

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045439.D
 Acq On : 25 Mar 2025 14:50
 Operator : JC/MD
 Sample : Q1608-21DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20250319DL

Quant Time: Mar 26 01:39:04 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)

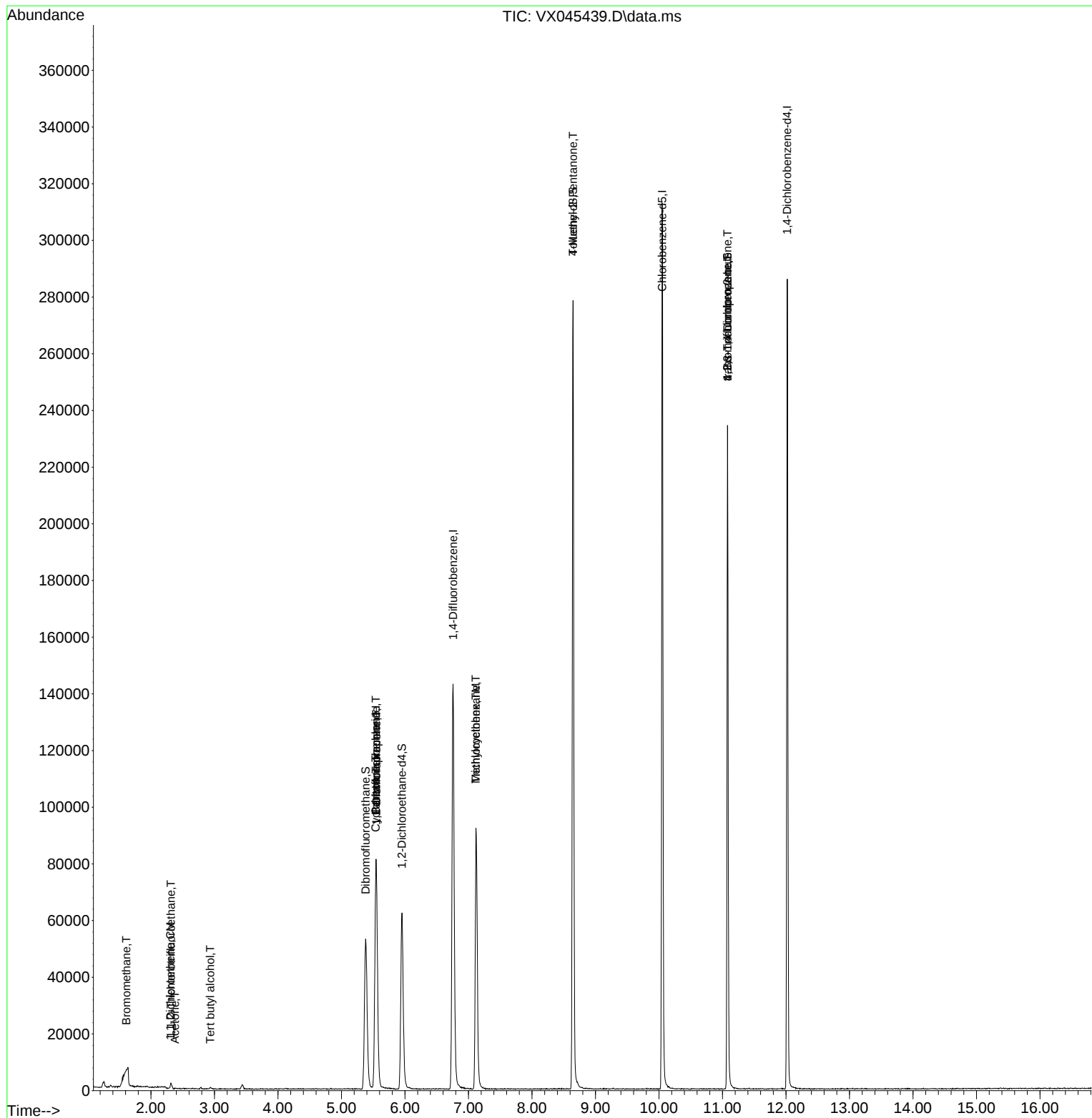
Internal Standards						
1) Pentafluorobenzene	5.544	168	70652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61817	55.006	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.020%	
35) Dibromofluoromethane	5.379	113	45901	49.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.640%	
50) Toluene-d8	8.647	98	163272	48.394	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.780%	
62) 4-Bromofluorobenzene	11.079	95	58937	52.718	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	131	0.309	ug/l #	3
9) 1,1,2-Trichlorotrifluo...	2.313	101	694	0.845	ug/l	97
11) Tert butyl alcohol	2.935	59	50	0.235	ug/l #	73
12) 1,1-Dichloroethene	2.307	96	227	0.261	ug/l #	78
16) Acetone	2.380	43	223	0.428	ug/l #	44
31) Cyclohexane	5.538	56	2003	1.310	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	6760	5.297	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8020	6.190	ug/l #	16
39) Methylcyclohexane	7.117	83	552	0.361	ug/l #	1
44) Trichloroethene	7.117	130	34101	36.036	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	924	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33217	26.355	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33217	90.192	ug/l #	6

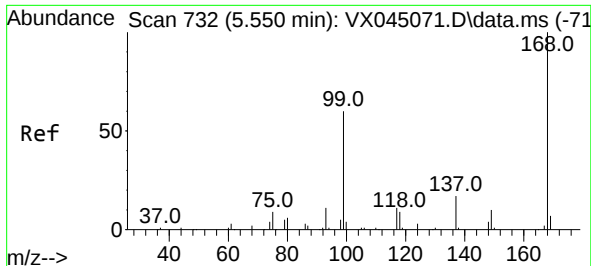
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
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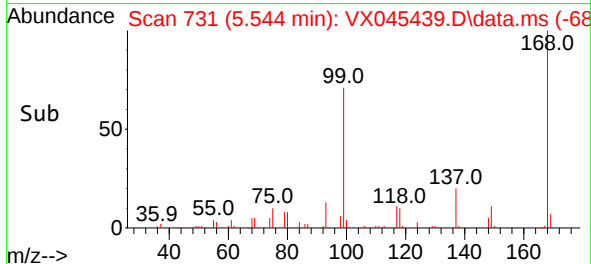
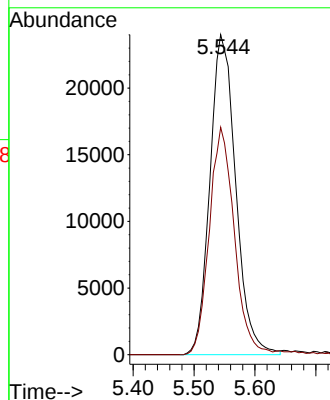
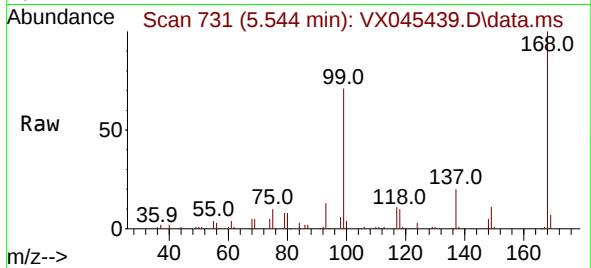




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

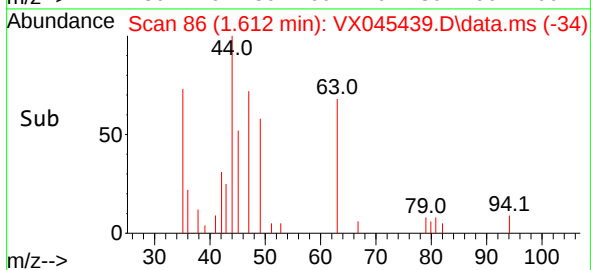
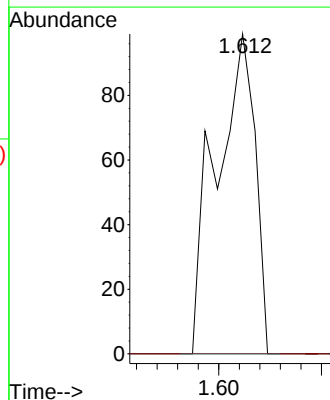
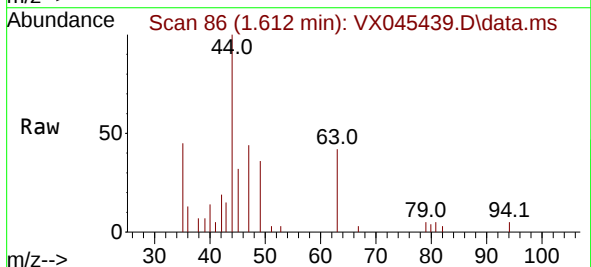
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250319DL

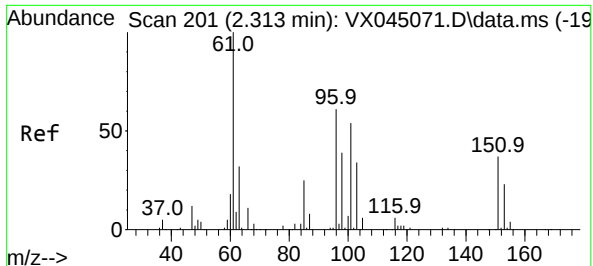
Tgt Ion:168 Resp: 70652
Ion Ratio Lower Upper
168 100
99 71.1 48.2 72.4



#5
Bromomethane
Concen: 0.309 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#

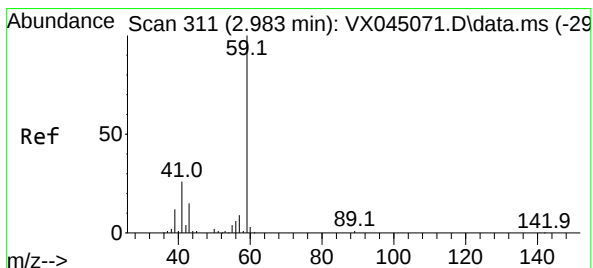
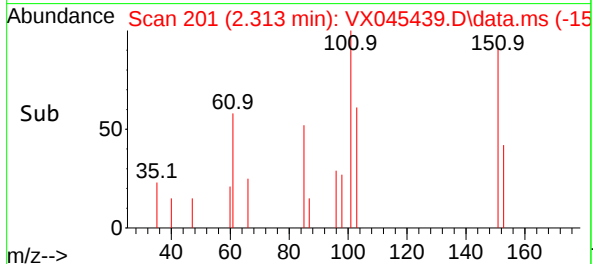
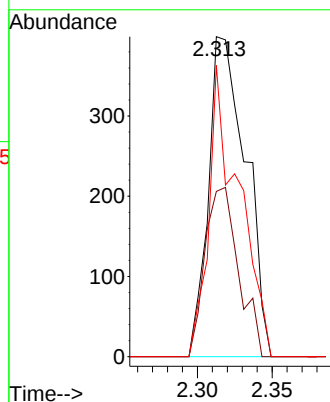
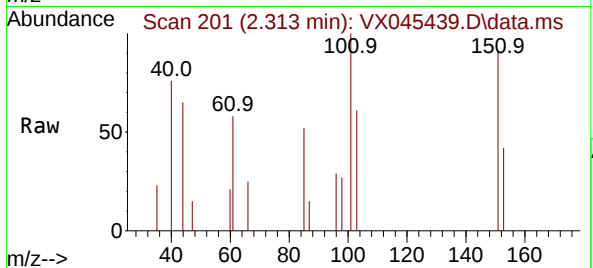




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.845 ug/l
RT: 2.313 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

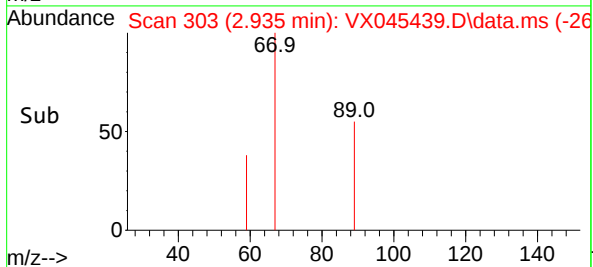
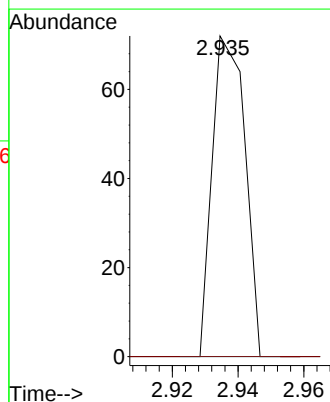
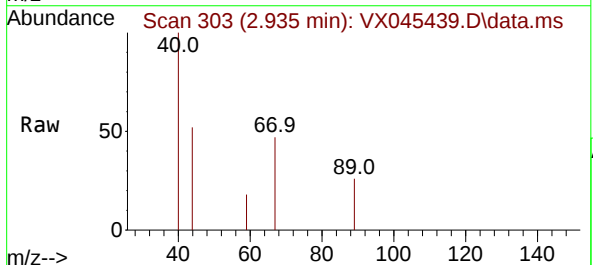
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250319DL

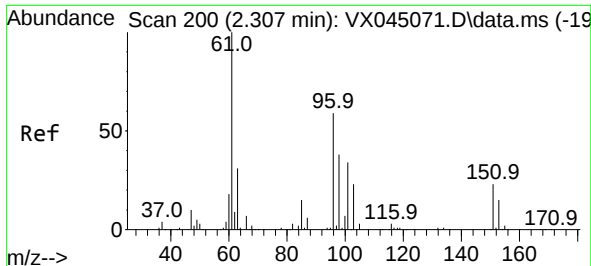
Tgt Ion:	101	Resp:	694
Ion	Ratio	Lower	Upper
101	100		
85	47.4	36.2	54.4
151	72.9	56.4	84.6



#11
Tert butyl alcohol
Concen: 0.235 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

Tgt Ion:	59	Resp:	50
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8





#12

1,1-Dichloroethene

Concen: 0.261 ug/l

RT: 2.307 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX045439.D

Acq: 25 Mar 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20250319DL

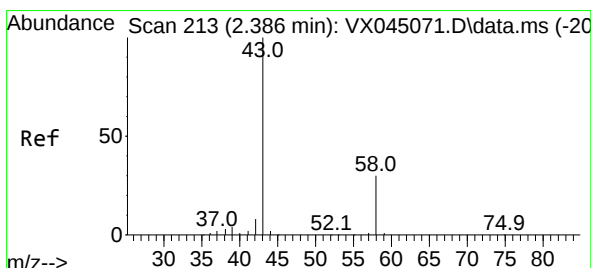
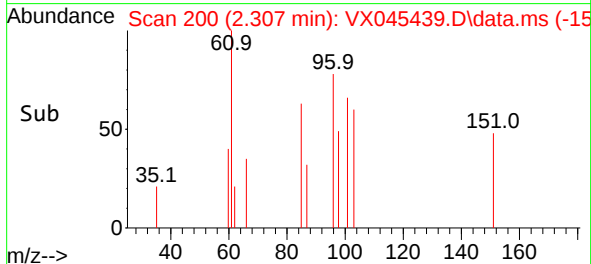
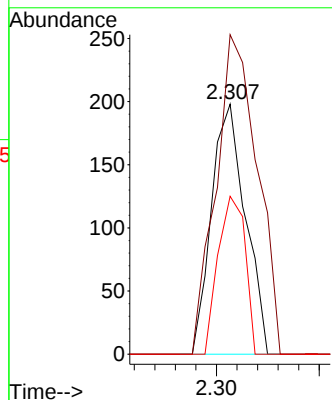
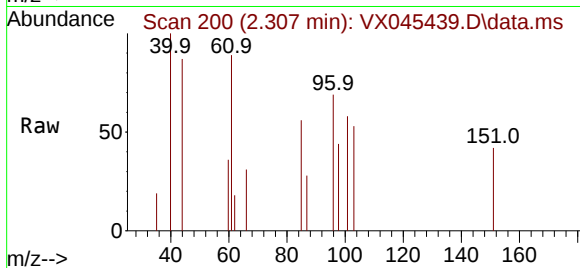
Tgt Ion: 96 Resp: 227

Ion Ratio Lower Upper

96 100

61 127.8 134.6 202.0#

98 63.1 51.0 76.6



#16

Acetone

Concen: 0.428 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045439.D

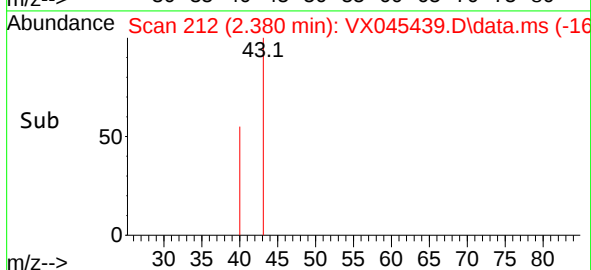
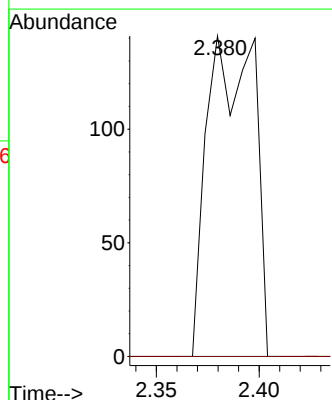
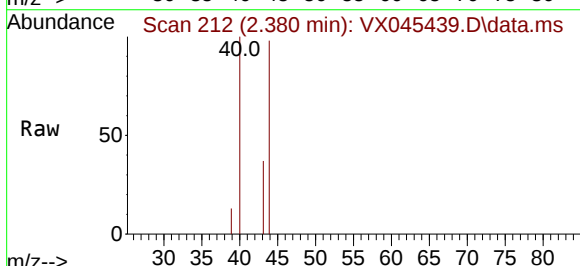
Acq: 25 Mar 2025 14:50

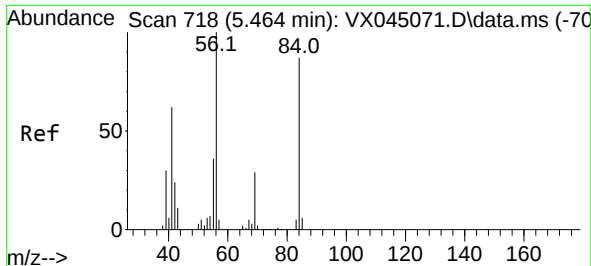
Tgt Ion: 43 Resp: 223

Ion Ratio Lower Upper

43 100

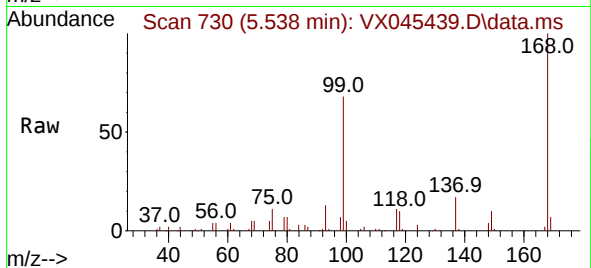
58 0.0 24.2 36.4#



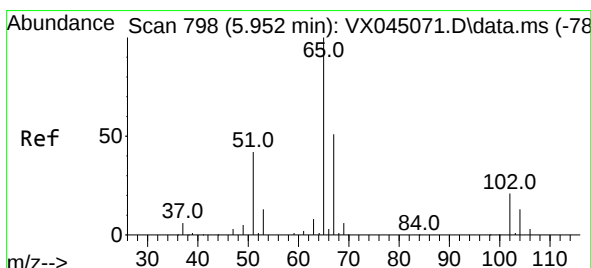
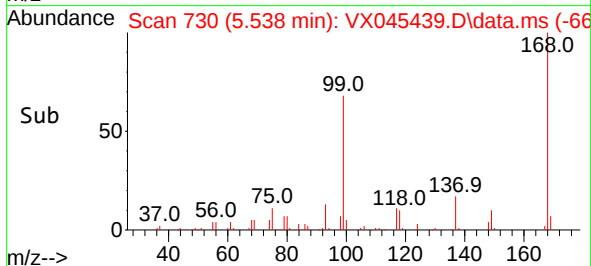
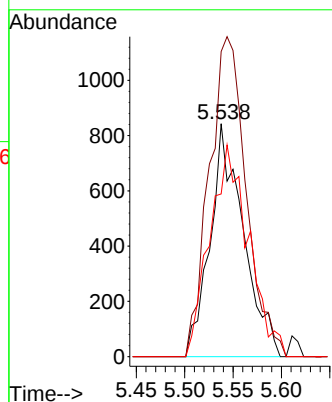


#31
Cyclohexane
Concen: 1.310 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250319DL

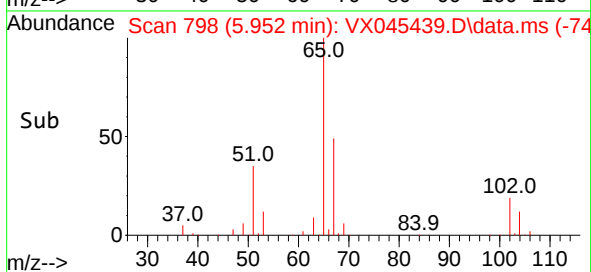
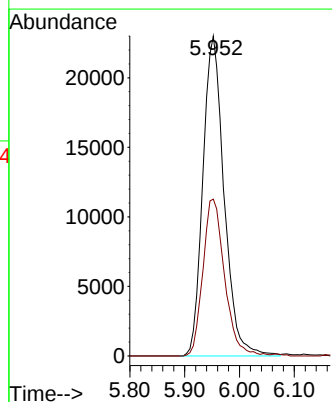
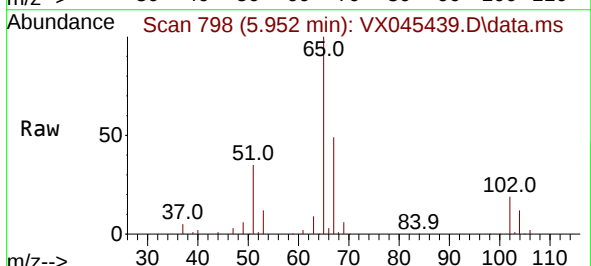


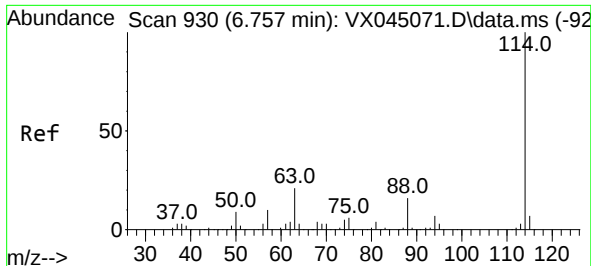
Tgt Ion: 56 Resp: 2003
Ion Ratio Lower Upper
56 100
69 131.0 23.4 35.2#
84 69.9 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 55.006 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

Tgt Ion: 65 Resp: 61817
Ion Ratio Lower Upper
65 100
67 50.0 0.0 106.2

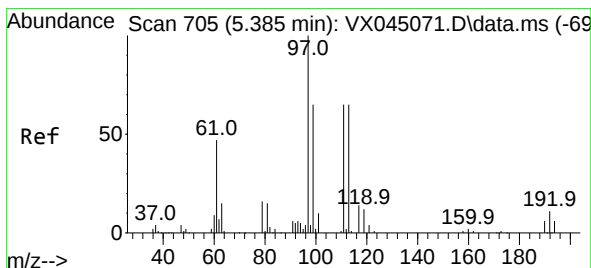
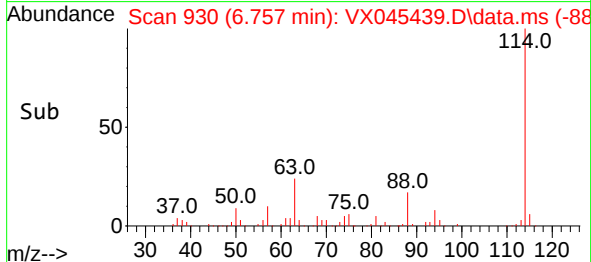
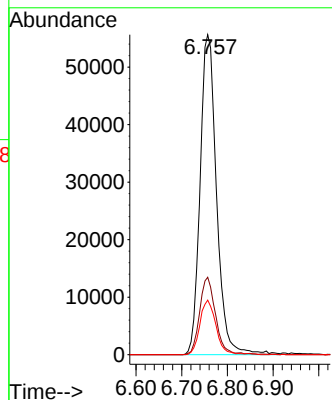
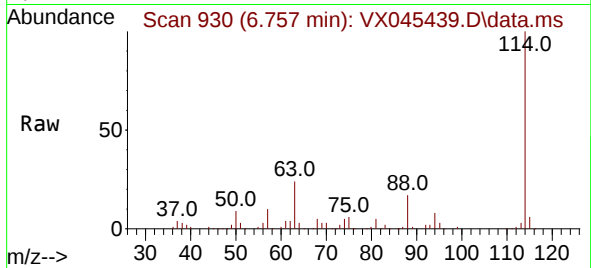




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

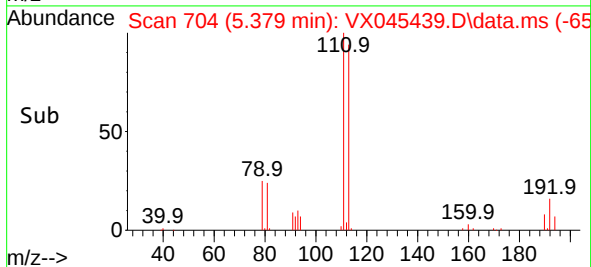
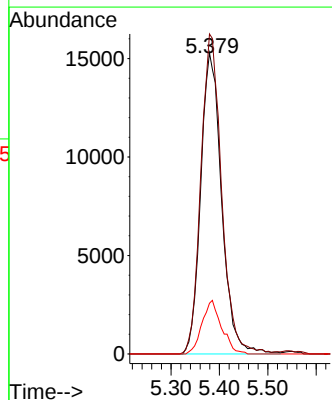
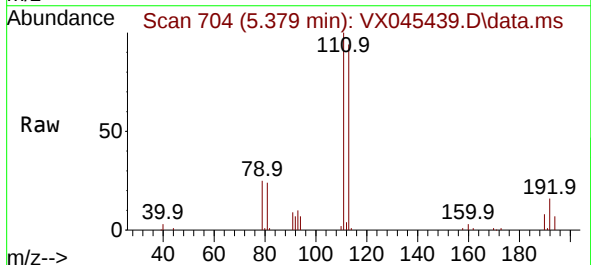
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250319DL

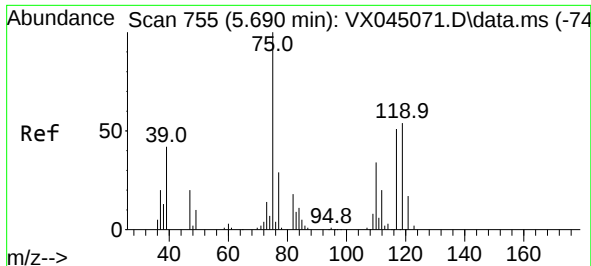
Tgt Ion:114 Resp: 139172
Ion Ratio Lower Upper
114 100
63 24.2 0.0 41.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.324 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

Tgt Ion:113 Resp: 45901
Ion Ratio Lower Upper
113 100
111 105.5 81.8 122.6
192 16.7 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.297 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045439.D

Acq: 25 Mar 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20250319DL

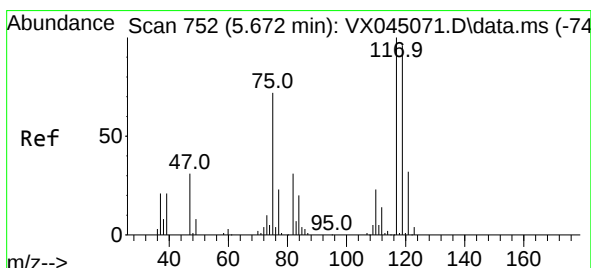
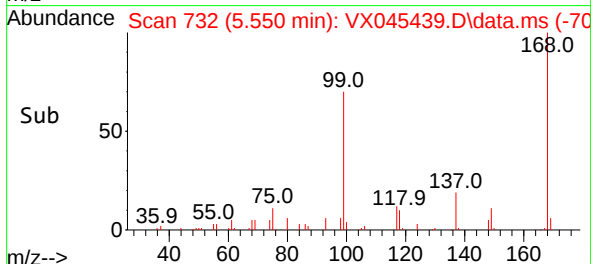
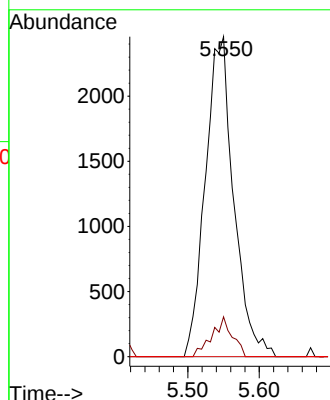
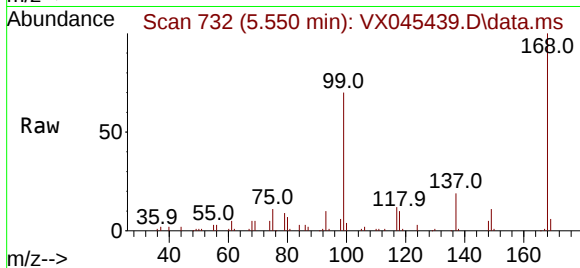
Tgt Ion: 75 Resp: 6760

Ion Ratio Lower Upper

75 100

110 8.9 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.190 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045439.D

Acq: 25 Mar 2025 14:50

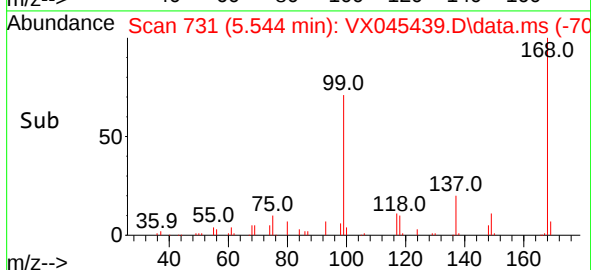
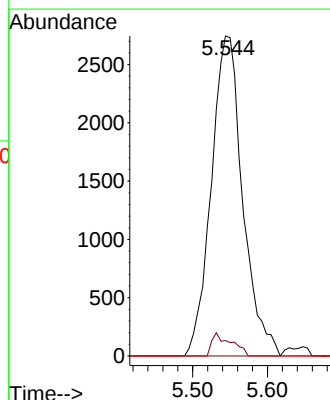
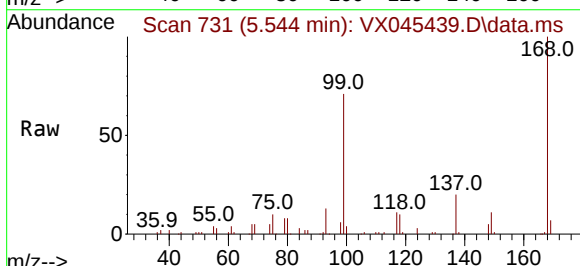
Tgt Ion: 117 Resp: 8020

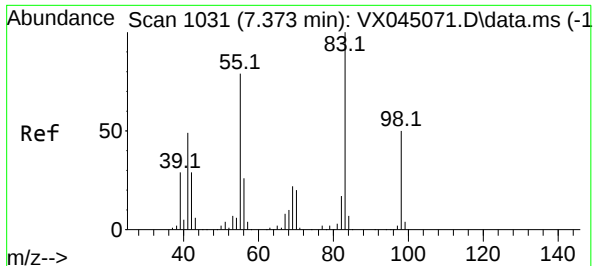
Ion Ratio Lower Upper

117 100

119 4.8 76.7 115.1#

121 0.0 25.5 38.3#





#39

Methylcyclohexane

Concen: 0.361 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.256 min

Lab File: VX045439.D

Acq: 25 Mar 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

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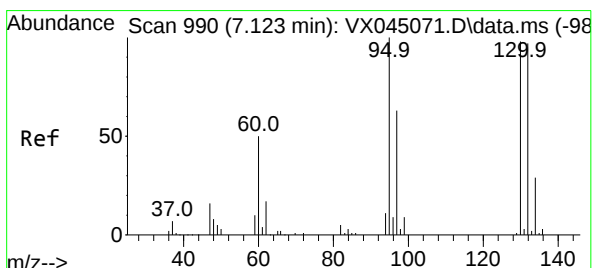
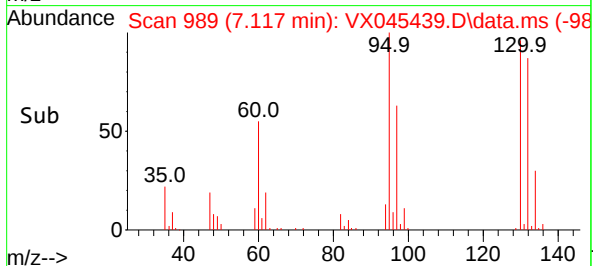
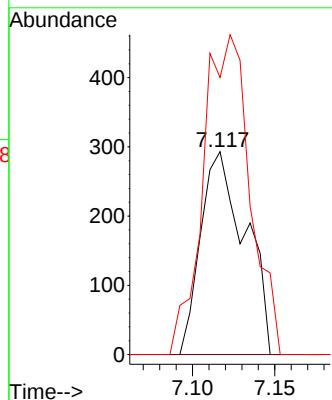
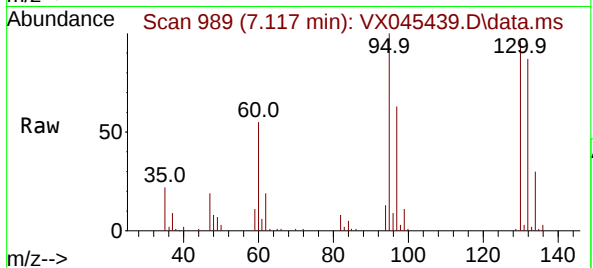
Tgt Ion: 83 Resp: 552

Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.4#

98 136.5 39.7 59.5#



#44

Trichloroethene

Concen: 36.036 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX045439.D

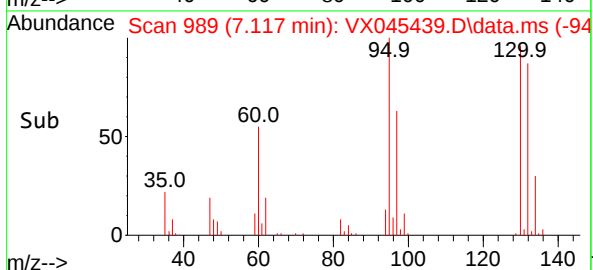
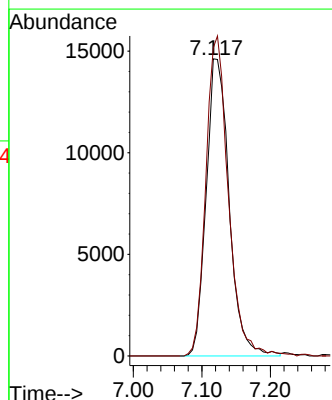
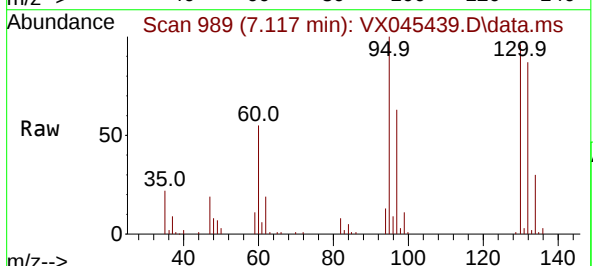
Acq: 25 Mar 2025 14:50

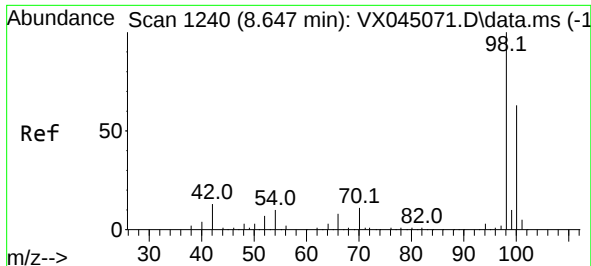
Tgt Ion:130 Resp: 34101

Ion Ratio Lower Upper

130 100

95 103.7 0.0 205.0

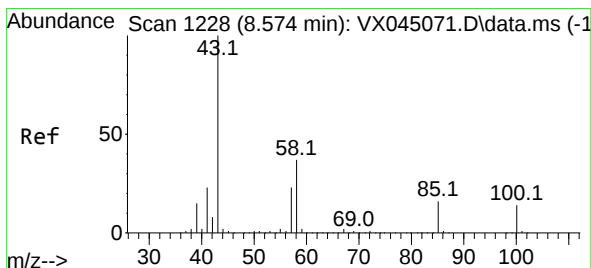
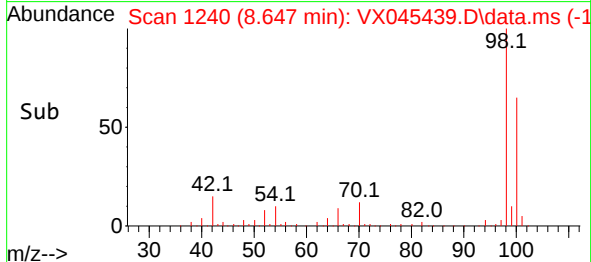
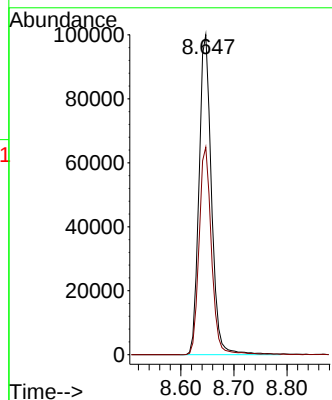
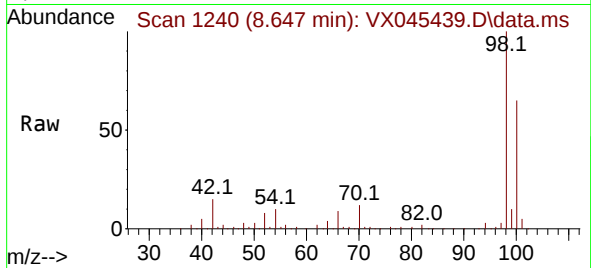




#50
Toluene-d8
Concen: 48.394 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

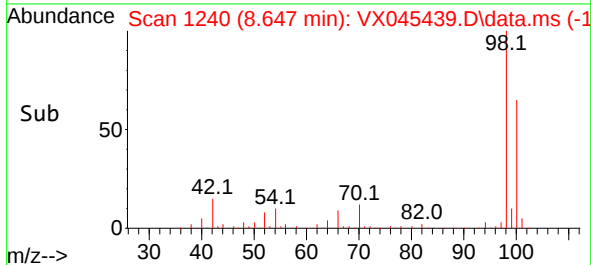
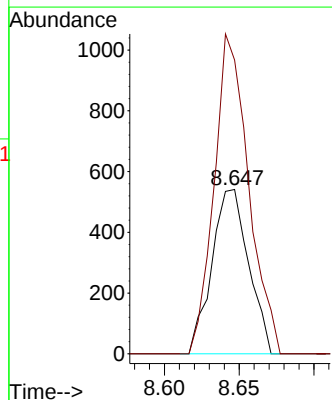
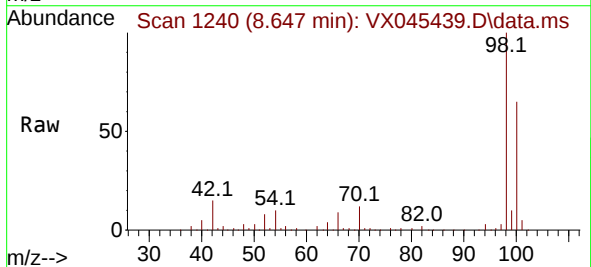
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250319DL

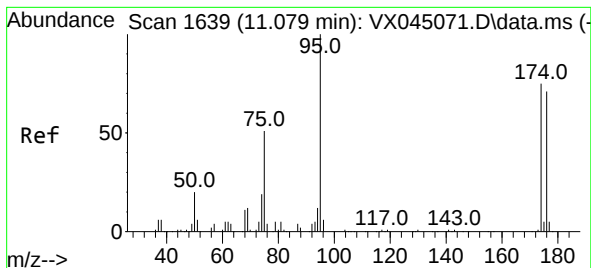
Tgt Ion: 98 Resp: 163272
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 182.7 29.2 43.8#

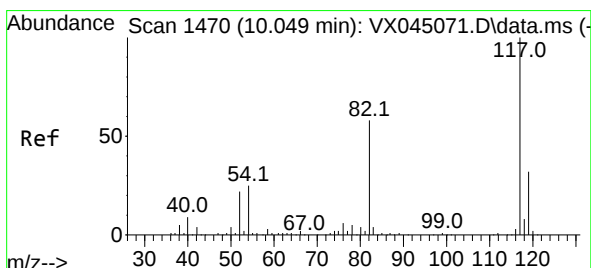
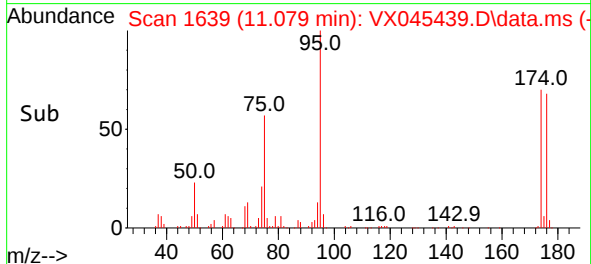
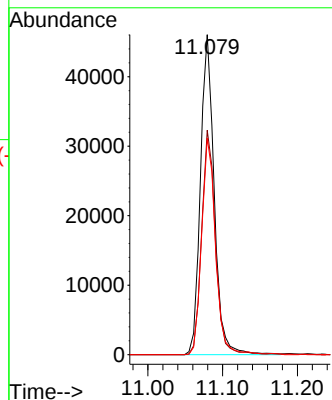
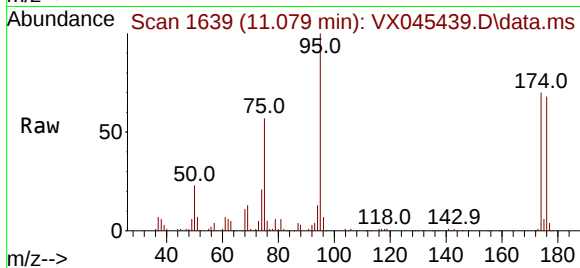




#62
4-Bromofluorobenzene
Concen: 52.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

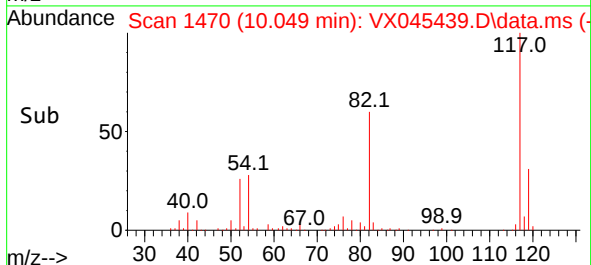
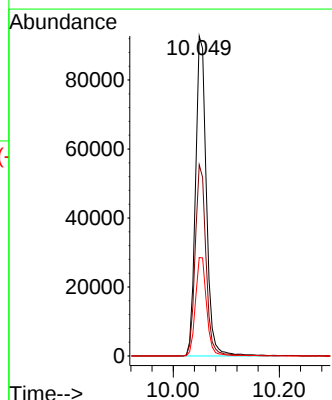
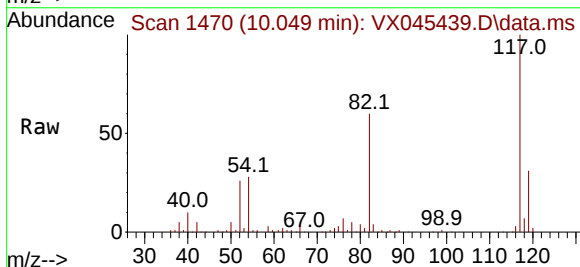
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250319DL

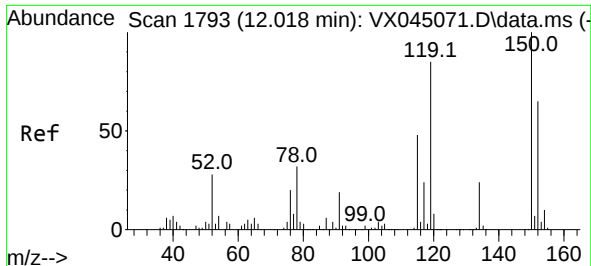
Tgt Ion: 95 Resp: 58937
Ion Ratio Lower Upper
95 100
174 70.3 0.0 148.2
176 68.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

Tgt Ion: 117 Resp: 131487
Ion Ratio Lower Upper
117 100
82 59.7 46.3 69.5
119 30.7 25.7 38.5

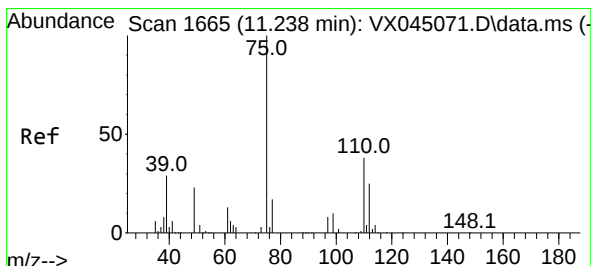
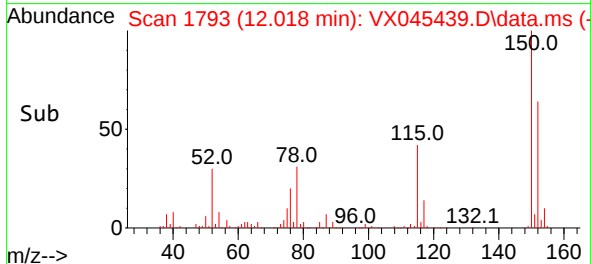
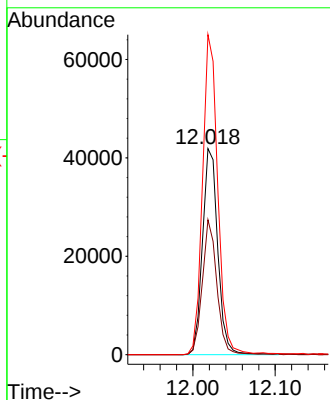
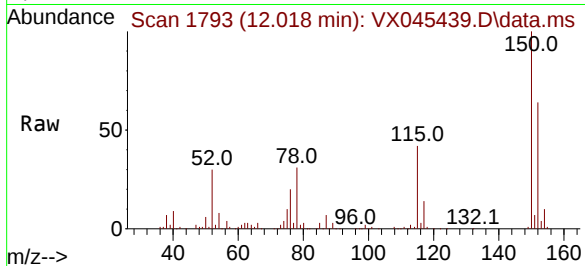




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045439.D
 Acq: 25 Mar 2025 14:50

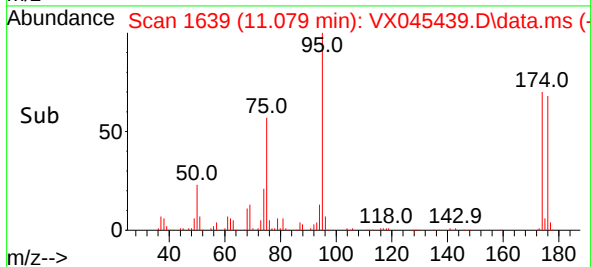
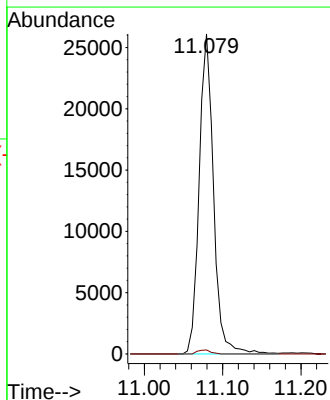
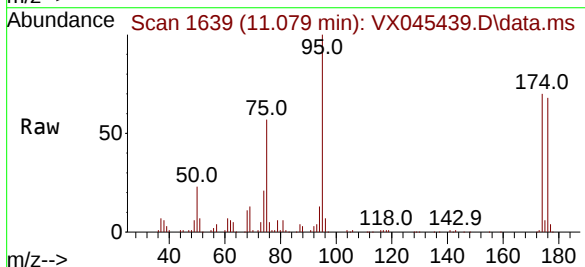
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20250319DL

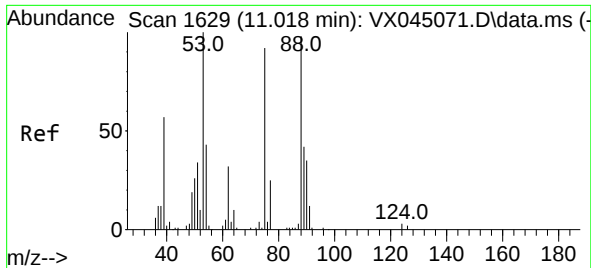
Tgt Ion:152 Resp: 54151
 Ion Ratio Lower Upper
 152 100
 115 62.6 44.2 132.6
 150 154.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.355 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045439.D
 Acq: 25 Mar 2025 14:50

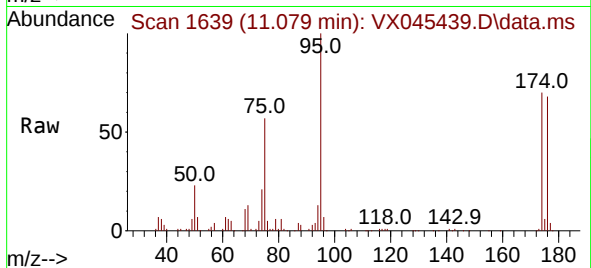
Tgt Ion: 75 Resp: 33217
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.192 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045439.D
Acq: 25 Mar 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250319DL



Tgt Ion: 75 Resp: 33217
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

