

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045369.D
 Acq On : 20 Mar 2025 18:19
 Operator : JC/MD
 Sample : Q1582-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20250313

Quant Time: Mar 21 01:52:49 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)

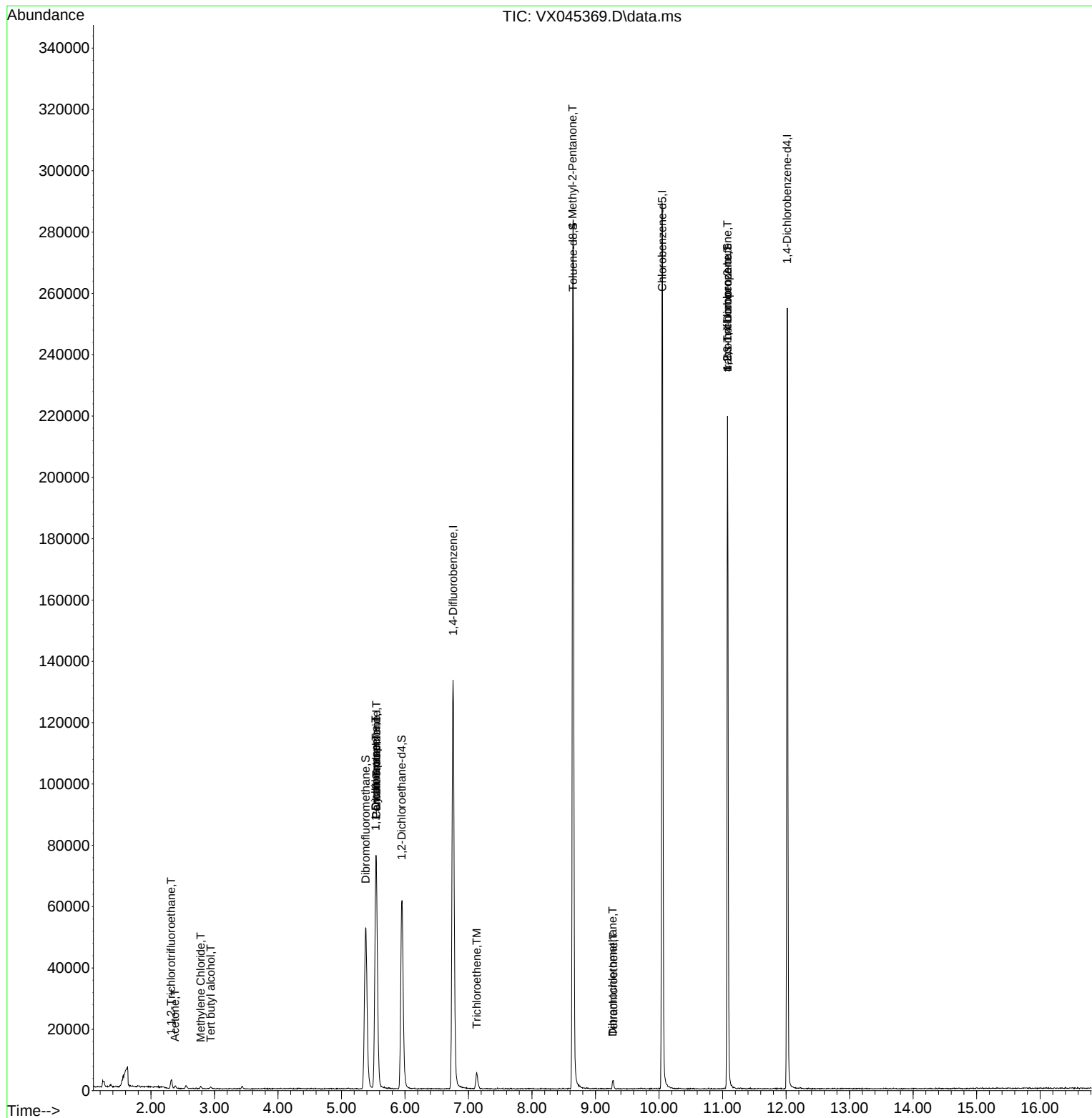
Internal Standards						
1) Pentafluorobenzene	5.550	168	66589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	60689	57.297	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.600%	
35) Dibromofluoromethane	5.379	113	46381	53.147	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.300%	
50) Toluene-d8	8.647	98	162619	51.399	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	11.079	95	56246	53.649	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.300%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	1246	1.610	ug/l	93
11) Tert butyl alcohol	2.941	59	152	0.758	ug/l #	73
16) Acetone	2.380	43	1104	2.246	ug/l #	86
20) Methylene Chloride	2.782	84	373	0.383	ug/l #	93
31) Cyclohexane	5.544	56	1873	1.300	ug/l #	33
36) 1,1-Dichloropropene	5.538	75	6498	5.429	ug/l #	47
38) Carbon Tetrachloride	5.550	117	7712	6.347	ug/l #	17
44) Trichloroethene	7.129	130	2255	2.541	ug/l	73
51) 4-Methyl-2-Pentanone	8.641	43	887	0.579	ug/l #	1
60) Dibromochloromethane	9.269	129	514	0.539	ug/l #	11
64) Tetrachloroethene	9.281	164	625	0.798	ug/l #	62
76) 1,2,3-Trichloropropane	11.079	75	31909	29.152	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31909	99.763	ug/l #	6

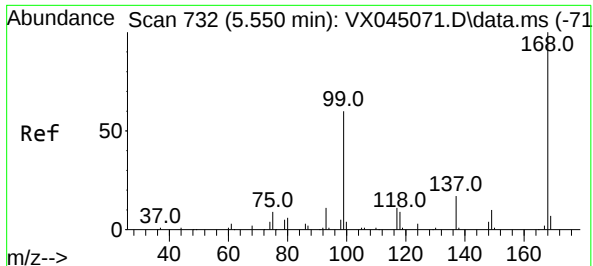
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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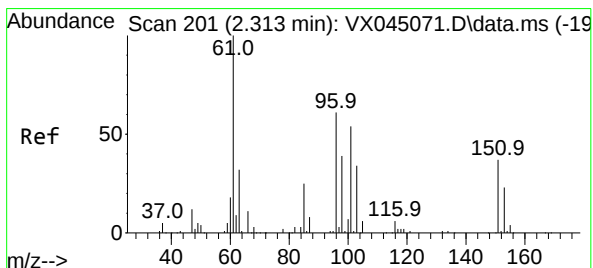
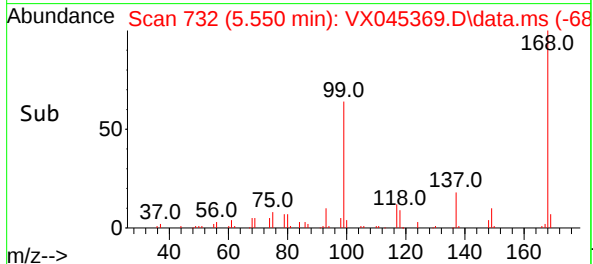
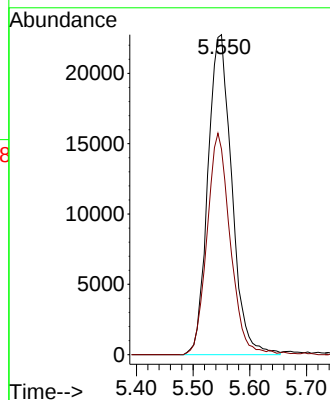
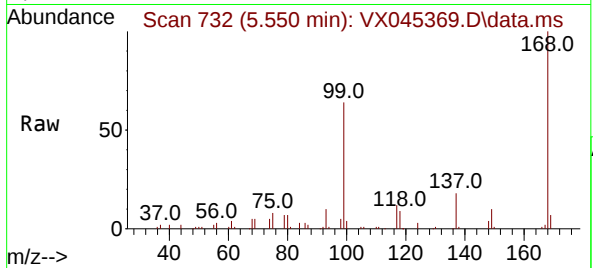




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045369.D
Acq: 20 Mar 2025 18:19

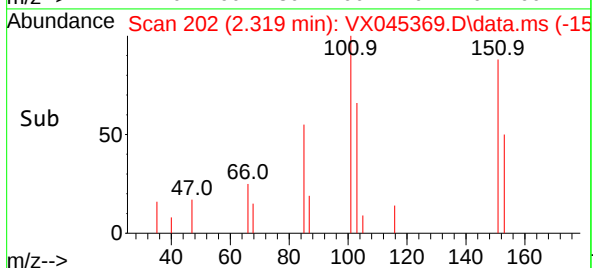
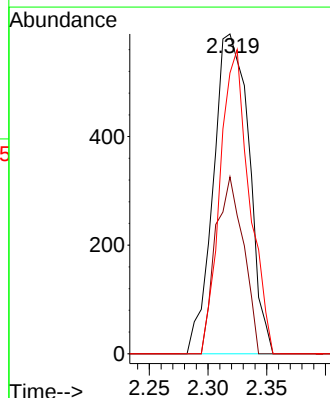
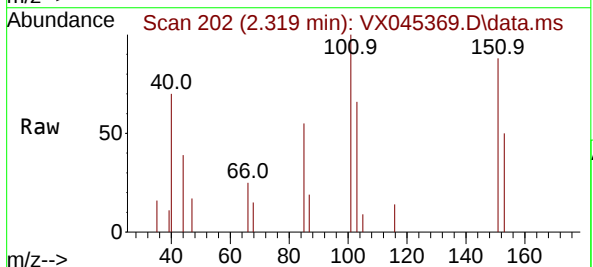
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313

Tgt Ion:168 Resp: 66589
Ion Ratio Lower Upper
168 100
99 64.2 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.610 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045369.D
Acq: 20 Mar 2025 18:19

Tgt Ion:101 Resp: 1246
Ion Ratio Lower Upper
101 100
85 43.2 36.2 54.4
151 78.0 56.4 84.6





#11

Tert butyl alcohol

Concen: 0.758 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045369.D

Acq: 20 Mar 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

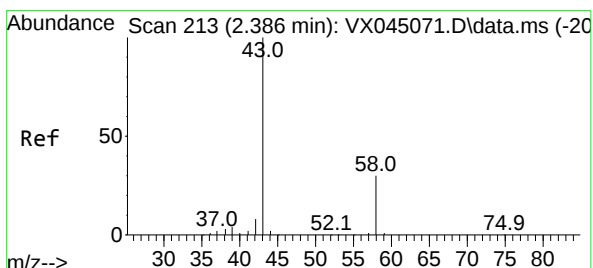
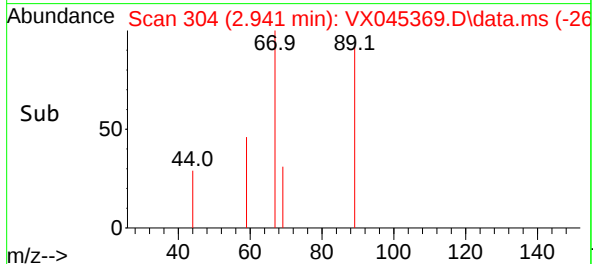
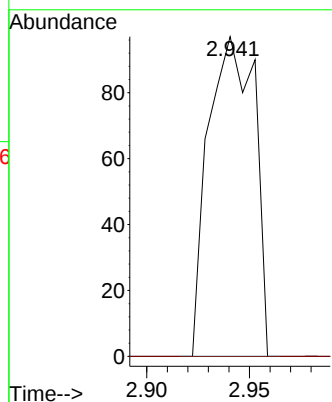
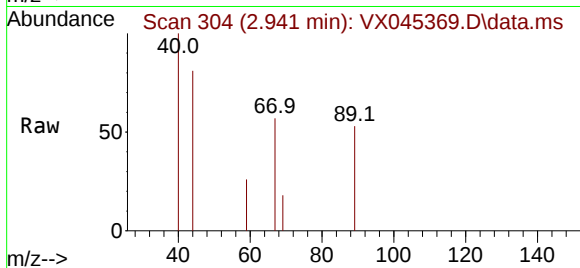
TT119S1-20250313

Tgt Ion: 59 Resp: 152

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 2.246 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045369.D

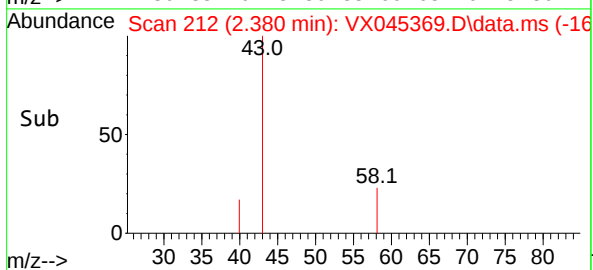
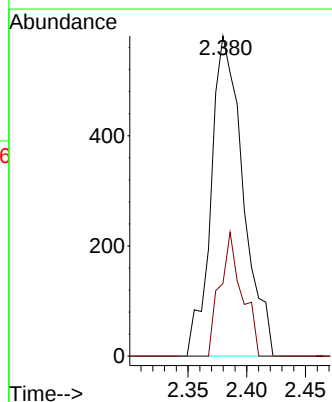
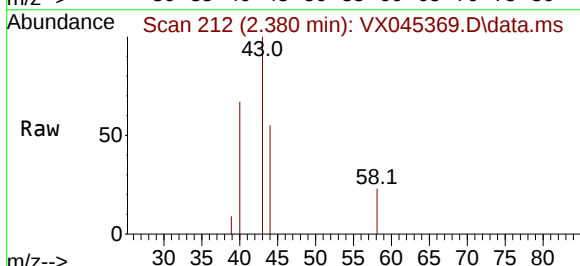
Acq: 20 Mar 2025 18:19

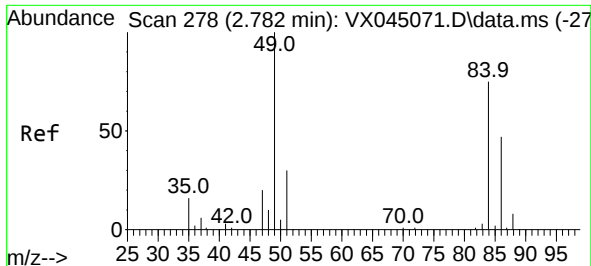
Tgt Ion: 43 Resp: 1104

Ion Ratio Lower Upper

43 100

58 22.7 24.2 36.4#





#20

Methylene Chloride

Concen: 0.383 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045369.D

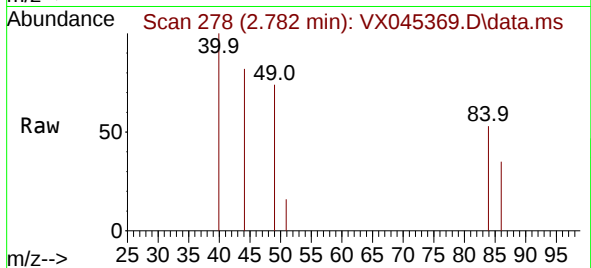
Acq: 20 Mar 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250313



Tgt Ion: 84 Resp: 373

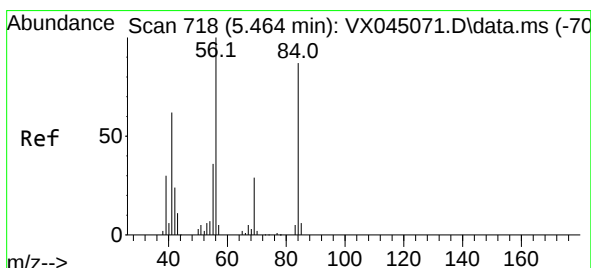
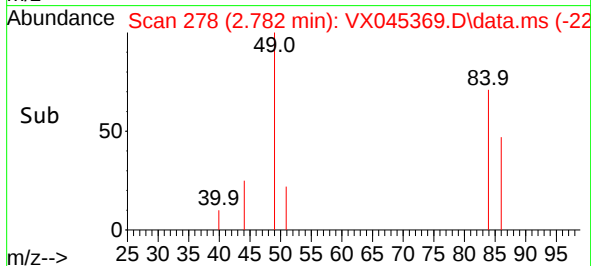
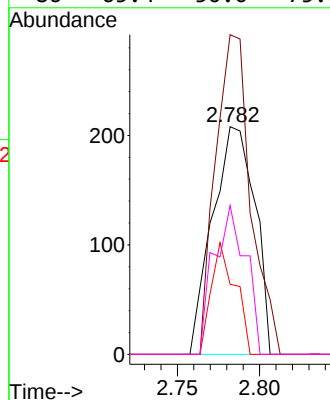
Ion Ratio Lower Upper

84 100

49 140.4 106.5 159.7

51 30.8 32.1 48.1#

86 65.4 50.0 75.0



#31

Cyclohexane

Concen: 1.300 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045369.D

Acq: 20 Mar 2025 18:19

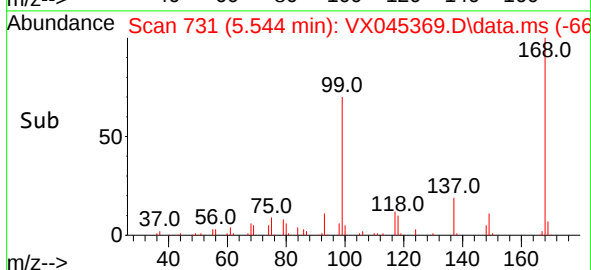
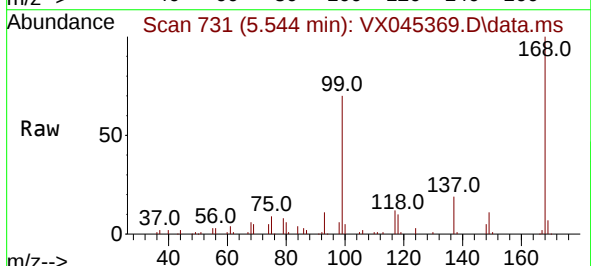
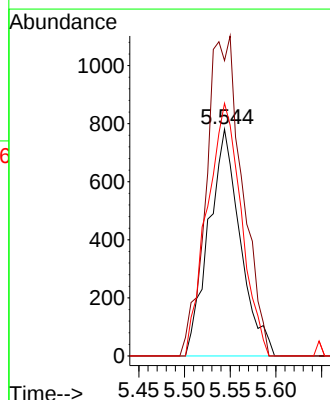
Tgt Ion: 56 Resp: 1873

Ion Ratio Lower Upper

56 100

69 130.2 23.4 35.2#

84 111.4 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 57.297 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045369.D

Acq: 20 Mar 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

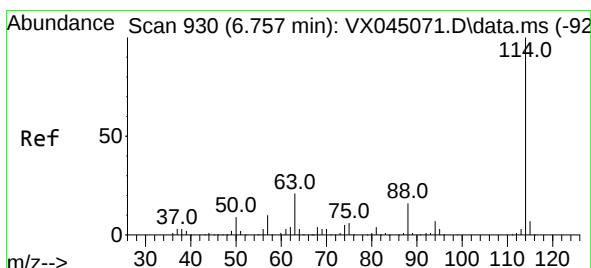
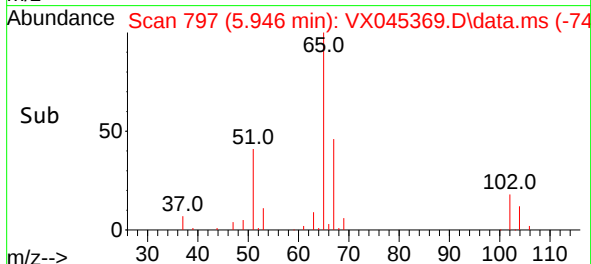
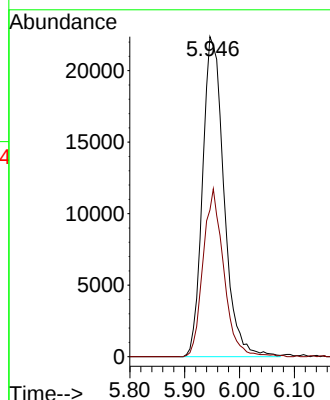
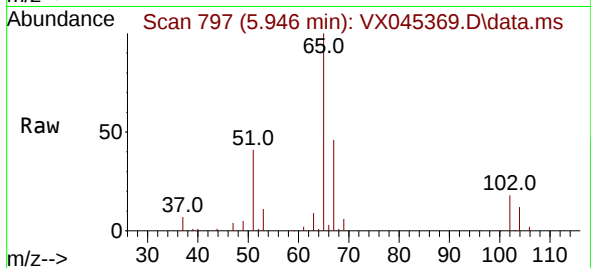
TT119S1-20250313

Tgt Ion: 65 Resp: 60689

Ion Ratio Lower Upper

65 100

67 50.6 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: VX045369.D

Acq: 20 Mar 2025 18:19

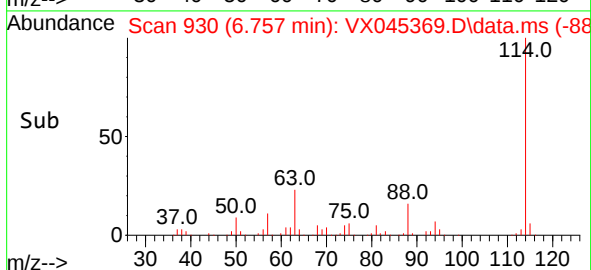
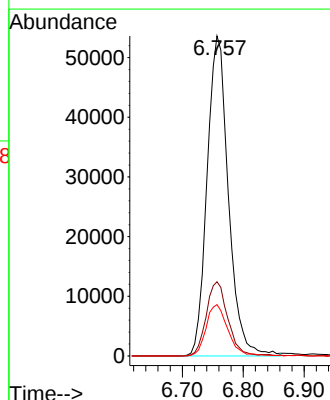
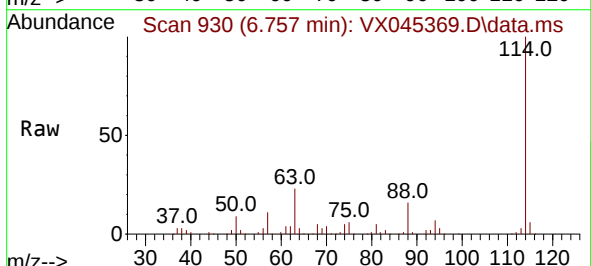
Tgt Ion: 114 Resp: 130512

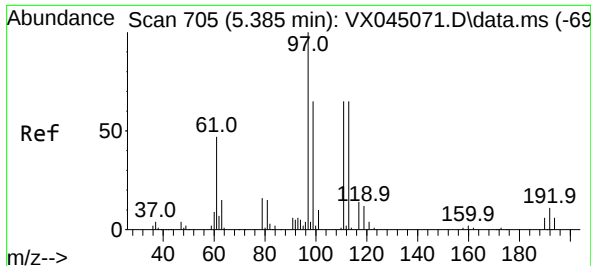
Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.147 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045369.D

Acq: 20 Mar 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250313

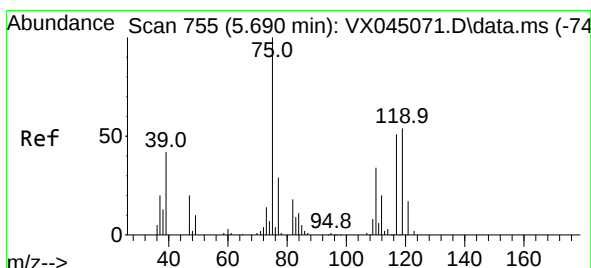
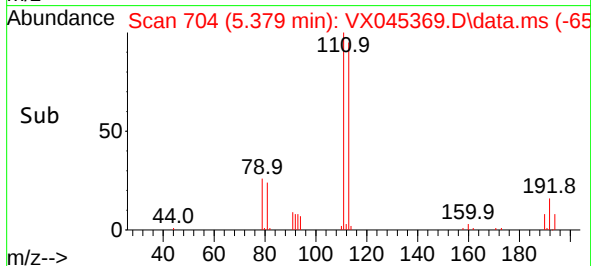
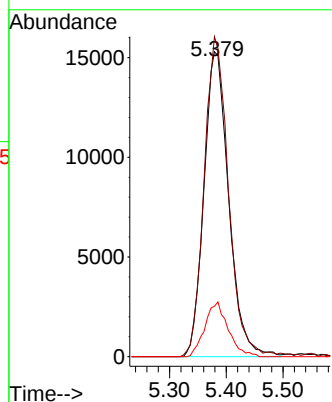
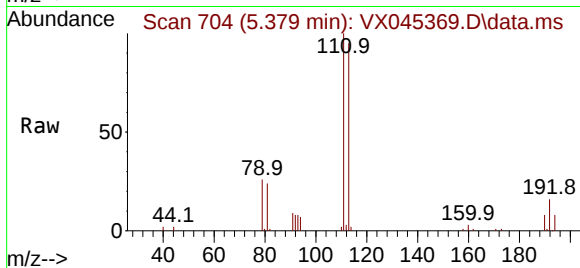
Tgt Ion:113 Resp: 46381

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 16.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.429 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.152 min

Lab File: VX045369.D

Acq: 20 Mar 2025 18:19

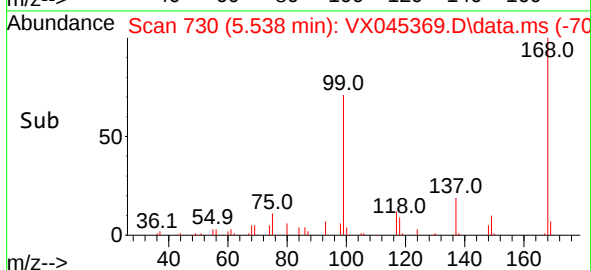
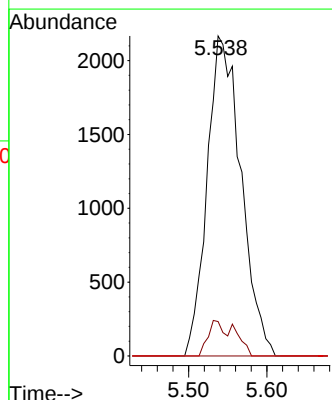
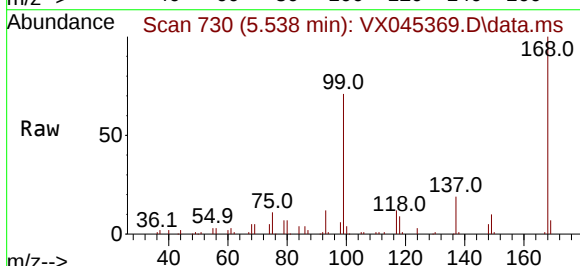
Tgt Ion: 75 Resp: 6498

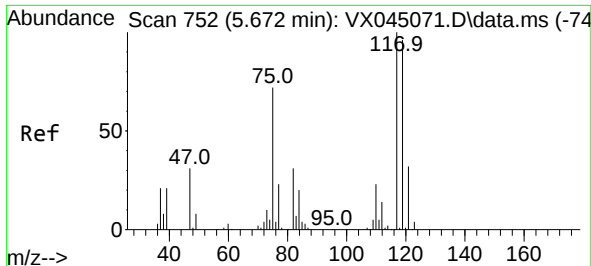
Ion Ratio Lower Upper

75 100

110 5.5 16.9 50.6#

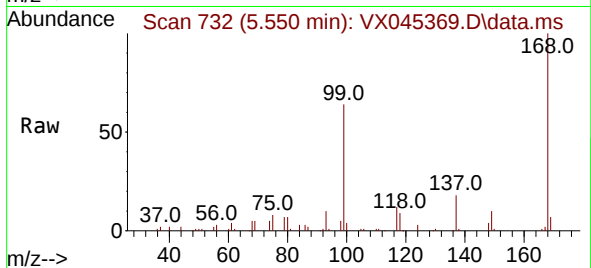
77 0.0 24.5 36.7#



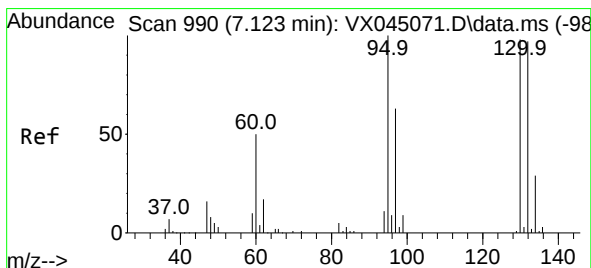
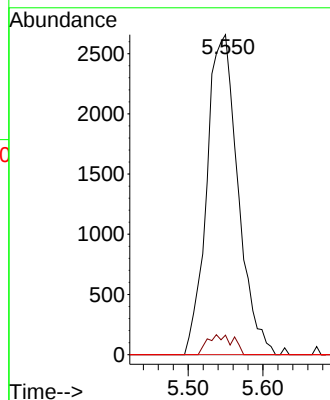
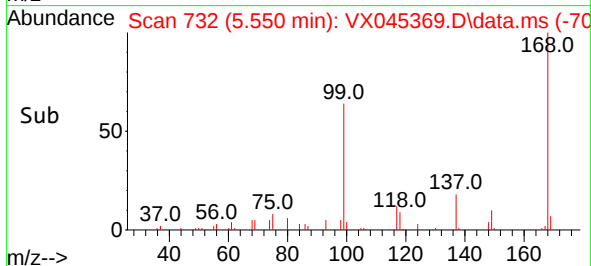


#38
Carbon Tetrachloride
Concen: 6.347 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX045369.D
Acq: 20 Mar 2025 18:19

Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313

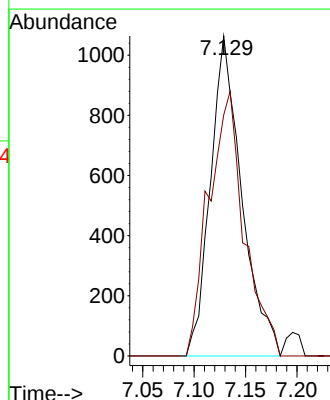
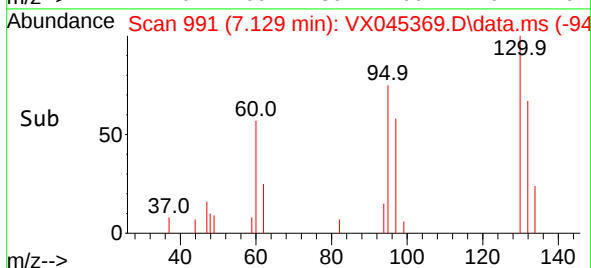
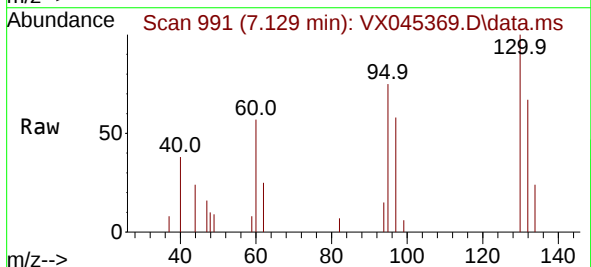


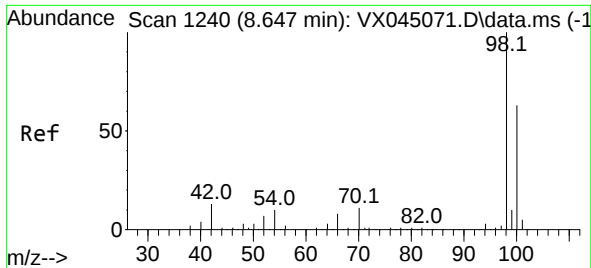
Tgt Ion:117 Resp: 7712
Ion Ratio Lower Upper
117 100
119 6.1 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 2.541 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045369.D
Acq: 20 Mar 2025 18:19

Tgt Ion:130 Resp: 2255
Ion Ratio Lower Upper
130 100
95 75.3 0.0 205.0

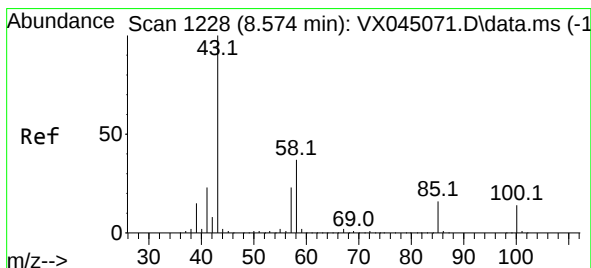
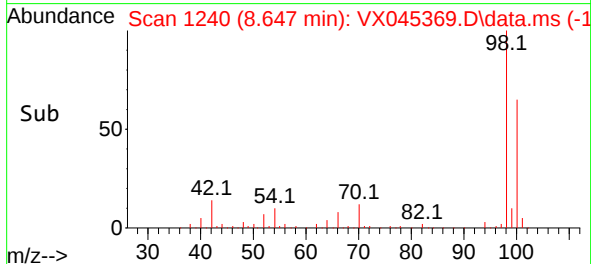
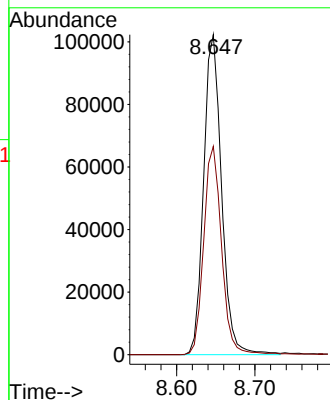
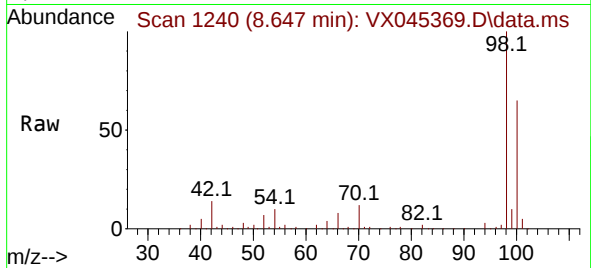




#50
Toluene-d8
Concen: 51.399 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045369.D
Acq: 20 Mar 2025 18:19

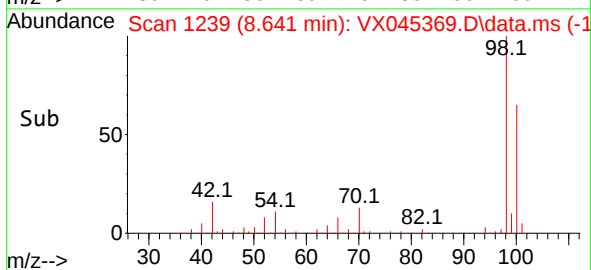
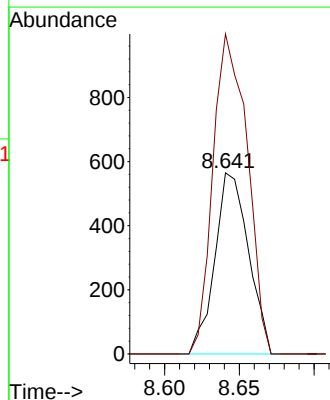
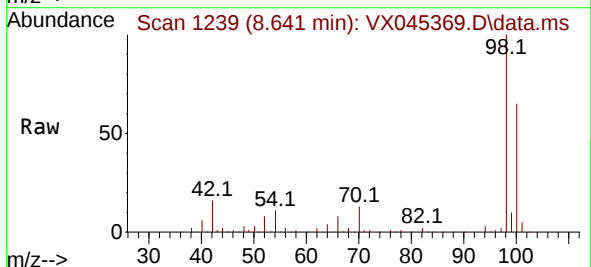
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313

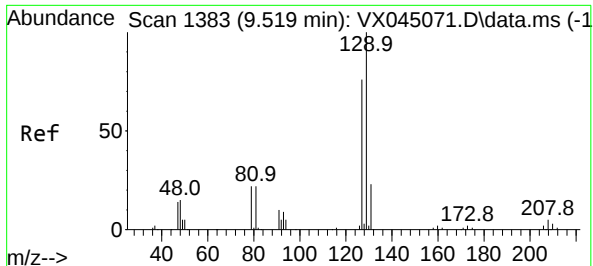
Tgt Ion: 98 Resp: 162619
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045369.D
Acq: 20 Mar 2025 18:19

Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 179.3 29.2 43.8#

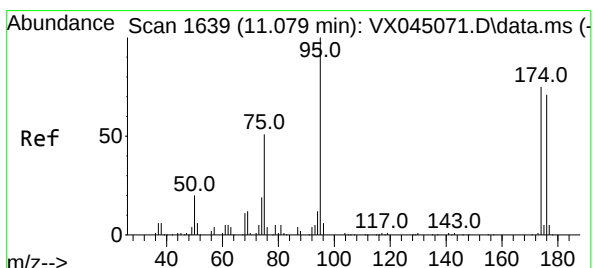
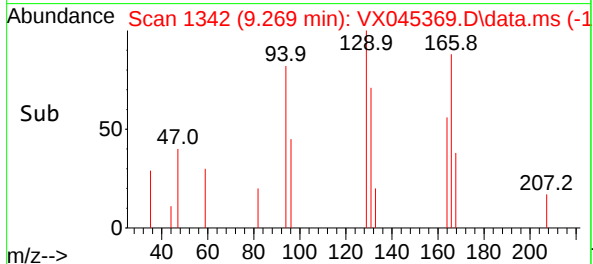
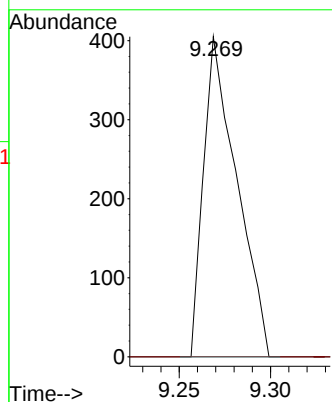
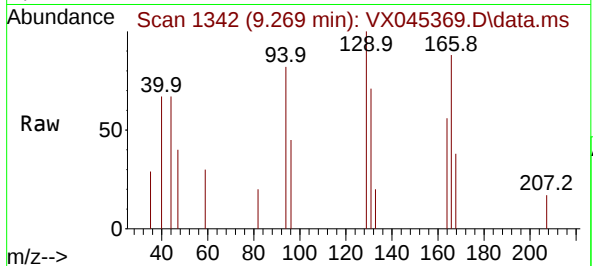




#60
Dibromochloromethane
Concen: 0.539 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX045369.D
Acq: 20 Mar 2025 18:19

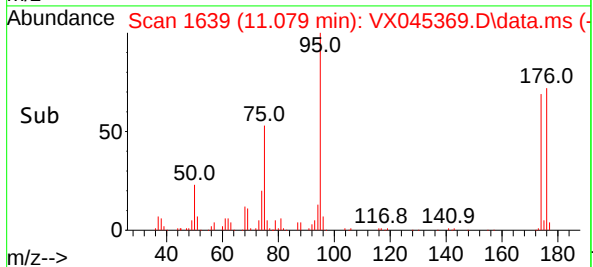
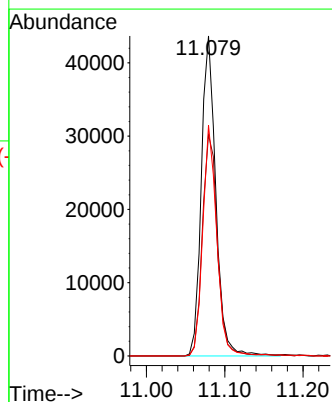
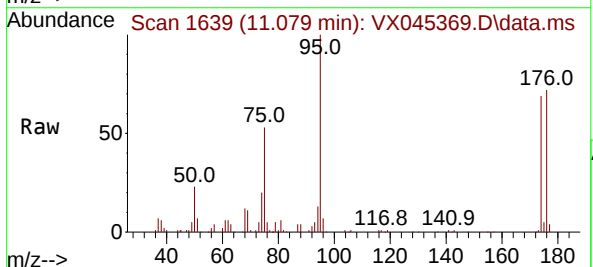
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313

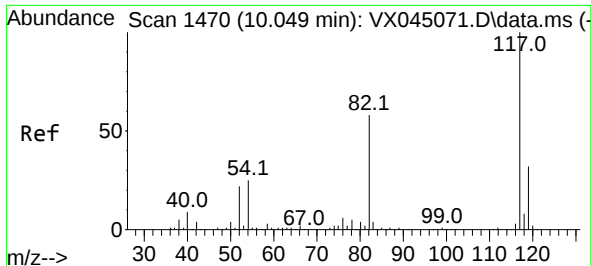
Tgt Ion:129 Resp: 514
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 53.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045369.D
Acq: 20 Mar 2025 18:19

Tgt Ion: 95 Resp: 56246
Ion Ratio Lower Upper
95 100
174 71.9 0.0 148.2
176 69.1 0.0 141.4

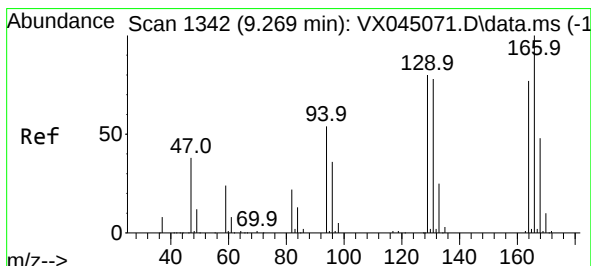
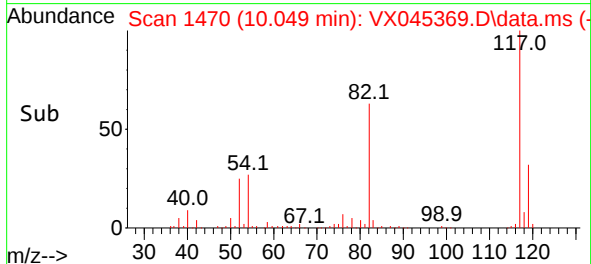
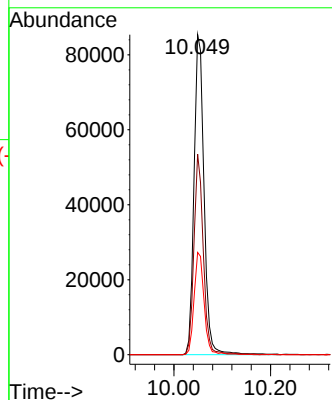
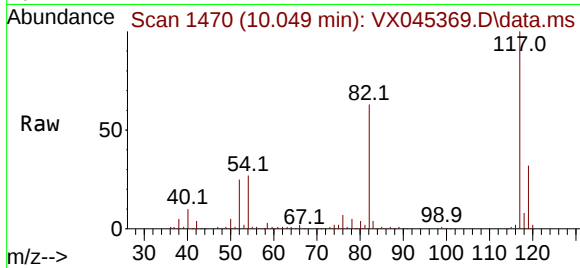




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045369.D
Acq: 20 Mar 2025 18:19

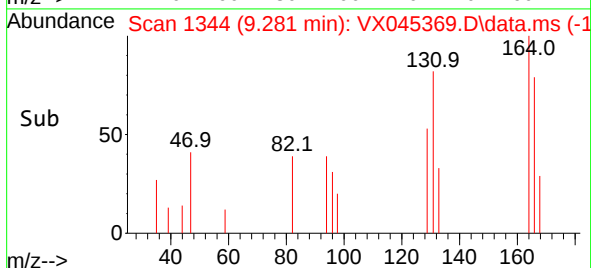
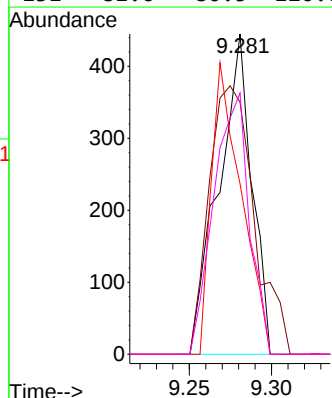
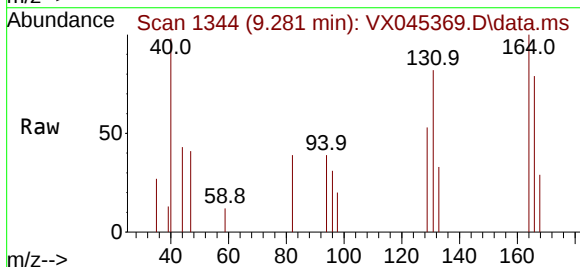
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313

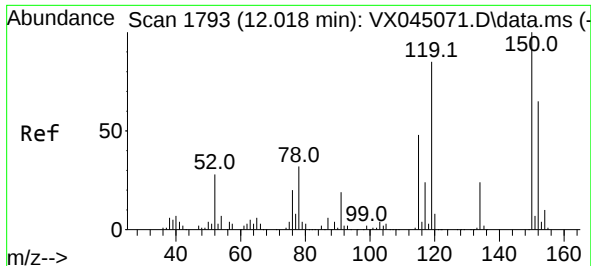
Tgt Ion:117 Resp: 122323
Ion Ratio Lower Upper
117 100
82 62.7 46.3 69.5
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 0.798 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.012 min
Lab File: VX045369.D
Acq: 20 Mar 2025 18:19

Tgt Ion:164 Resp: 625
Ion Ratio Lower Upper
164 100
166 78.7 103.6 155.4#
129 53.3 82.7 124.1#
131 81.6 80.5 120.7

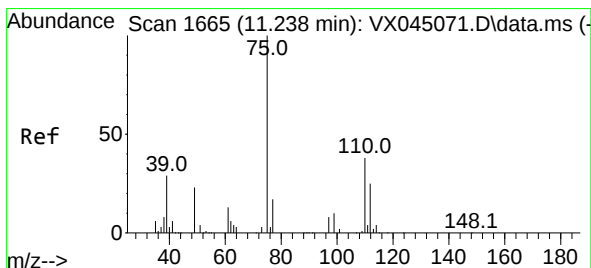
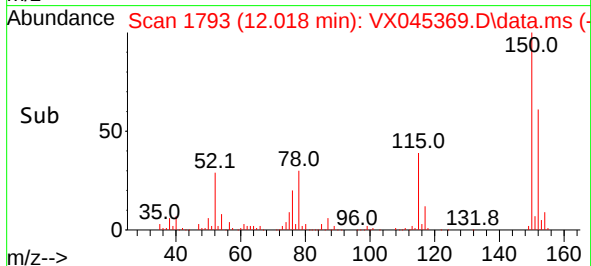
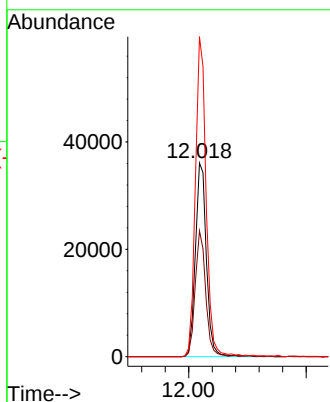
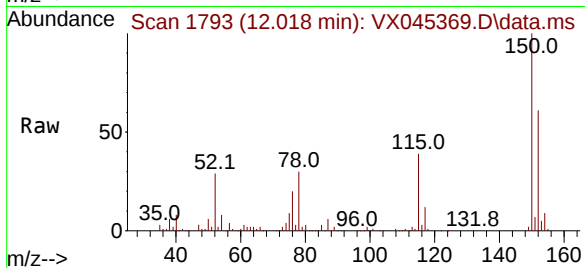




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045369.D
 Acq: 20 Mar 2025 18:19

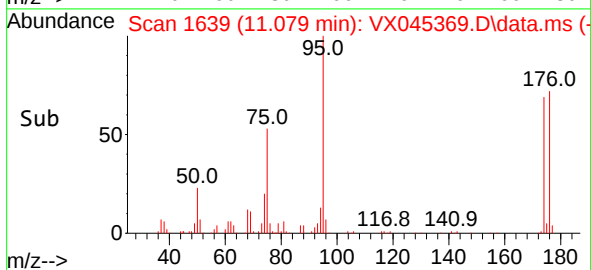
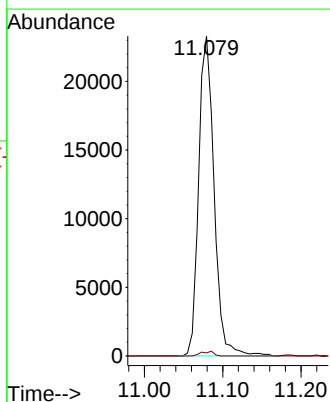
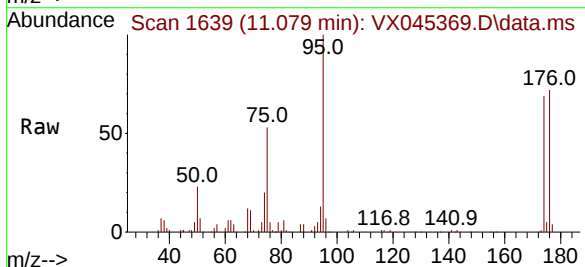
Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20250313

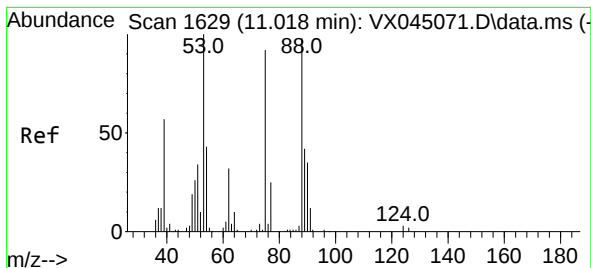
Tgt Ion:152 Resp: 47028
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.2 132.6
 150 161.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.152 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045369.D
 Acq: 20 Mar 2025 18:19

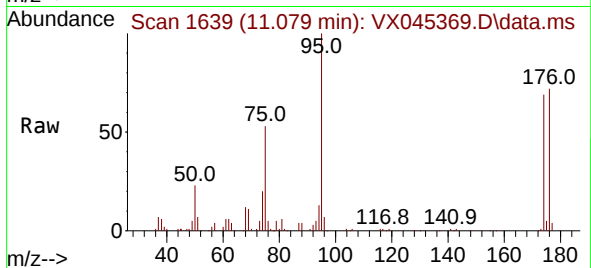
Tgt Ion: 75 Resp: 31909
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.763 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045369.D
Acq: 20 Mar 2025 18:19

Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313



Tgt Ion: 75 Resp: 31909
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

