

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045386.D
 Acq On : 21 Mar 2025 14:28
 Operator : JC/MD
 Sample : Q1582-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20250313

Quant Time: Mar 21 23:15:42 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)

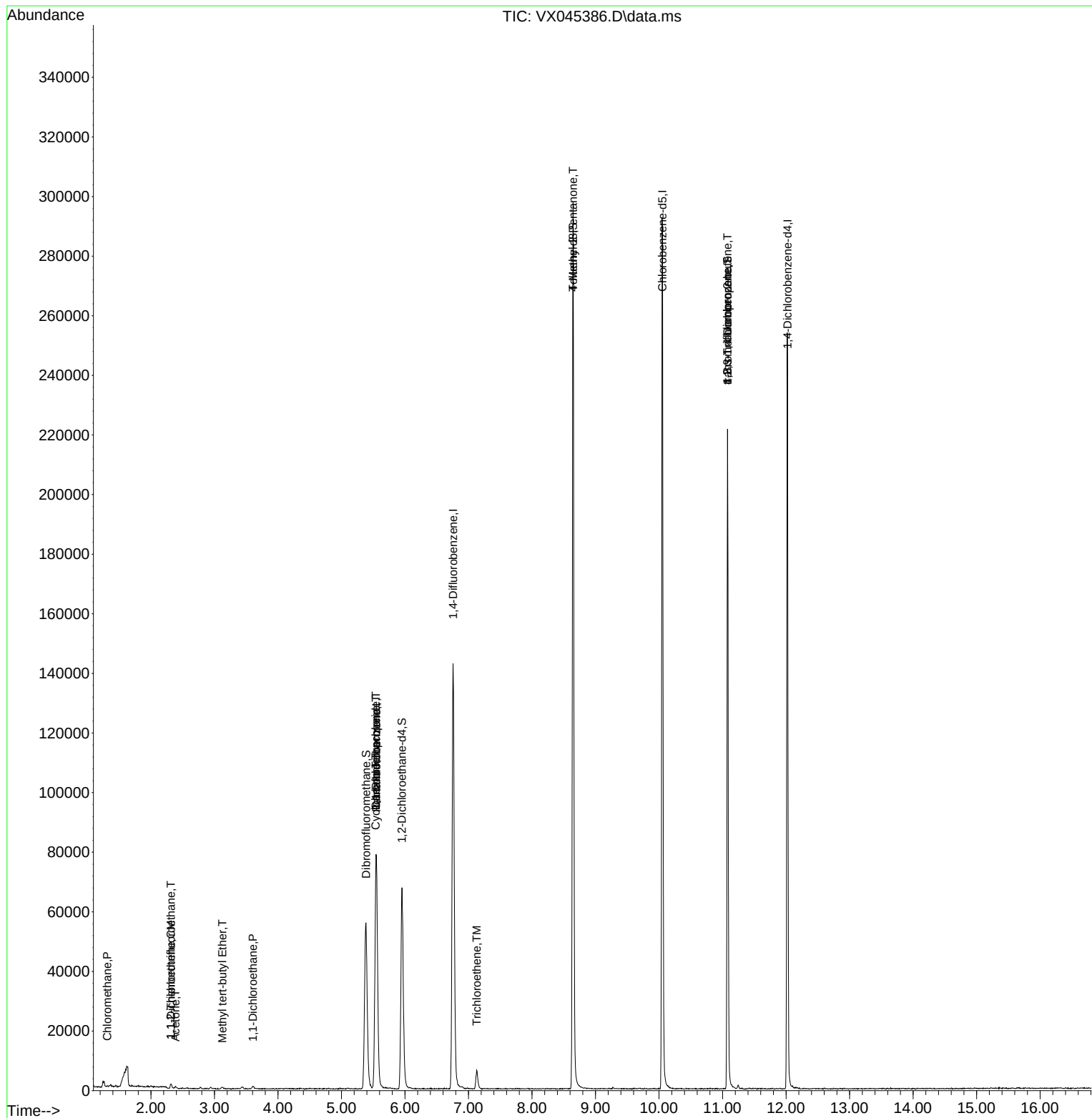
Internal Standards						
1) Pentafluorobenzene	5.550	168	70002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64244	57.696	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.400%	
35) Dibromofluoromethane	5.385	113	48098	51.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.440%	
50) Toluene-d8	8.647	98	167933	49.807	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	11.079	95	56417	50.495	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	318	0.295	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.312	101	445	0.547	ug/l	96
12) 1,1-Dichloroethene	2.312	96	281	0.327	ug/l #	50
16) Acetone	2.386	43	731	1.415	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	681	0.236	ug/l #	52
24) 1,1-Dichloroethane	3.605	63	1385	0.794	ug/l #	83
31) Cyclohexane	5.537	56	977	0.645	ug/l #	17
36) 1,1-Dichloropropene	5.544	75	6531	5.121	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8204	6.336	ug/l #	16
44) Trichloroethene	7.129	130	2400	2.538	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1050	0.643	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32623	28.842	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32623	98.702	ug/l #	6

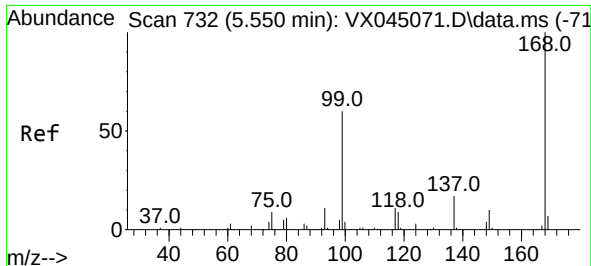
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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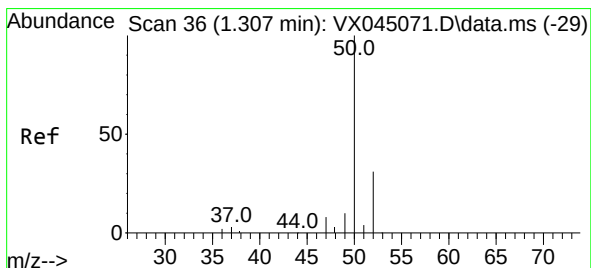
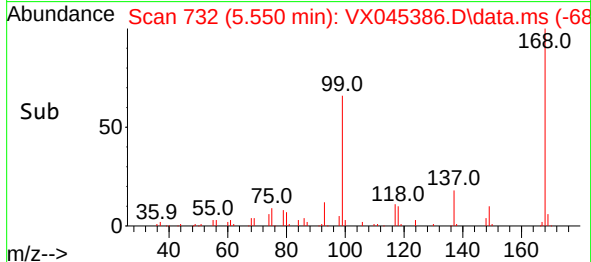
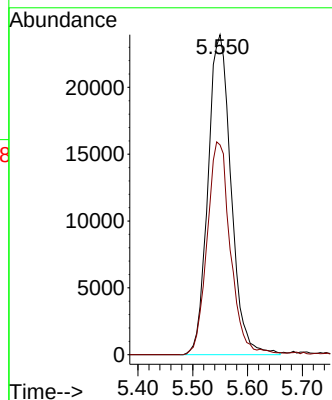
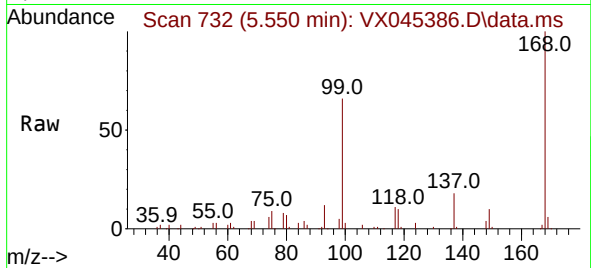




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

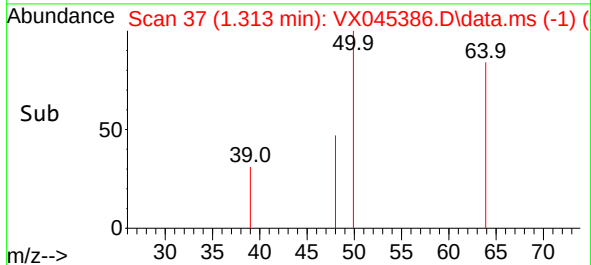
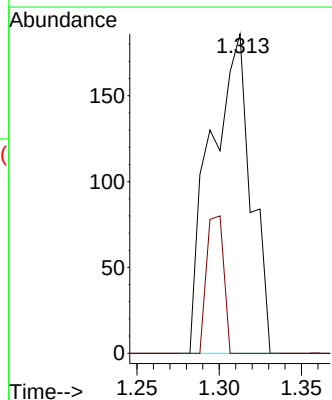
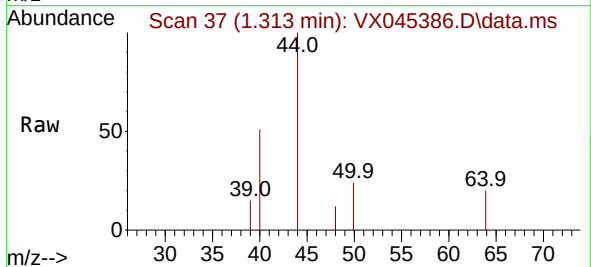
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

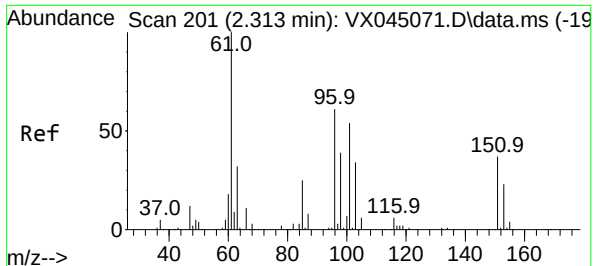
Tgt Ion:168 Resp: 70002
Ion Ratio Lower Upper
168 100
99 65.6 48.2 72.4



#3
Chloromethane
Concen: 0.295 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

Tgt Ion: 50 Resp: 318
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

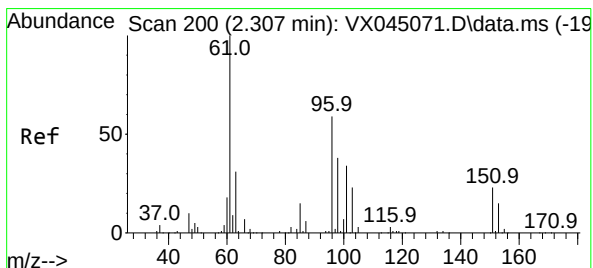
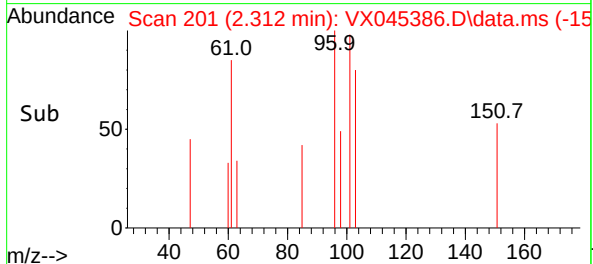
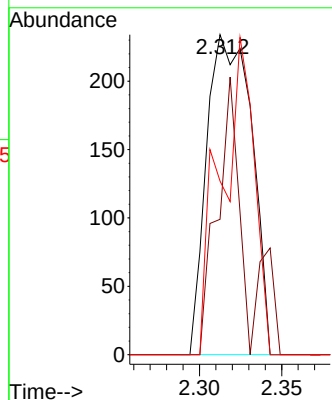
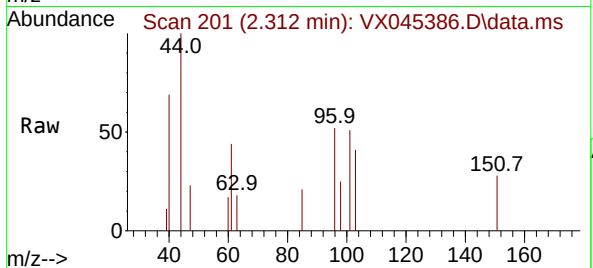




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.547 ug/l
 RT: 2.312 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX045386.D
 Acq: 21 Mar 2025 14:28

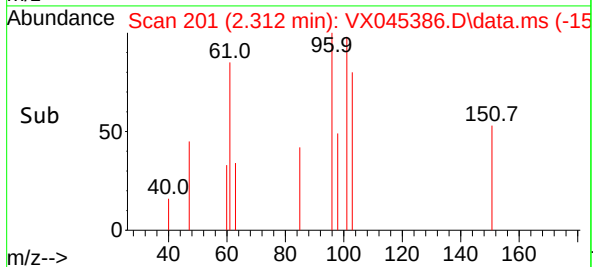
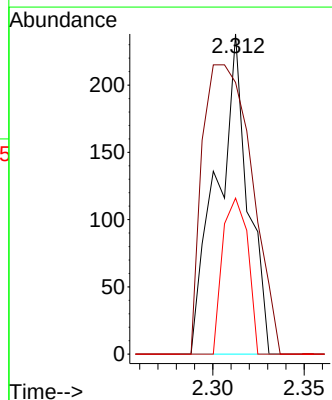
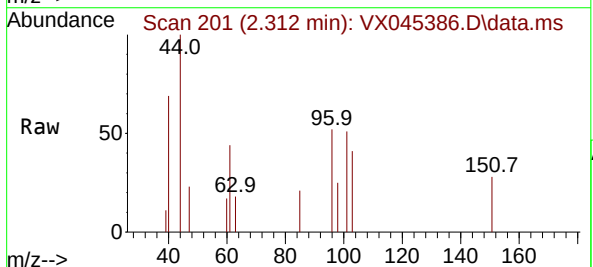
Instrument :
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 ClientSampleId :
 TT180D-20250313

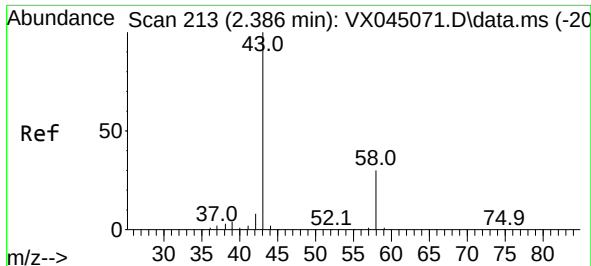
Tgt Ion:101 Resp: 445
 Ion Ratio Lower Upper
 101 100
 85 41.3 36.2 54.4
 151 73.3 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 0.327 ug/l
 RT: 2.312 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX045386.D
 Acq: 21 Mar 2025 14:28

Tgt Ion: 96 Resp: 281
 Ion Ratio Lower Upper
 96 100
 61 84.9 134.6 202.0#
 98 48.7 51.0 76.6#

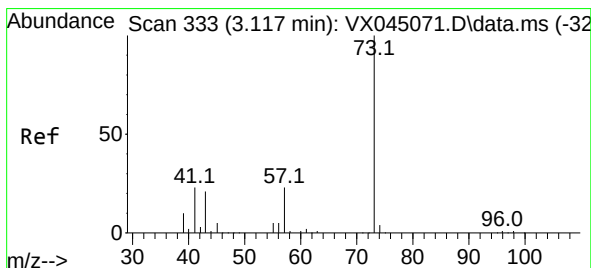
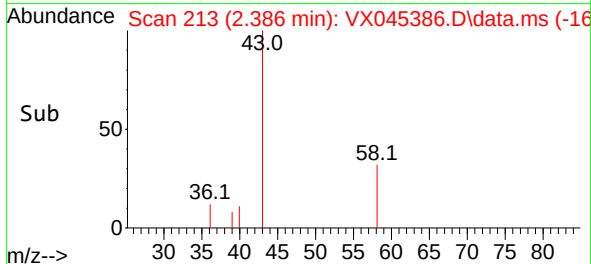
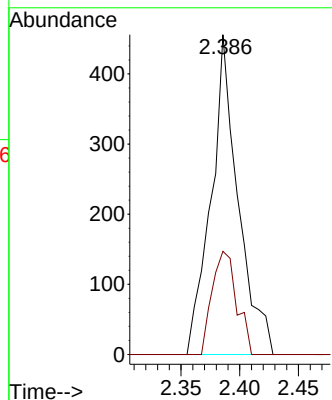
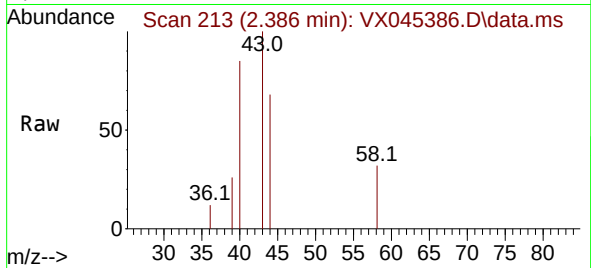




#16
Acetone
Concen: 1.415 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

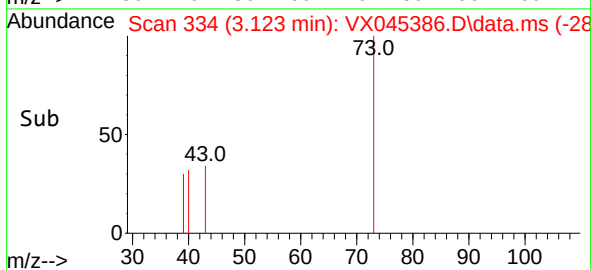
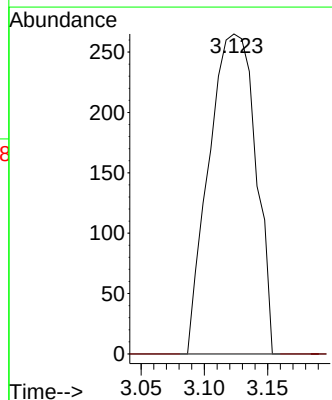
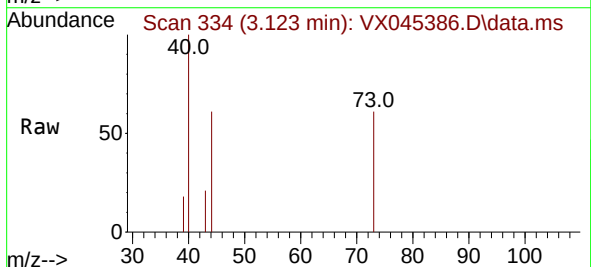
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

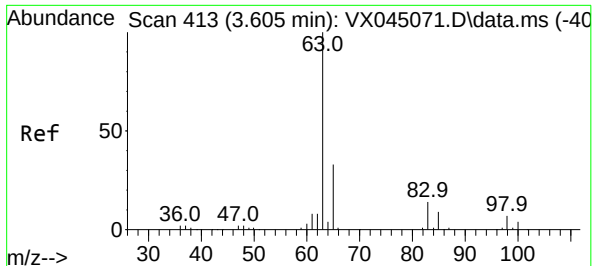
Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 32.2 24.2 36.4



#19
Methyl tert-butyl Ether
Concen: 0.236 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

Tgt Ion: 73 Resp: 681
Ion Ratio Lower Upper
73 100
57 0.0 18.5 27.7#

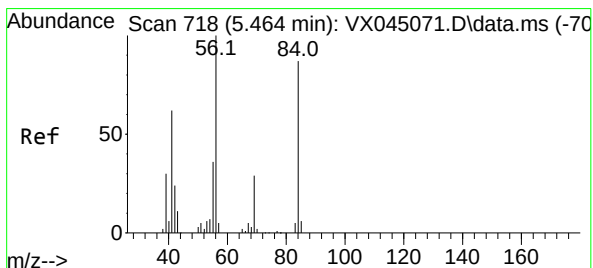
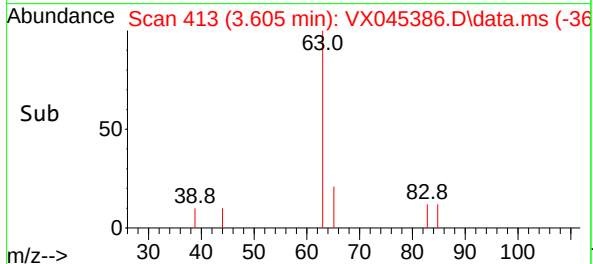
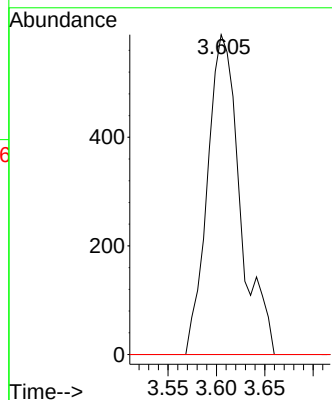
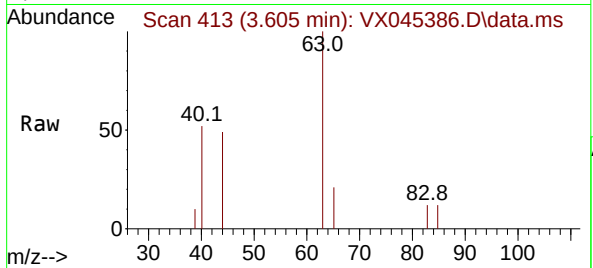




#24
1,1-Dichloroethane
Concen: 0.794 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

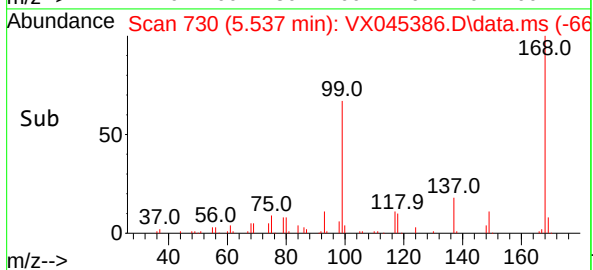
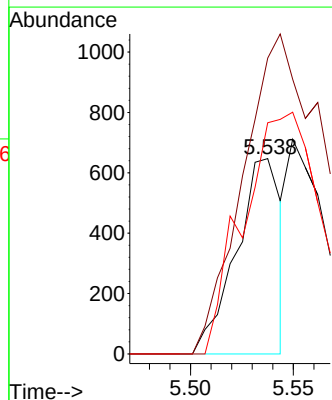
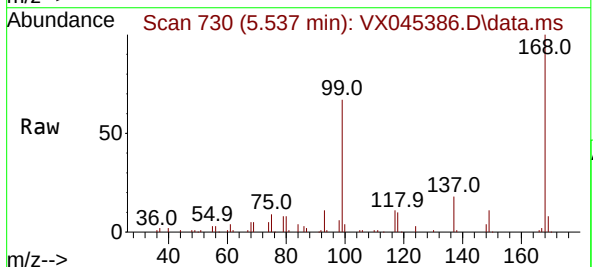
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

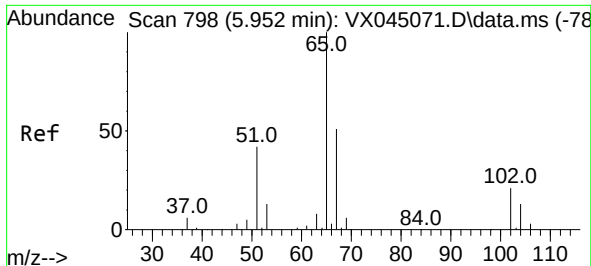
Tgt Ion: 63 Resp: 1385
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.1 6.5#



#31
Cyclohexane
Concen: 0.645 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

Tgt Ion: 56 Resp: 977
Ion Ratio Lower Upper
56 100
69 151.5 23.4 35.2#
84 118.4 69.4 104.2#

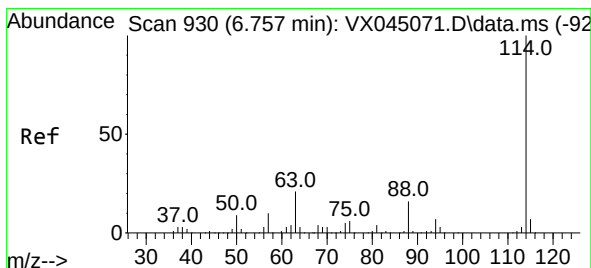
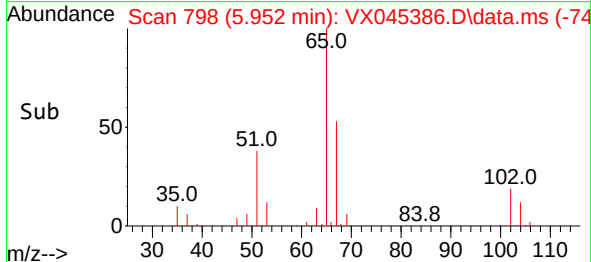
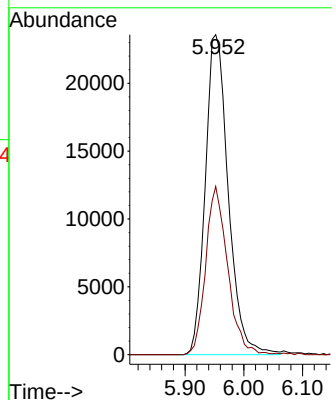
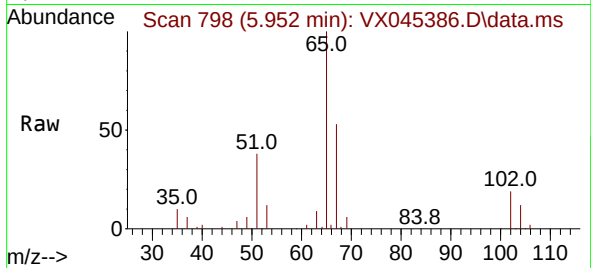




#33
 1,2-Dichloroethane-d4
 Concen: 57.696 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045386.D
 Acq: 21 Mar 2025 14:28

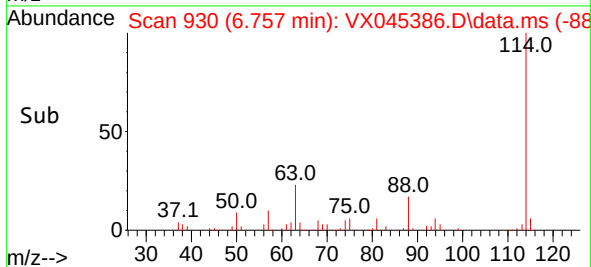
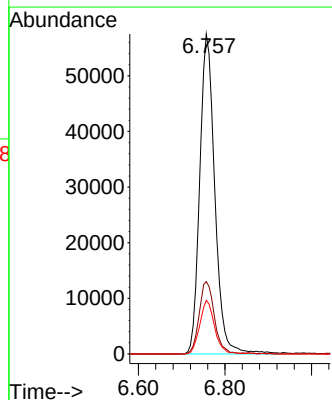
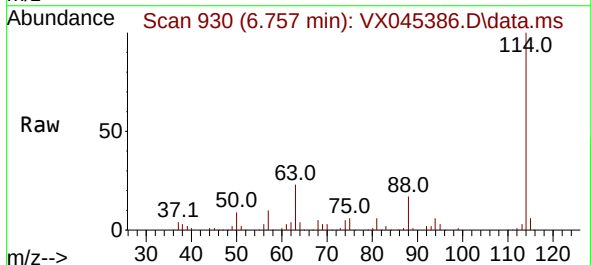
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 TT180D-20250313

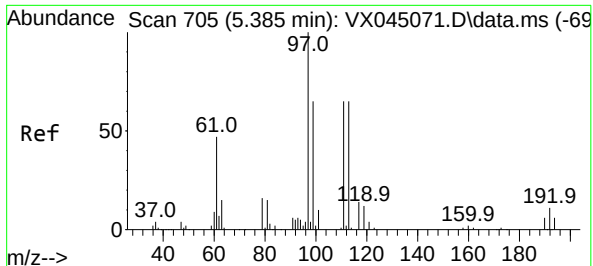
Tgt Ion: 65 Resp: 64244
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045386.D
 Acq: 21 Mar 2025 14:28

Tgt Ion: 114 Resp: 139085
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 41.8
 88 16.7 0.0 32.8

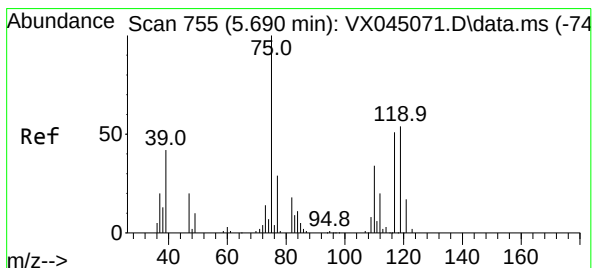
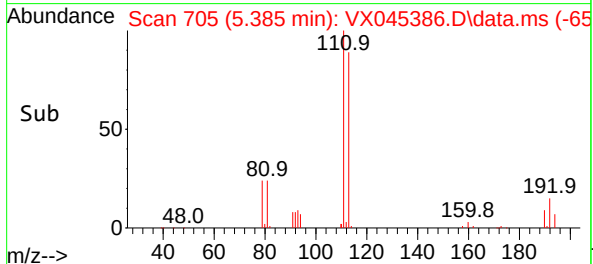
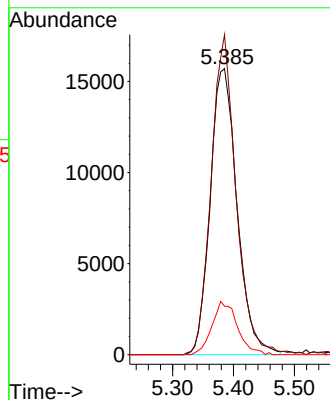
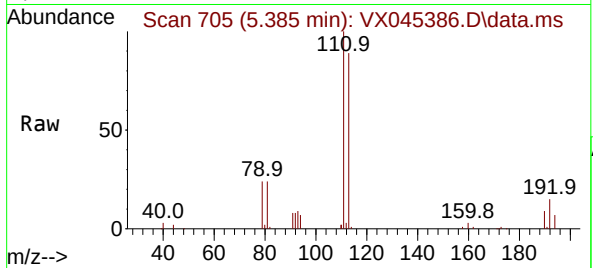




#35
Dibromofluoromethane
Concen: 51.717 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

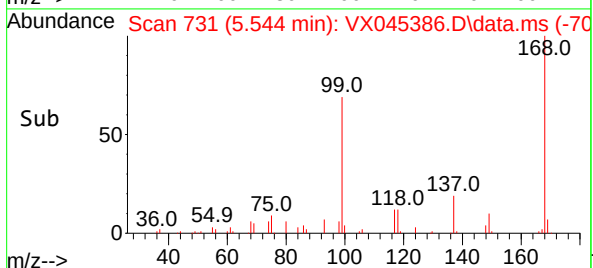
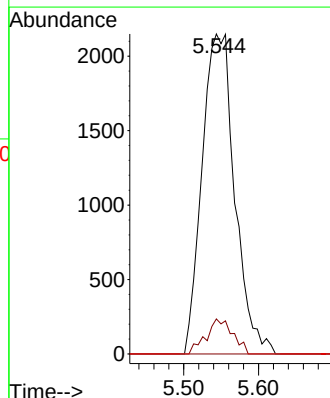
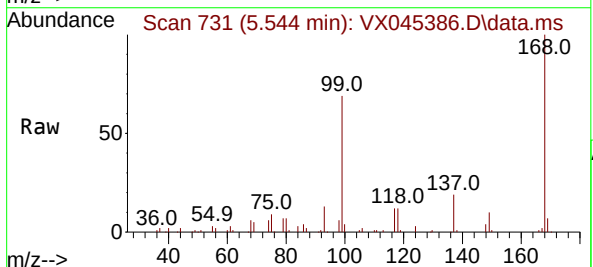
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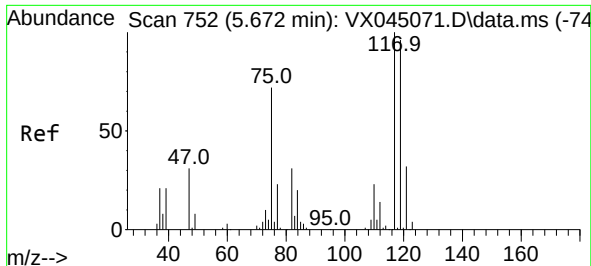
Tgt Ion:113 Resp: 48098
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 17.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.121 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

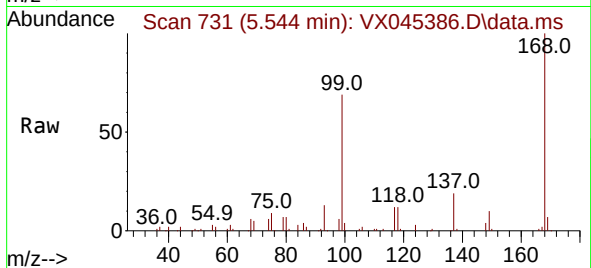
Tgt Ion: 75 Resp: 6531
Ion Ratio Lower Upper
75 100
110 9.0 16.9 50.6#
77 0.0 24.5 36.7#



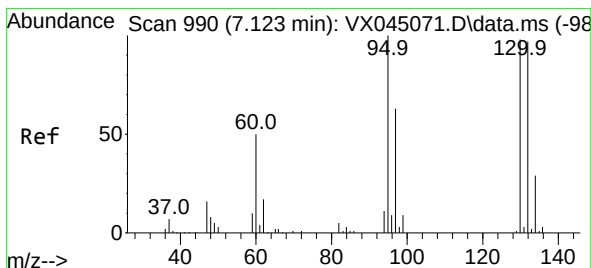
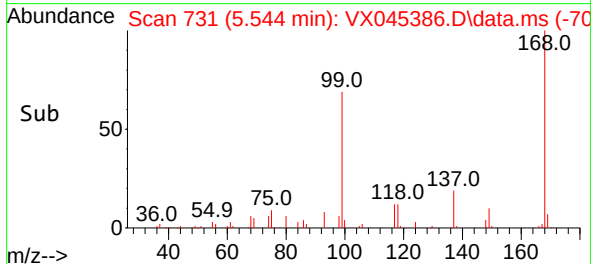
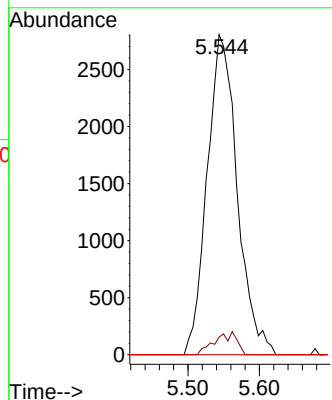


#38
Carbon Tetrachloride
Concen: 6.336 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

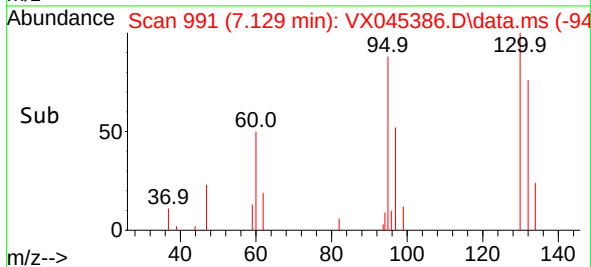
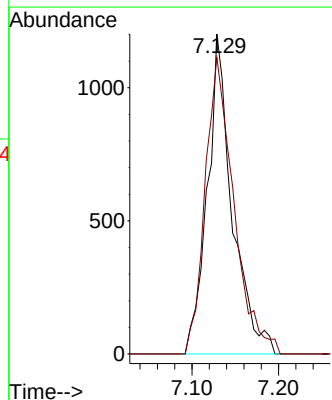
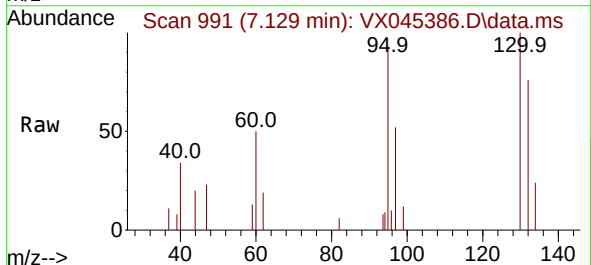


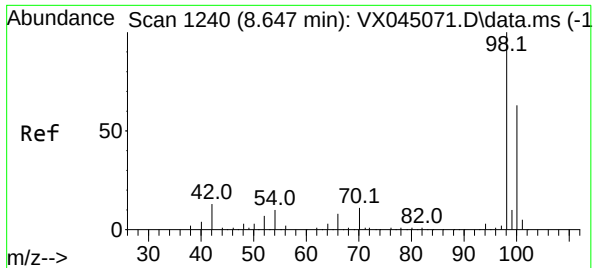
Tgt Ion:117 Resp: 8204
Ion Ratio Lower Upper
117 100
119 5.5 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 2.538 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

Tgt Ion:130 Resp: 2400
Ion Ratio Lower Upper
130 100
95 92.7 0.0 205.0

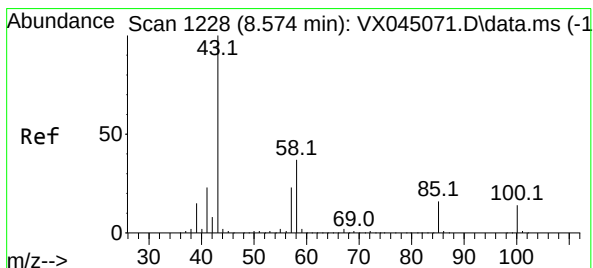
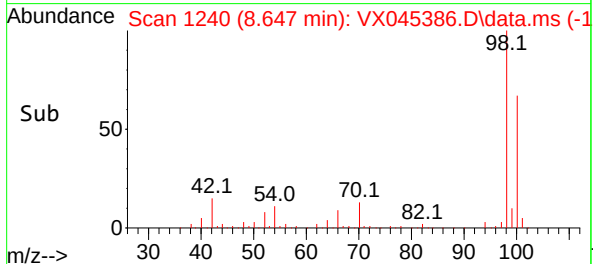
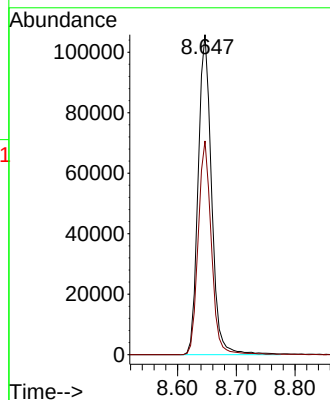
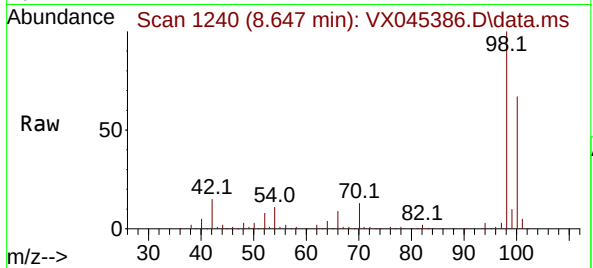




#50
Toluene-d8
Concen: 49.807 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

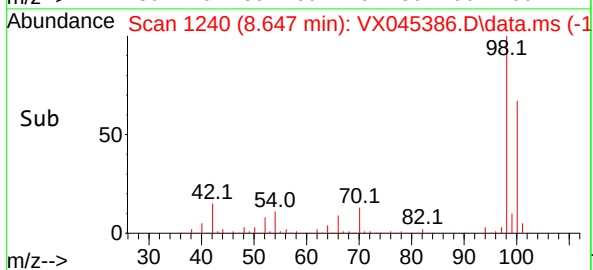
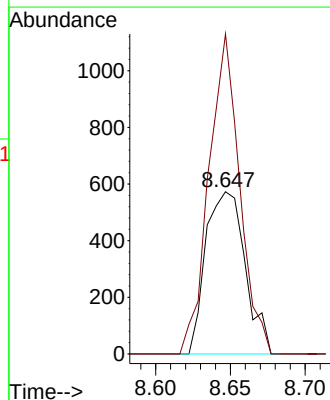
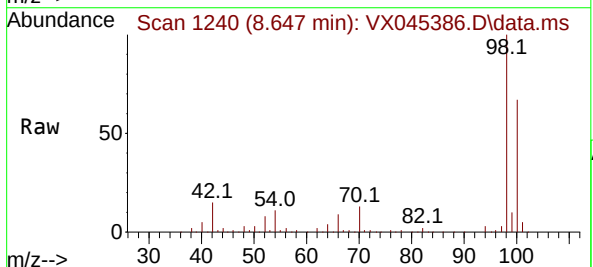
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

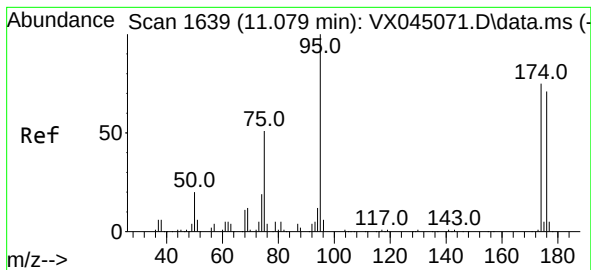
Tgt Ion: 98 Resp: 167933
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.643 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
58 154.6 29.2 43.8#

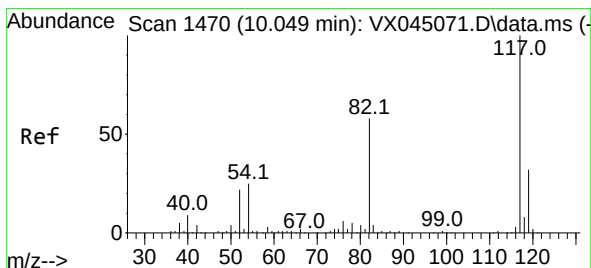
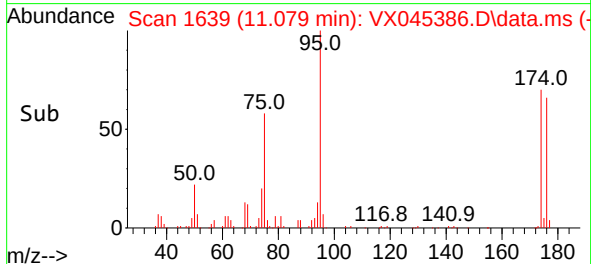
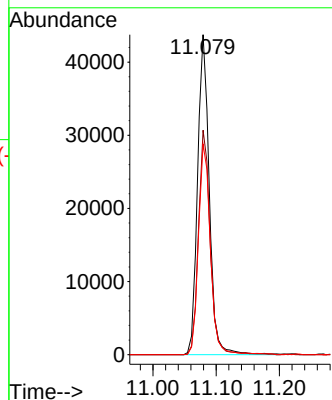
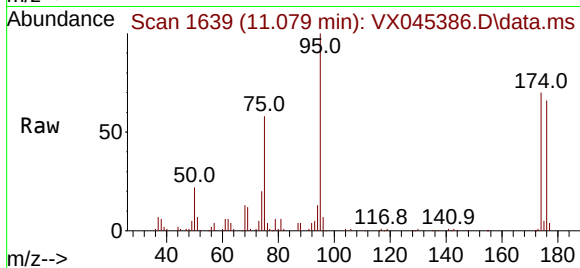




#62
4-Bromofluorobenzene
Concen: 50.495 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

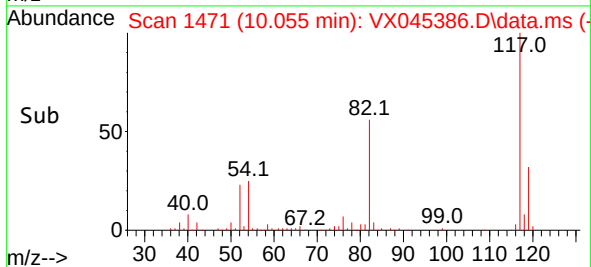
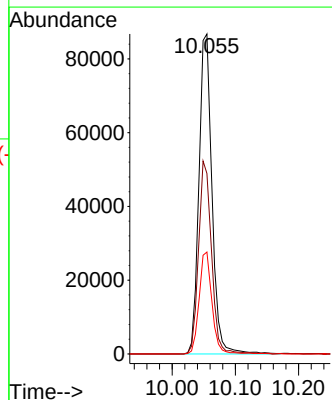
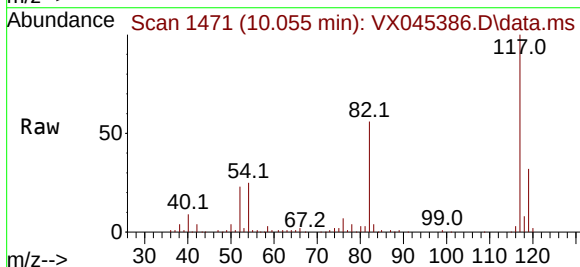
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

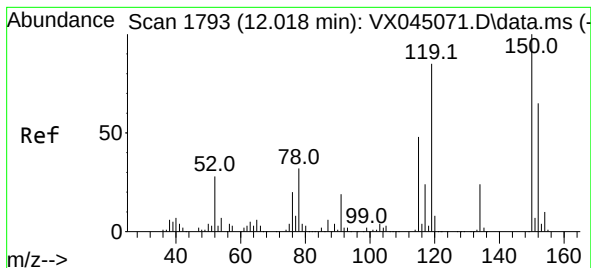
Tgt Ion: 95 Resp: 56417
Ion Ratio Lower Upper
95 100
174 70.4 0.0 148.2
176 67.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045386.D
Acq: 21 Mar 2025 14:28

Tgt Ion: 117 Resp: 124948
Ion Ratio Lower Upper
117 100
82 56.4 46.3 69.5
119 31.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX045386.D

Acq: 21 Mar 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

TT180D-20250313

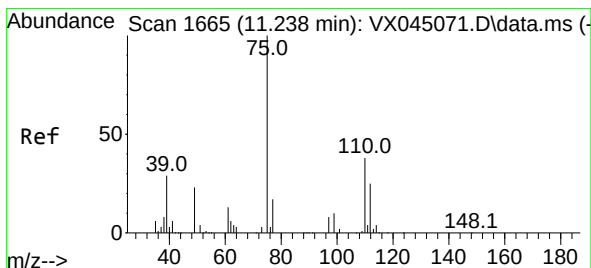
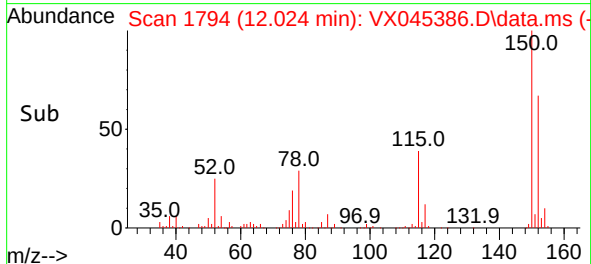
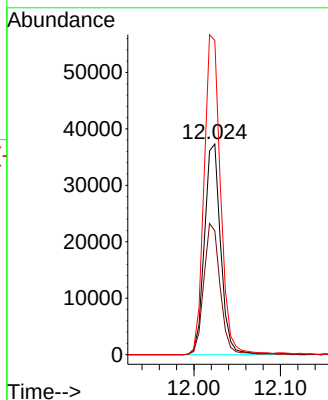
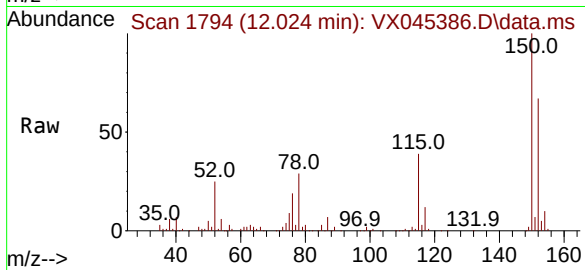
Tgt Ion:152 Resp: 48597

Ion Ratio Lower Upper

152 100

115 62.6 44.2 132.6

150 153.7 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 28.842 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045386.D

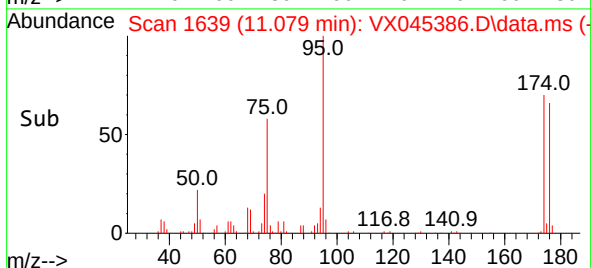
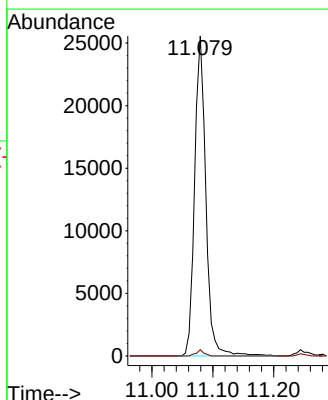
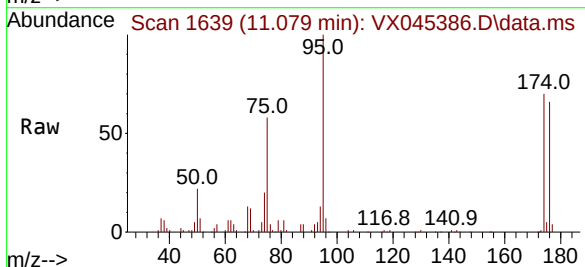
Acq: 21 Mar 2025 14:28

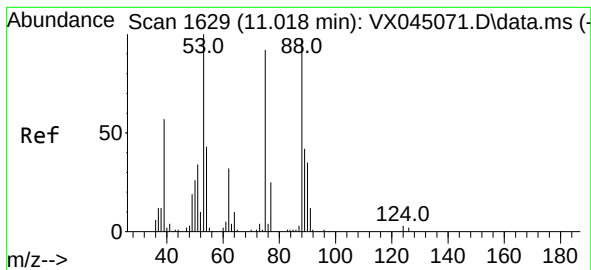
Tgt Ion: 75 Resp: 32623

Ion Ratio Lower Upper

75 100

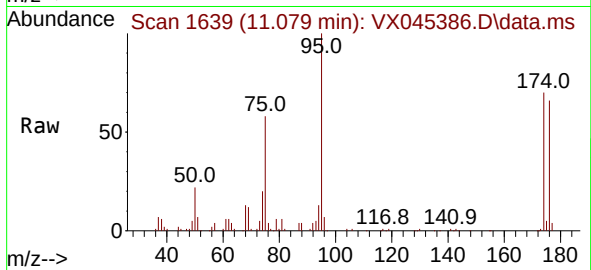
77 1.3 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.702 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX045386.D
 Acq: 21 Mar 2025 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20250313



Tgt Ion: 75 Resp: 32623
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

