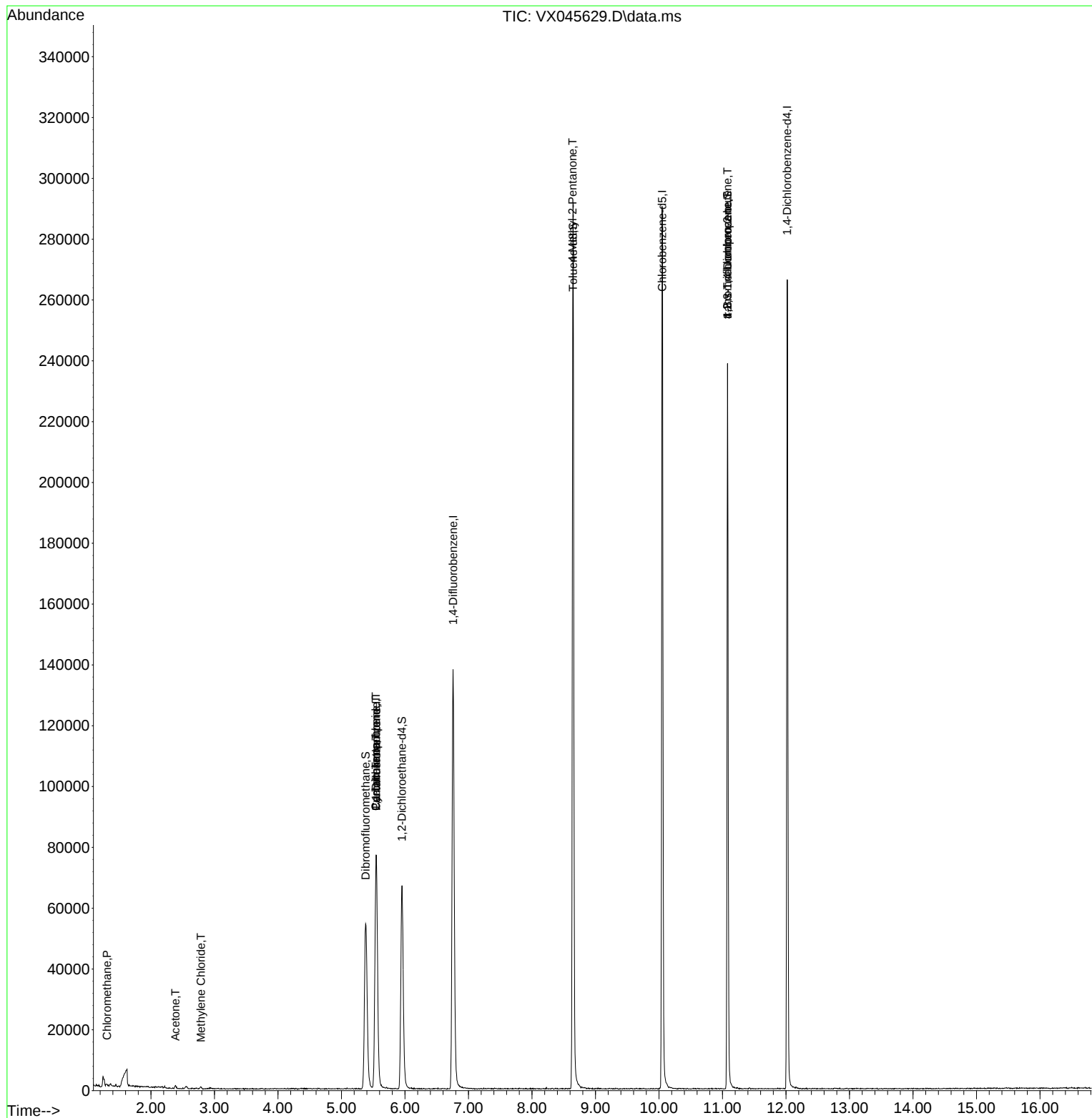
Internal Standards						
1) Pentafluorobenzene	5.550	168	64229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67959	57.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.720%	
35) Dibromofluoromethane	5.379	113	48346	52.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.820%	
50) Toluene-d8	8.647	98	162793	50.557	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	11.079	95	60662	51.721	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	748	0.758	ug/l #	75
16) Acetone	2.386	43	992	2.057	ug/l #	84
20) Methylene Chloride	2.788	84	287	0.318	ug/l #	56
31) Cyclohexane	5.544	56	2123	1.473	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	6671	5.356	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7525	5.590	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	982	0.623	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35498	29.291	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35498	99.410	ug/l #	1

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

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TB-2025-4-7

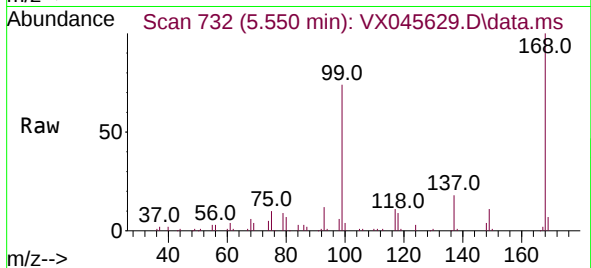
Quant Time: Apr 08 01:36:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



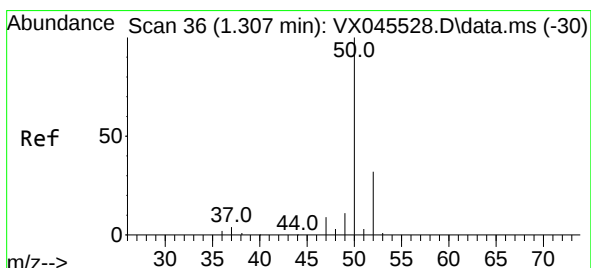
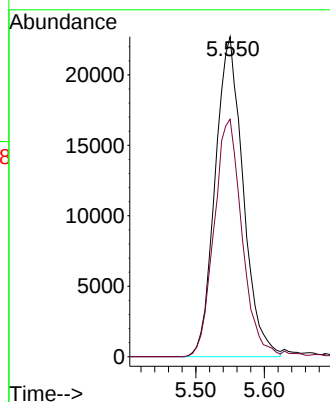
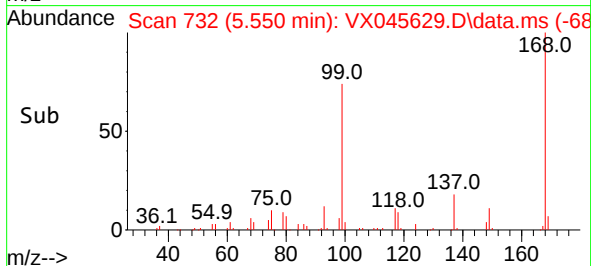


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
TB-2025-4-7

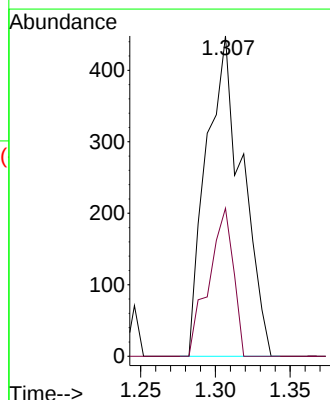
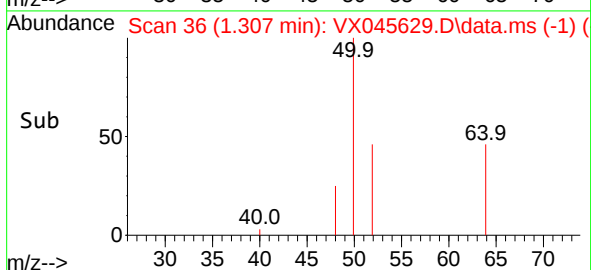
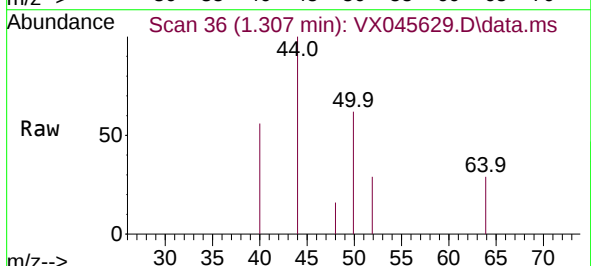


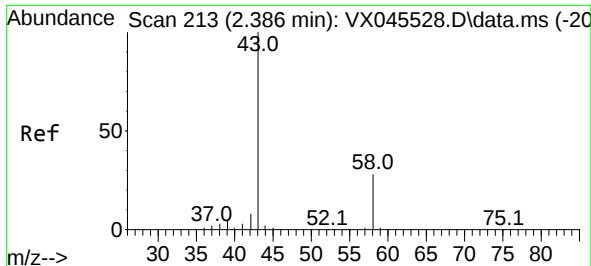
Tgt Ion:168 Resp: 64229
Ion Ratio Lower Upper
168 100
99 74.2 52.3 78.5



#3
Chloromethane
Concen: 0.758 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

Tgt Ion: 50 Resp: 748
Ion Ratio Lower Upper
50 100
52 46.2 25.9 38.9#

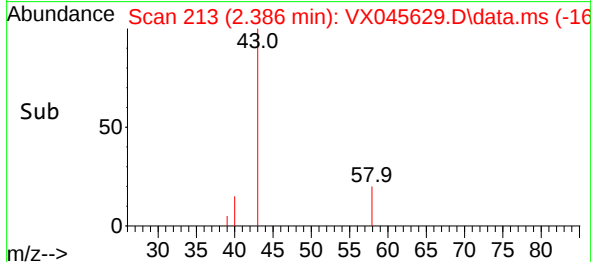
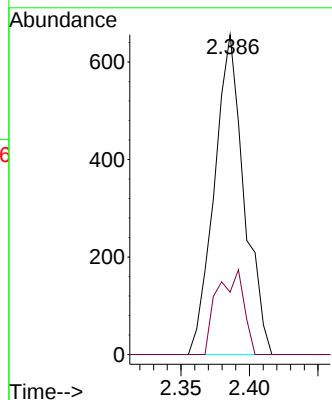
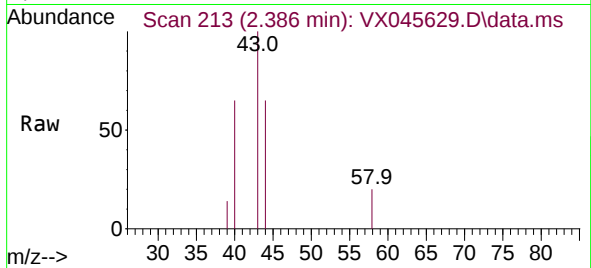




#16
Acetone
Concen: 2.057 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

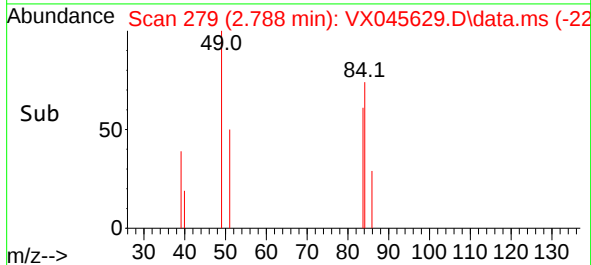
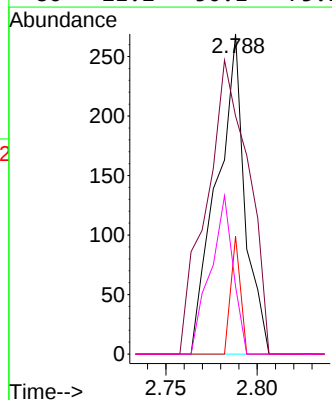
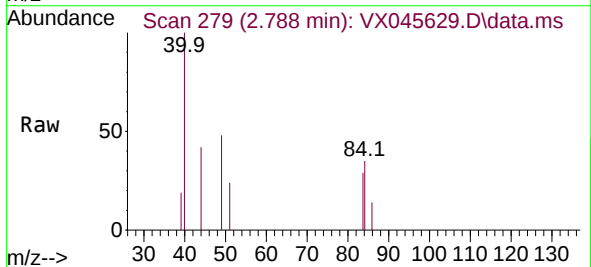
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MSVOA_X
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TB-2025-4-7

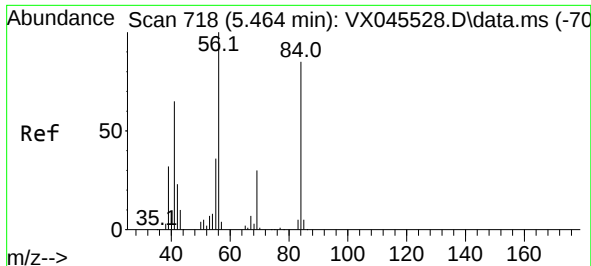
Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 19.5 22.3 33.5#



#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

Tgt Ion: 84 Resp: 287
Ion Ratio Lower Upper
84 100
49 74.3 107.5 161.3#
51 36.8 33.0 49.6
86 21.2 50.1 75.1#

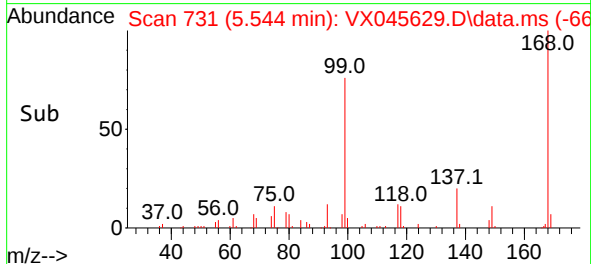
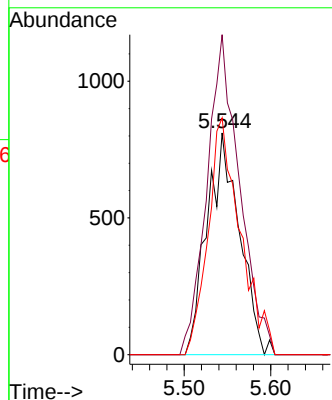
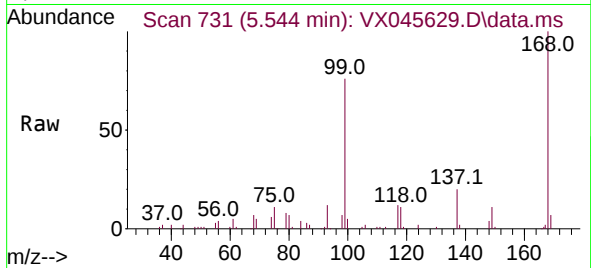




#31
Cyclohexane
Concen: 1.473 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

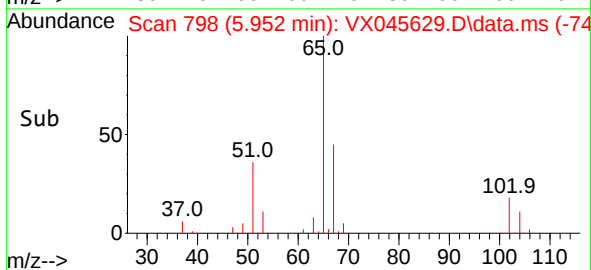
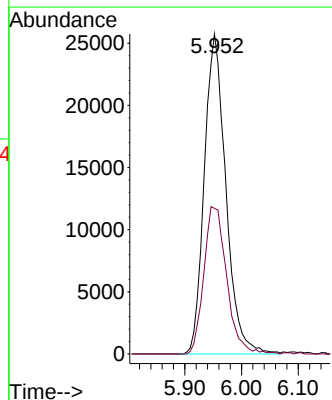
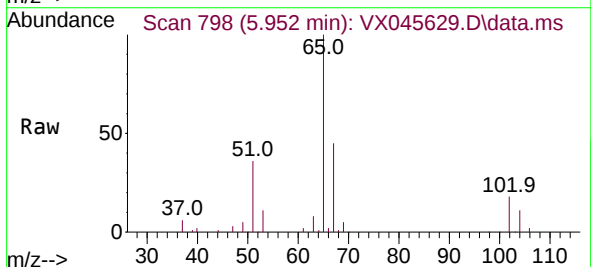
Instrument :
MSVOA_X
ClientSampleId :
TB-2025-4-7

Tgt Ion: 56 Resp: 2123
Ion Ratio Lower Upper
56 100
69 144.3 23.6 35.4#
84 106.8 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 57.858 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

Tgt Ion: 65 Resp: 67959
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

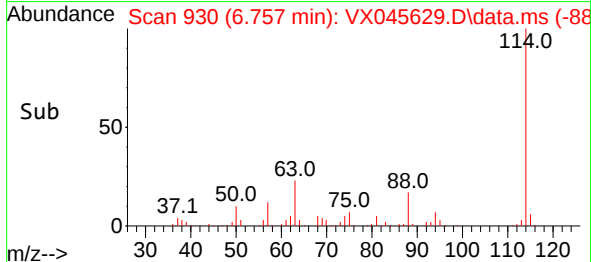
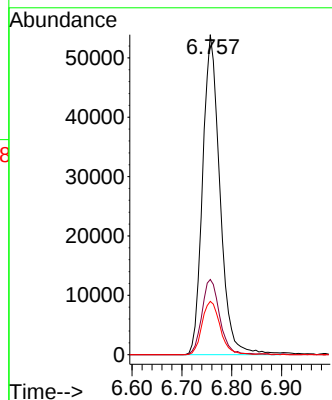
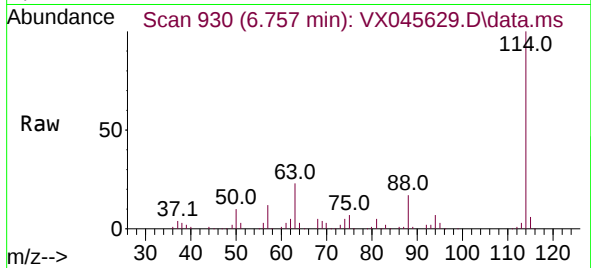




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

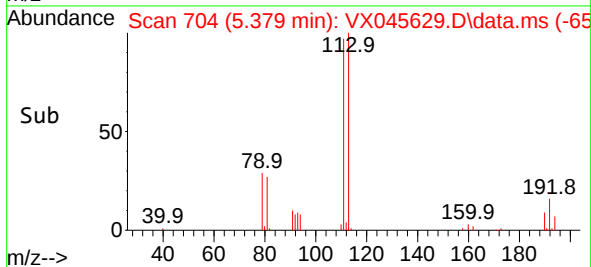
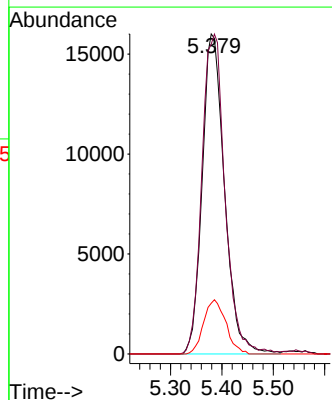
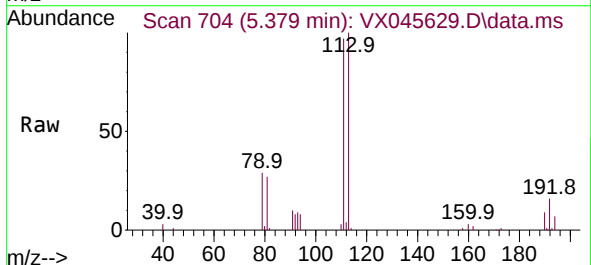
Instrument :
MSVOA_X
ClientSampleId :
TB-2025-4-7

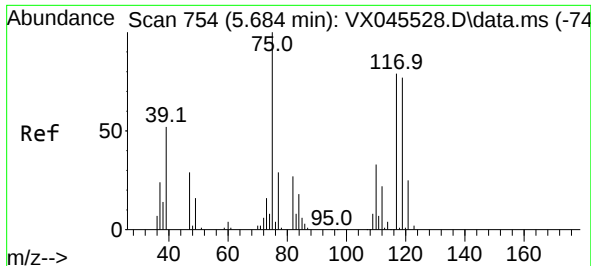
Tgt Ion:114 Resp: 130025
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.8
88 16.6 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.406 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

Tgt Ion:113 Resp: 48346
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 16.9 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.356 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045629.D

Acq: 07 Apr 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

TB-2025-4-7

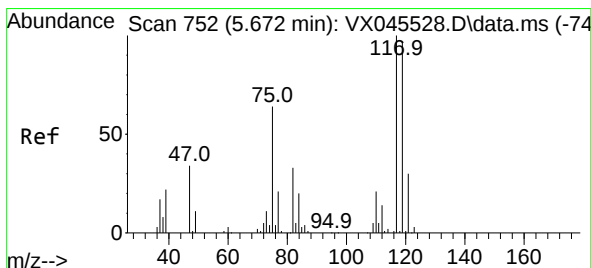
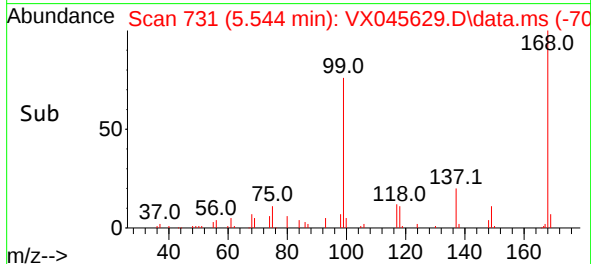
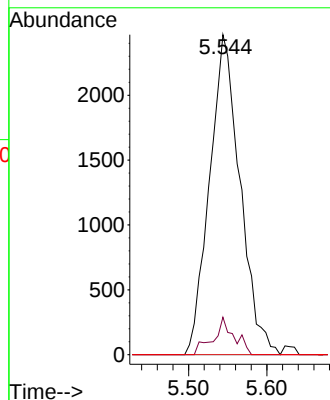
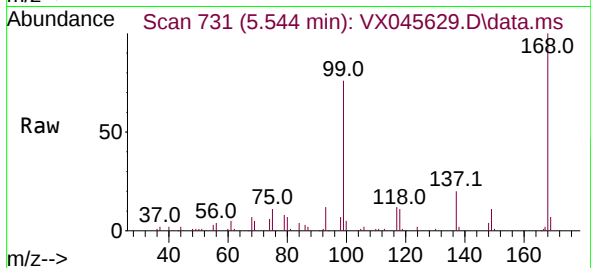
Tgt Ion: 75 Resp: 6671

Ion Ratio Lower Upper

75 100

110 7.9 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.590 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045629.D

Acq: 07 Apr 2025 15:21

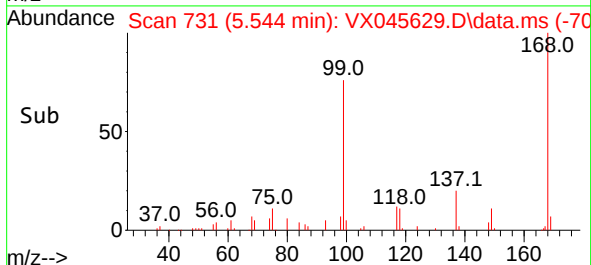
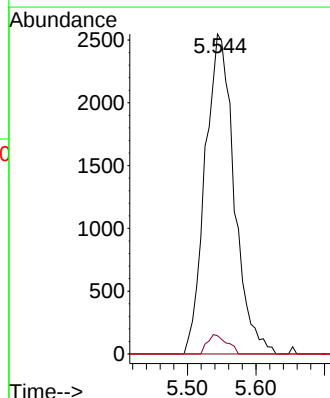
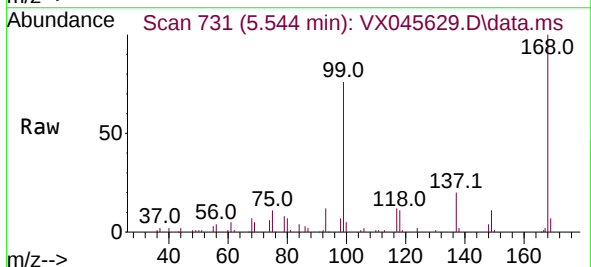
Tgt Ion: 117 Resp: 7525

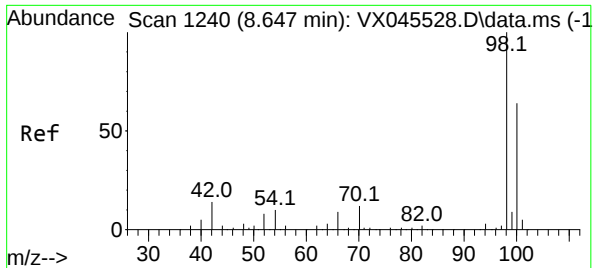
Ion Ratio Lower Upper

117 100

119 5.7 76.9 115.3#

121 0.0 24.2 36.2#

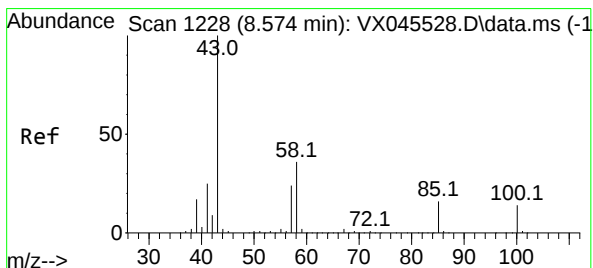
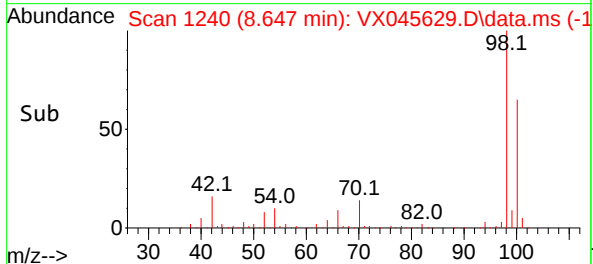
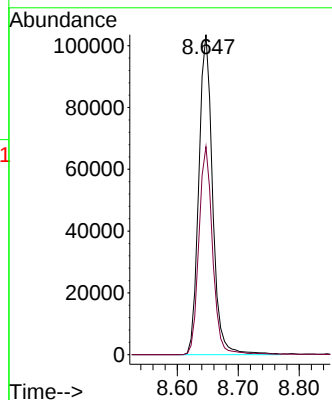
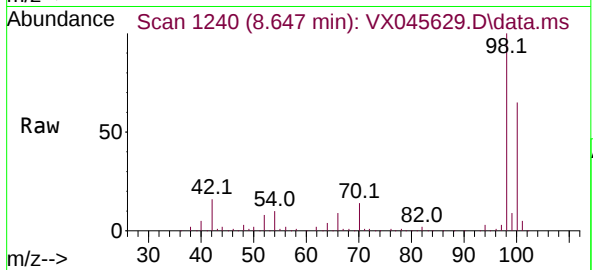




#50
Toluene-d8
Concen: 50.557 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

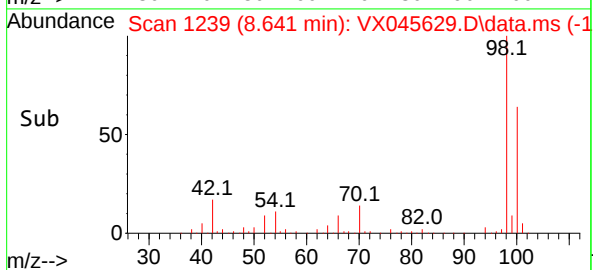
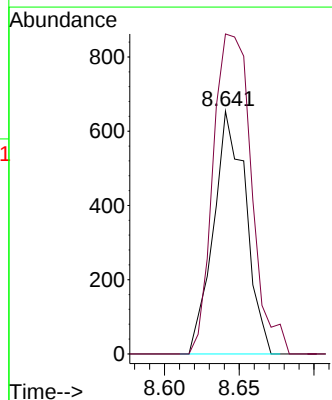
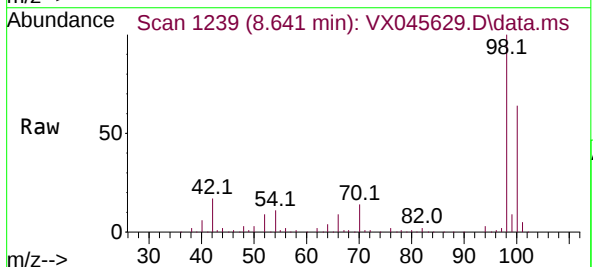
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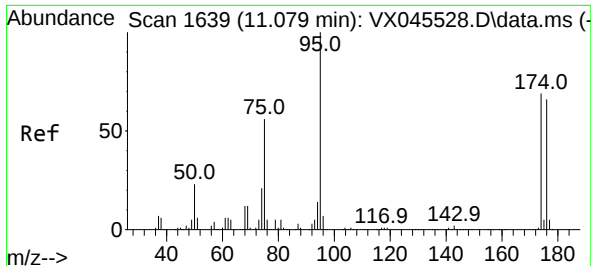
Tgt Ion: 98 Resp: 162793
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.623 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

Tgt Ion: 43 Resp: 982
Ion Ratio Lower Upper
43 100
58 156.2 28.5 42.7#

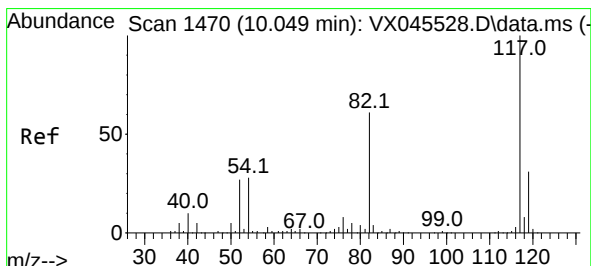
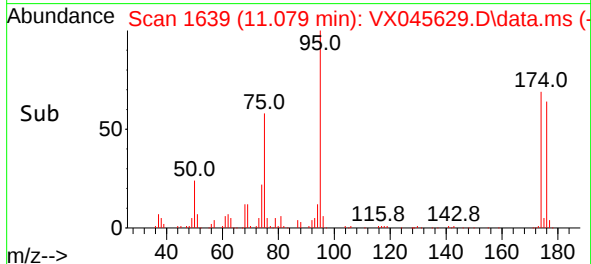
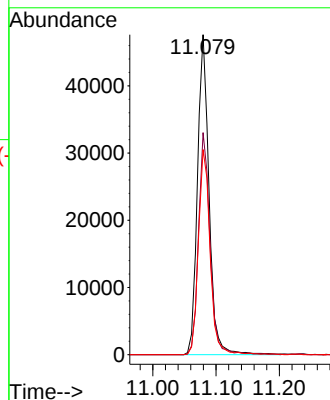
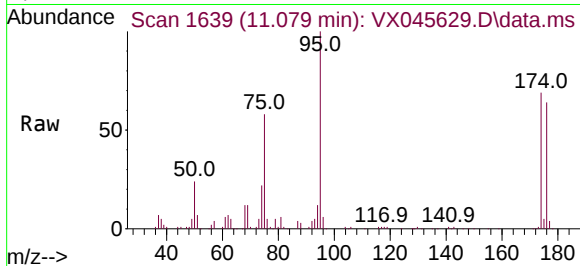




#62
4-Bromofluorobenzene
Concen: 51.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

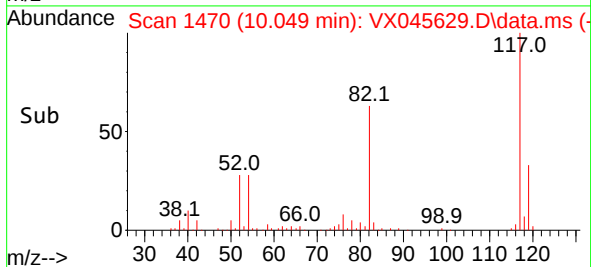
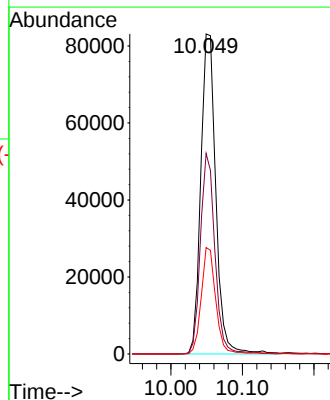
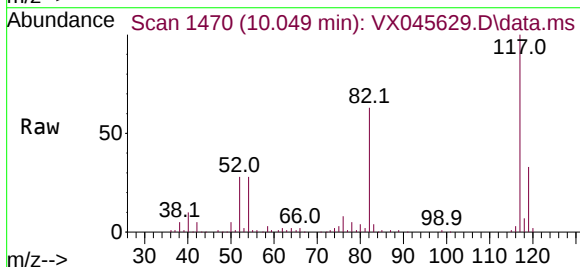
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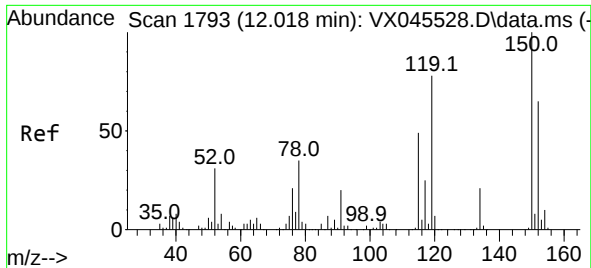
Tgt Ion: 95 Resp: 60662
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.8
176 65.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

Tgt Ion: 117 Resp: 121327
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 33.3 25.1 37.7

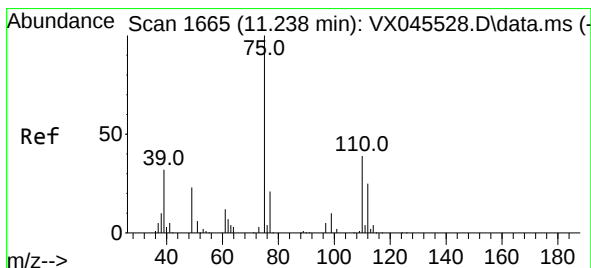
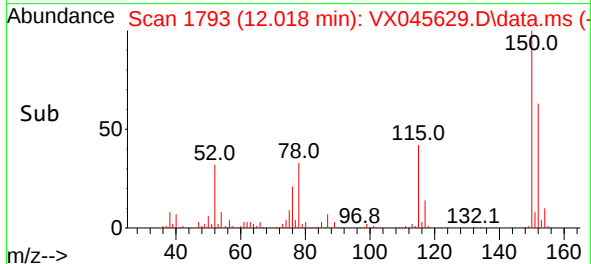
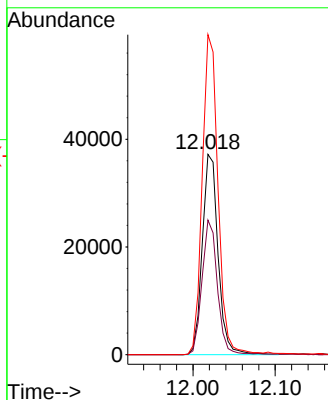
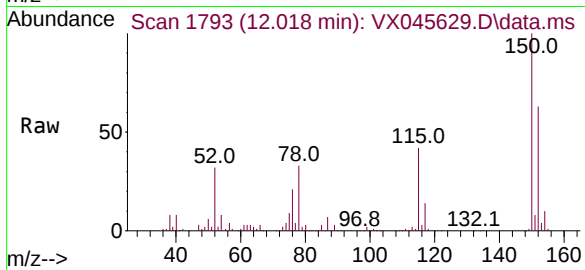




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045629.D
 Acq: 07 Apr 2025 15:21

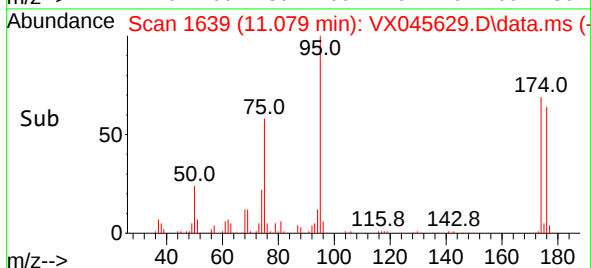
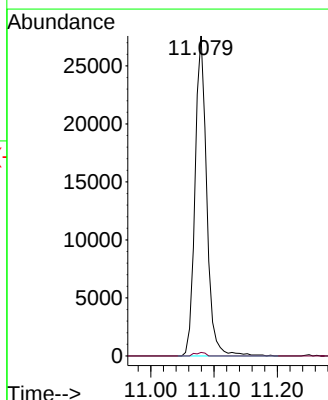
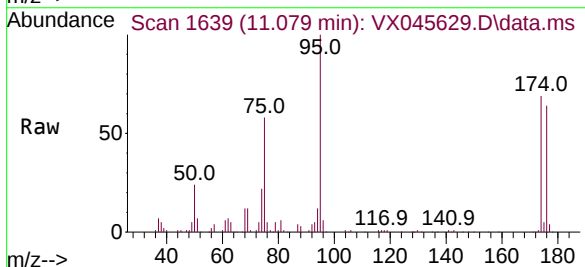
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2025-4-7

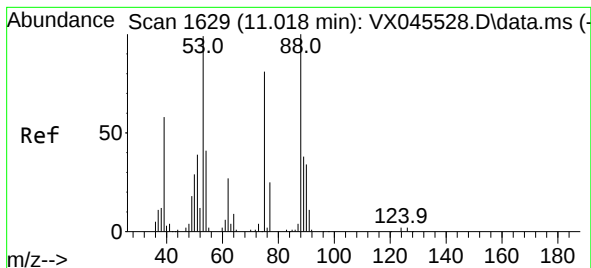
Tgt Ion:152 Resp: 49684
 Ion Ratio Lower Upper
 152 100
 115 65.4 46.9 140.7
 150 158.7 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 29.291 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045629.D
 Acq: 07 Apr 2025 15:21

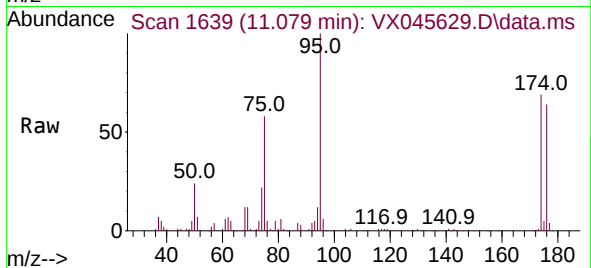
Tgt Ion: 75 Resp: 35498
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.410 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045629.D
Acq: 07 Apr 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
TB-2025-4-7



Tgt Ion: 75 Resp: 35498
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

