

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045410.D
 Acq On : 24 Mar 2025 13:20
 Operator : JC/MD
 Sample : Q1608-29
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 25 01:33:05 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)

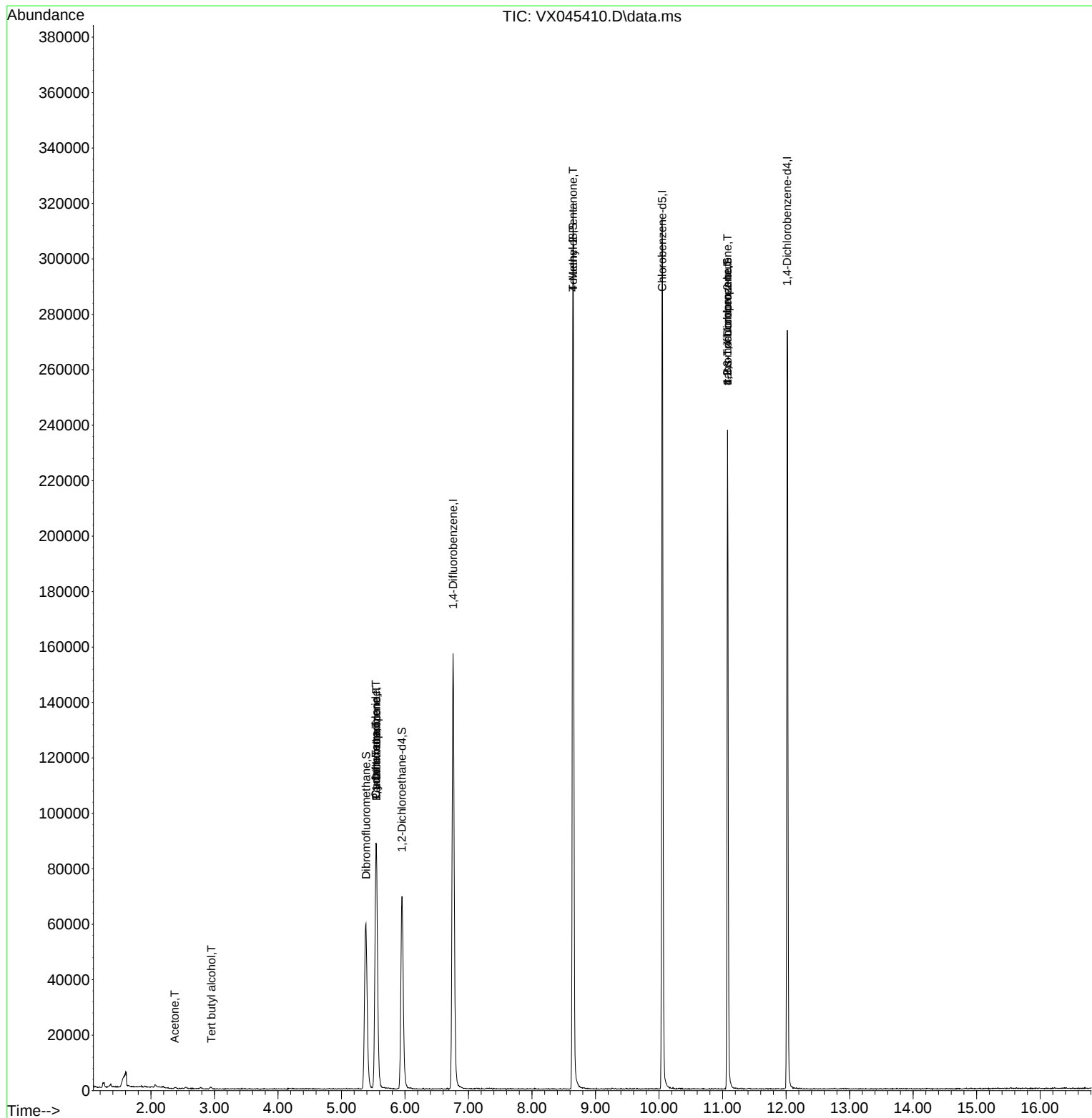
Internal Standards						
1) Pentafluorobenzene	5.550	168	76966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149564	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67809	55.388	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.780%	
35) Dibromofluoromethane	5.385	113	52173	52.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.340%	
50) Toluene-d8	8.647	98	181446	50.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	11.079	95	61926	51.543	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	317	1.367	ug/l #	73
16) Acetone	2.373	43	524	0.923	ug/l #	78
31) Cyclohexane	5.544	56	2297	1.379	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	7365	5.370	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8912	6.400	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1036	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34807	28.564	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34807	97.751	ug/l #	6

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
Data File : VX045410.D
Acq On : 24 Mar 2025 13:20
Operator : JC/MD
Sample : Q1608-29
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: Mar 25 01:33:05 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

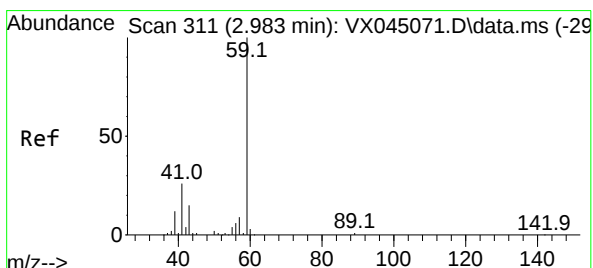
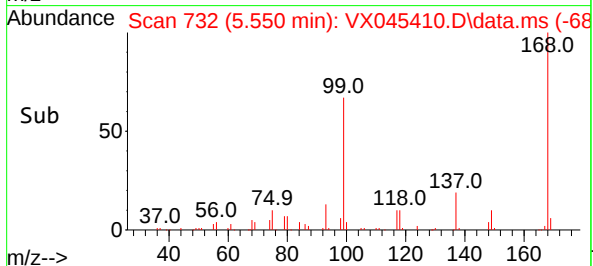
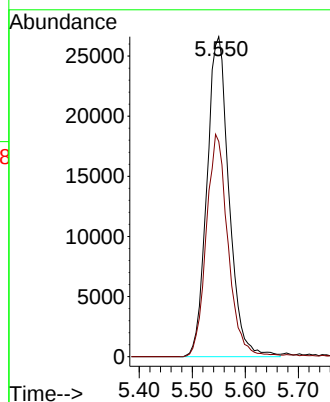
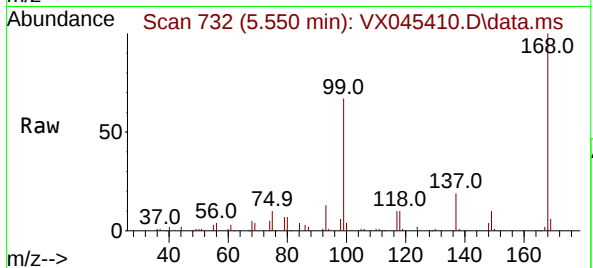




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045410.D
Acq: 24 Mar 2025 13:20

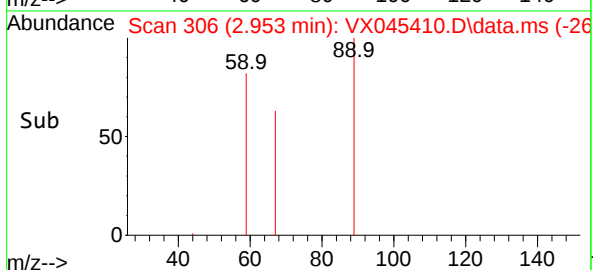
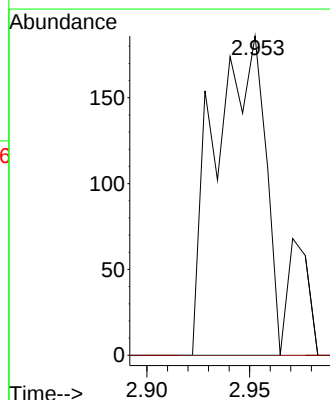
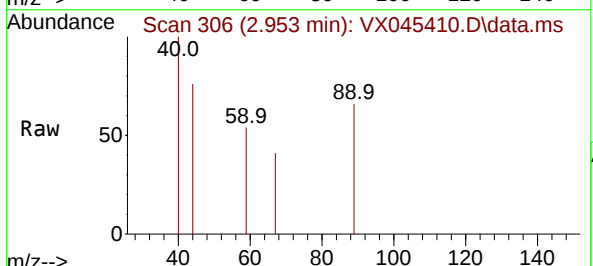
Instrument :
MSVOA_X
ClientSampleId :
TB

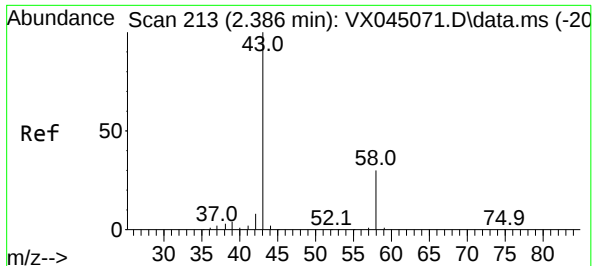
Tgt Ion:168 Resp: 76966
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.4



#11
Tert butyl alcohol
Concen: 1.367 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX045410.D
Acq: 24 Mar 2025 13:20

Tgt Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16

Acetone

Concen: 0.923 ug/l

RT: 2.373 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX045410.D

Acq: 24 Mar 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

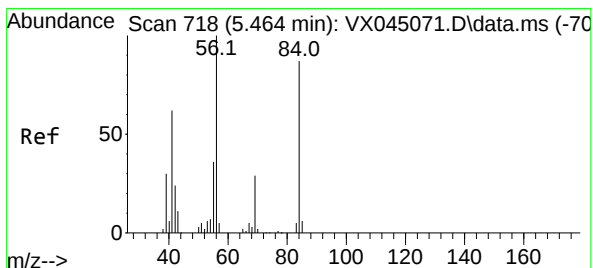
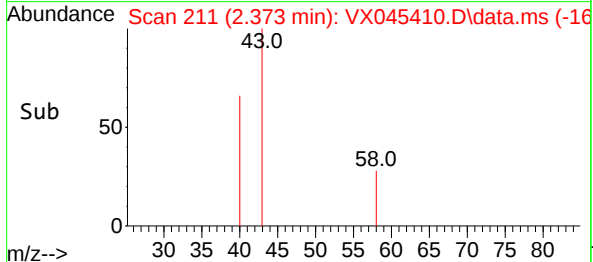
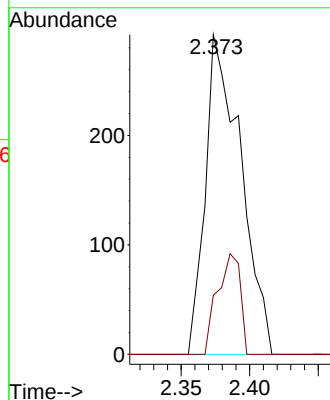
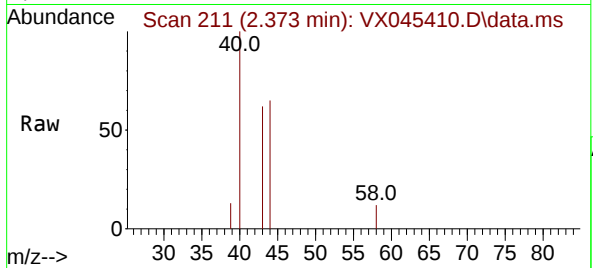
TB

Tgt Ion: 43 Resp: 524

Ion Ratio Lower Upper

43 100

58 18.5 24.2 36.4#



#31

Cyclohexane

Concen: 1.379 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045410.D

Acq: 24 Mar 2025 13:20

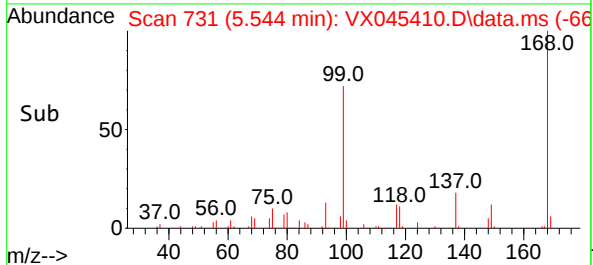
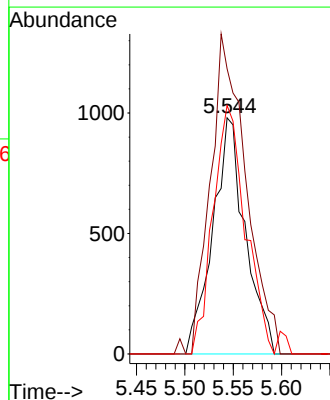
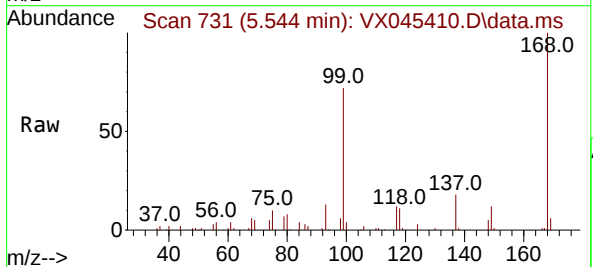
Tgt Ion: 56 Resp: 2297

Ion Ratio Lower Upper

56 100

69 120.8 23.4 35.2#

84 105.2 69.4 104.2#

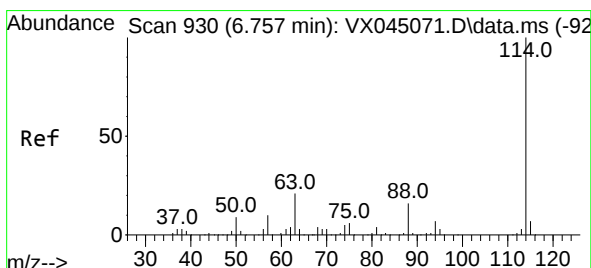
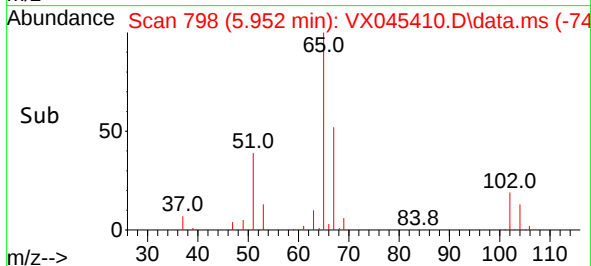
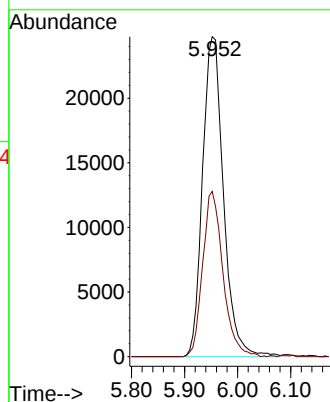
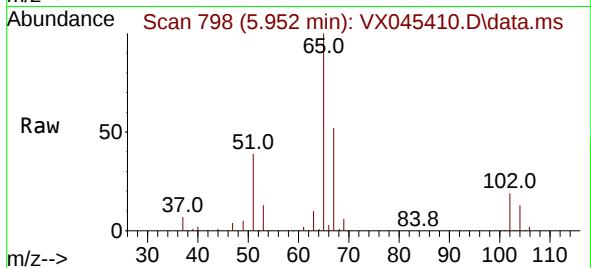




#33
 1,2-Dichloroethane-d4
 Concen: 55.388 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045410.D
 Acq: 24 Mar 2025 13:20

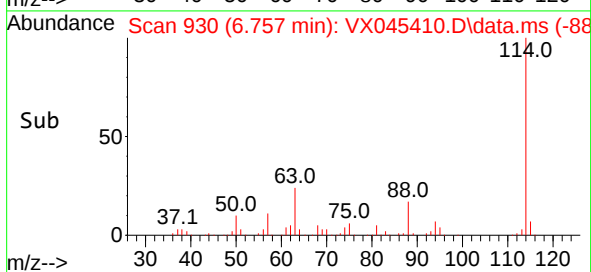
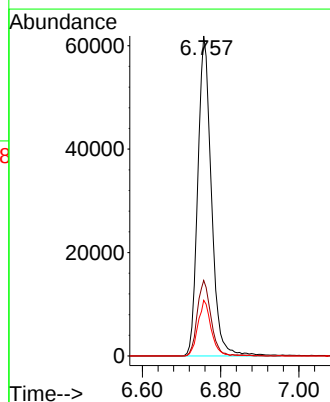
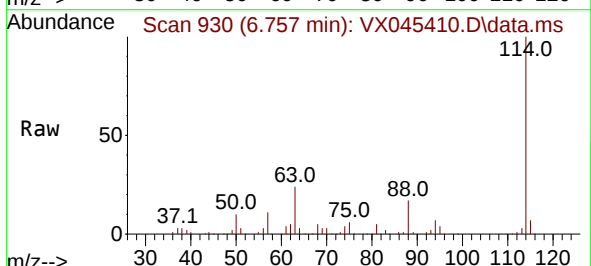
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

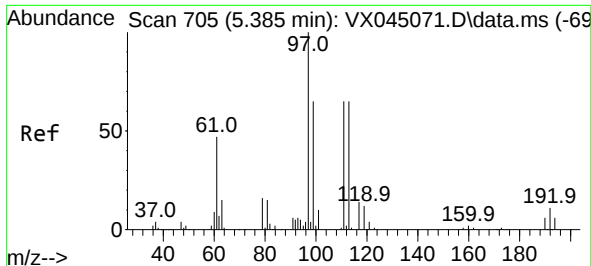
Tgt Ion: 65 Resp: 67809
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045410.D
 Acq: 24 Mar 2025 13:20

Tgt Ion: 114 Resp: 149564
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 41.8
 88 17.4 0.0 32.8

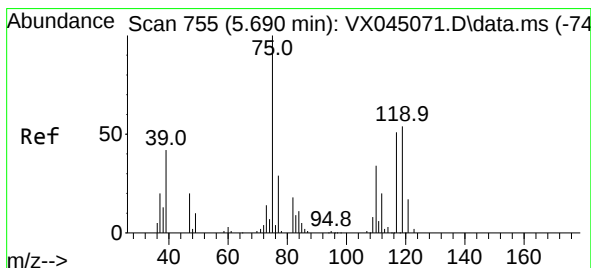
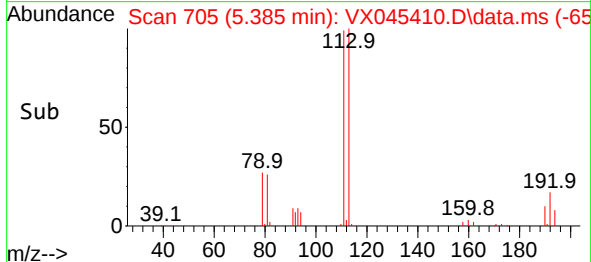
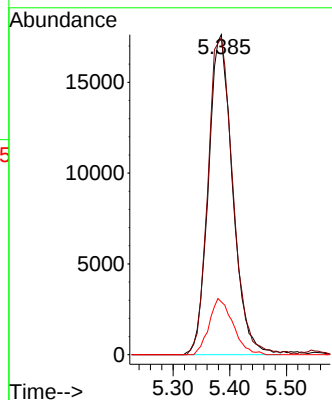
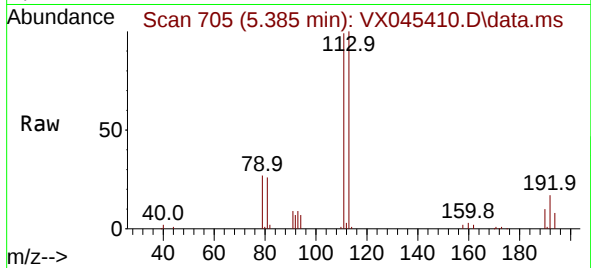




#35
Dibromofluoromethane
Concen: 52.168 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045410.D
Acq: 24 Mar 2025 13:20

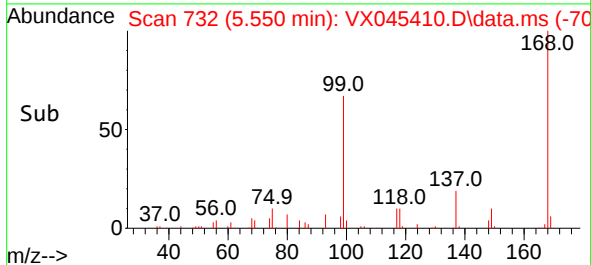
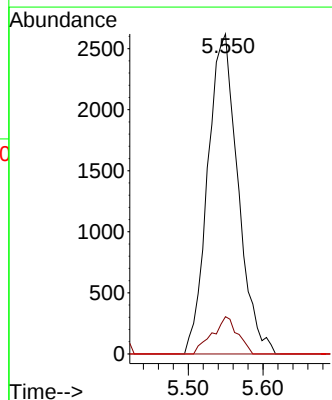
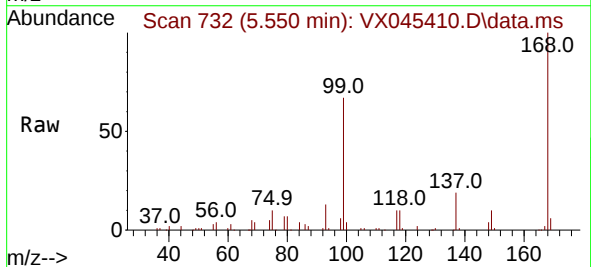
Instrument :
MSVOA_X
ClientSampleId :
TB

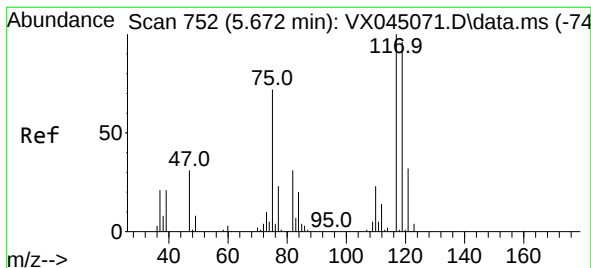
Tgt Ion:113 Resp: 52173
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 17.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.370 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045410.D
Acq: 24 Mar 2025 13:20

Tgt Ion: 75 Resp: 7365
Ion Ratio Lower Upper
75 100
110 9.7 16.9 50.6#
77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.400 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX045410.D

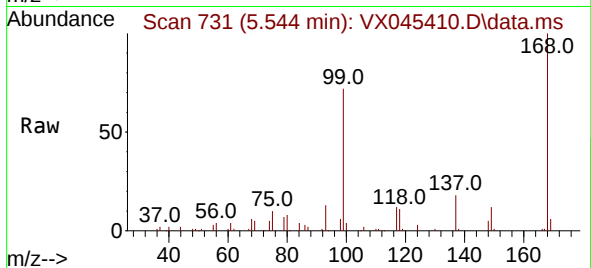
Acq: 24 Mar 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

TB



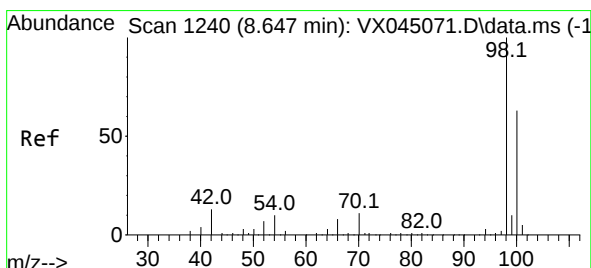
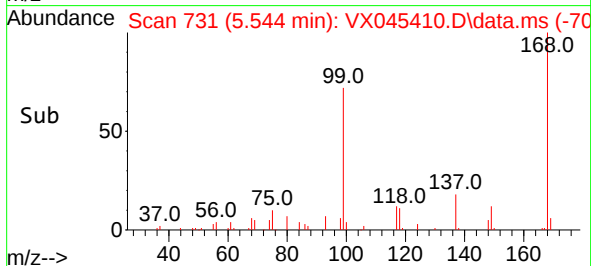
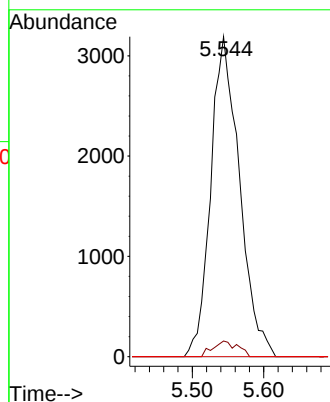
Tgt Ion:117 Resp: 8912

Ion Ratio Lower Upper

117 100

119 4.9 76.7 115.1#

121 0.0 25.5 38.3#



#50

Toluene-d8

Concen: 50.044 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045410.D

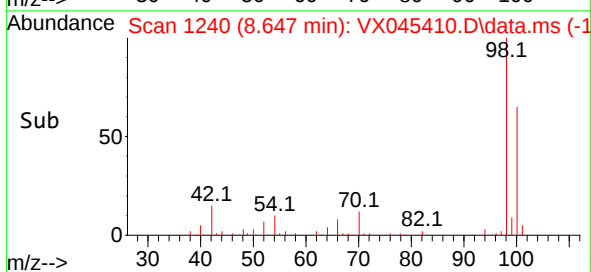
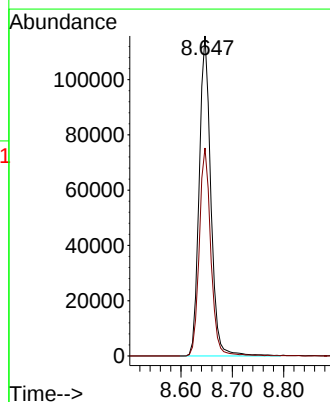
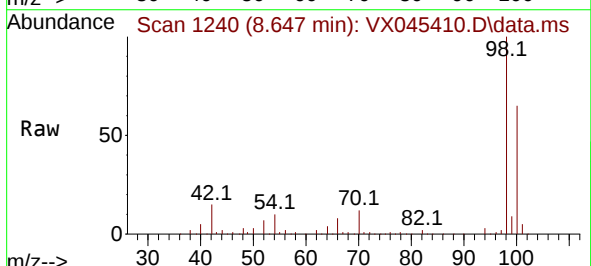
Acq: 24 Mar 2025 13:20

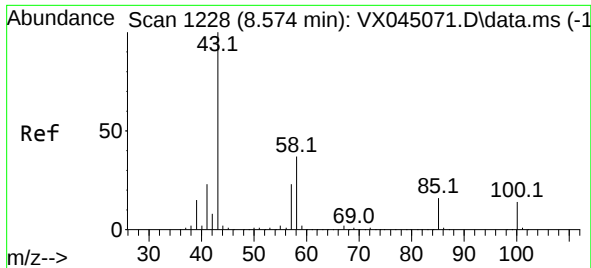
Tgt Ion: 98 Resp: 181446

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

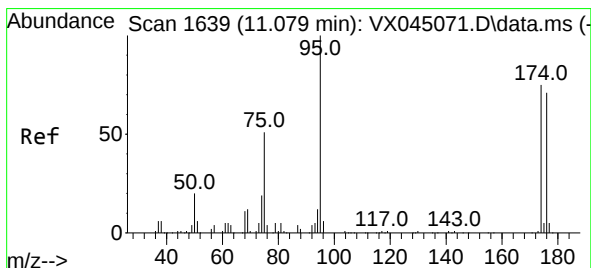
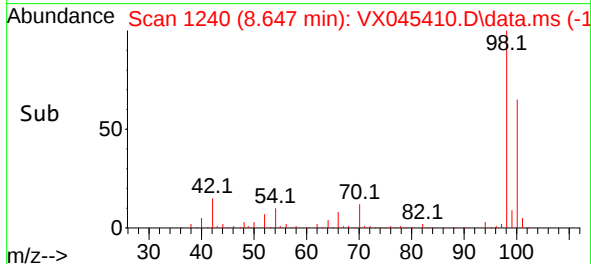
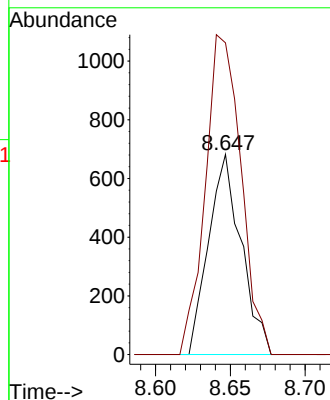
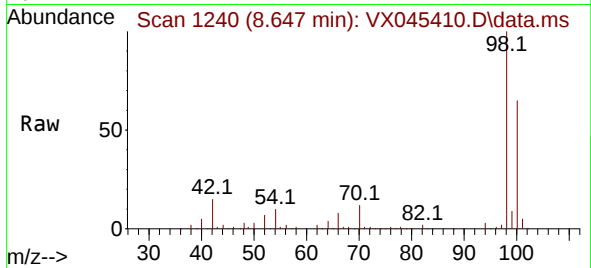




#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045410.D
Acq: 24 Mar 2025 13:20

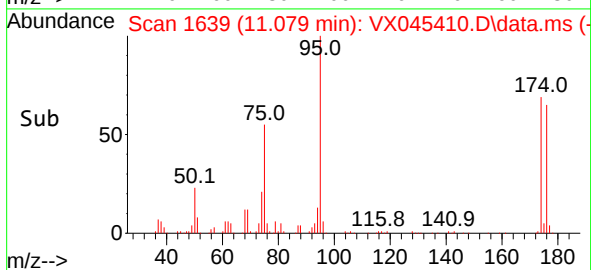
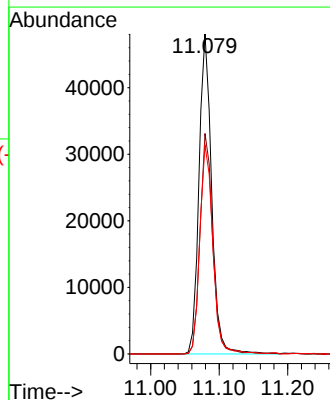
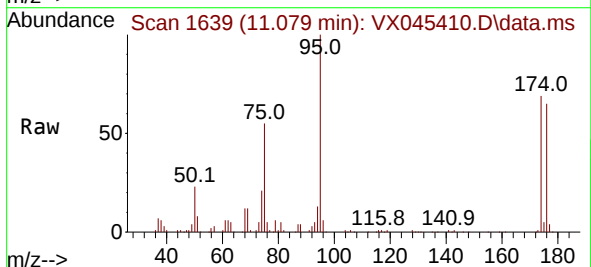
Instrument :
MSVOA_X
ClientSampleId :
TB

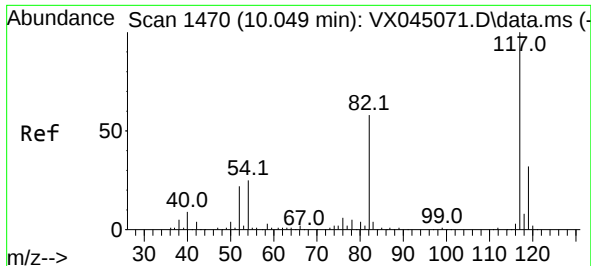
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 174.8 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 51.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045410.D
Acq: 24 Mar 2025 13:20

Tgt Ion: 95 Resp: 61926
Ion Ratio Lower Upper
95 100
174 69.3 0.0 148.2
176 67.5 0.0 141.4

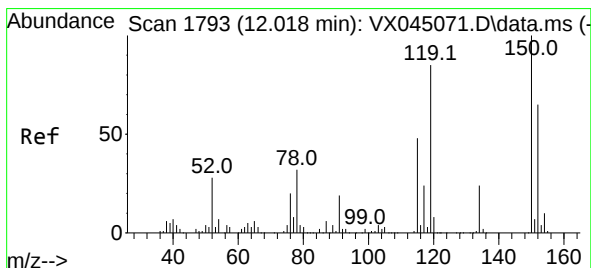
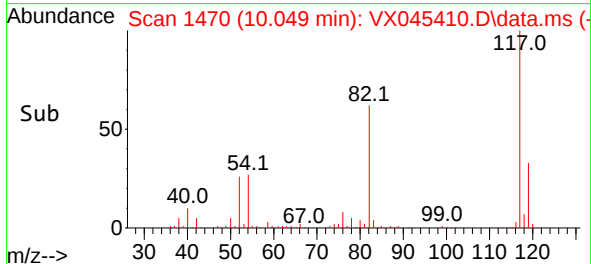
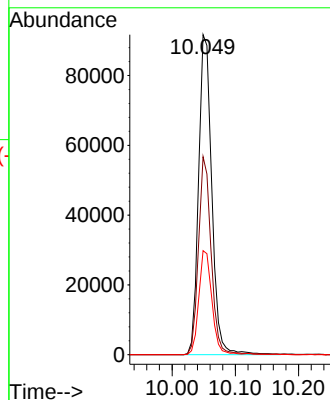
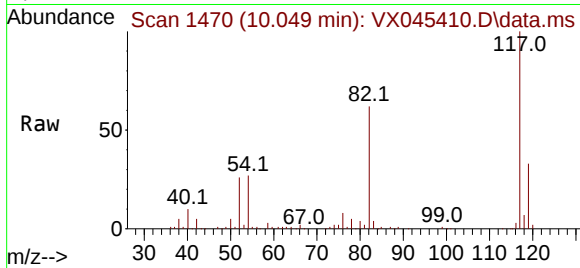




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045410.D
Acq: 24 Mar 2025 13:20

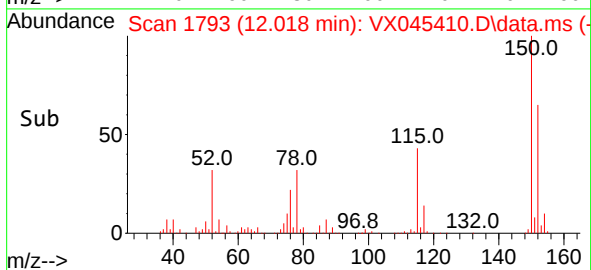
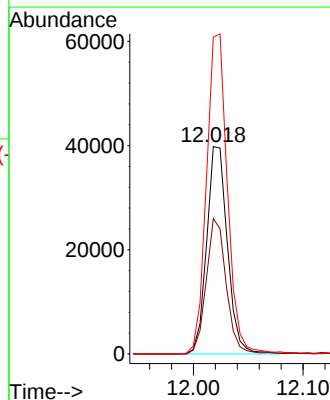
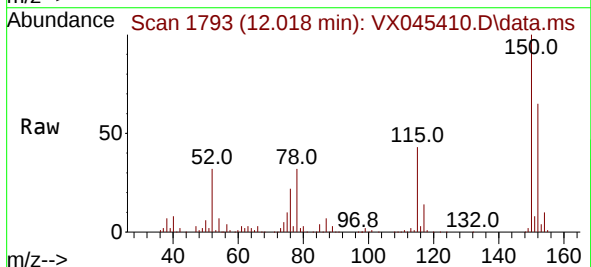
Instrument :
MSVOA_X
ClientSampleId :
TB

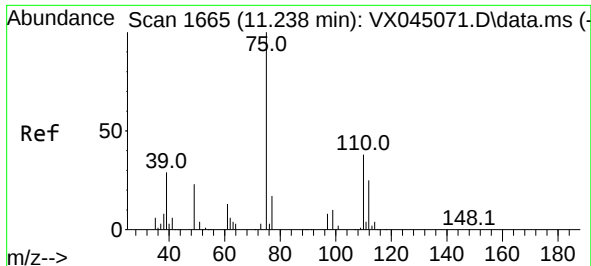
Tgt Ion:117 Resp: 133451
Ion Ratio Lower Upper
117 100
82 61.8 46.3 69.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045410.D
Acq: 24 Mar 2025 13:20

Tgt Ion:152 Resp: 52355
Ion Ratio Lower Upper
152 100
115 63.0 44.2 132.6
150 156.4 0.0 349.0

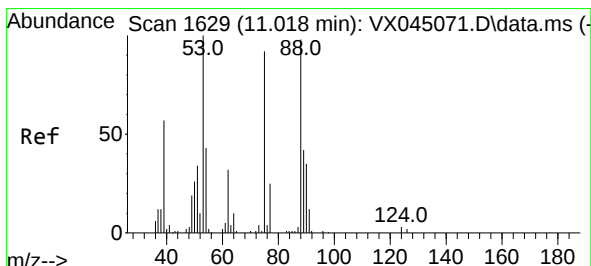
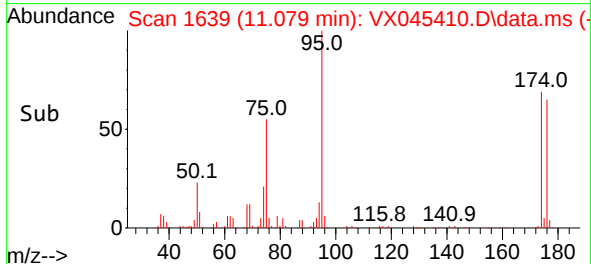
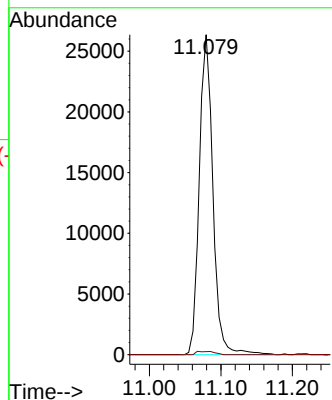
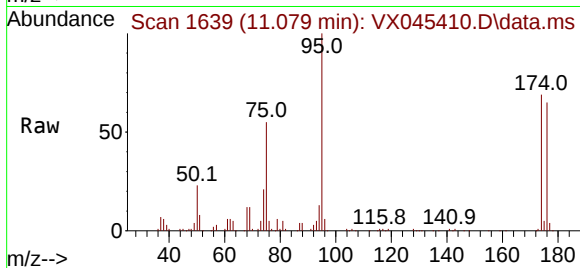




#76
1,2,3-Trichloropropane
Concen: 28.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045410.D
Acq: 24 Mar 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 34807
Ion Ratio Lower Upper
75 100
77 1.3 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045410.D
Acq: 24 Mar 2025 13:20

Tgt Ion: 75 Resp: 34807
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

