

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046461.D
 Acq On : 03 Jun 2025 10:38
 Operator : JC/MD
 Sample : VX0603MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603MBL01

Quant Time: Jun 04 01:22:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

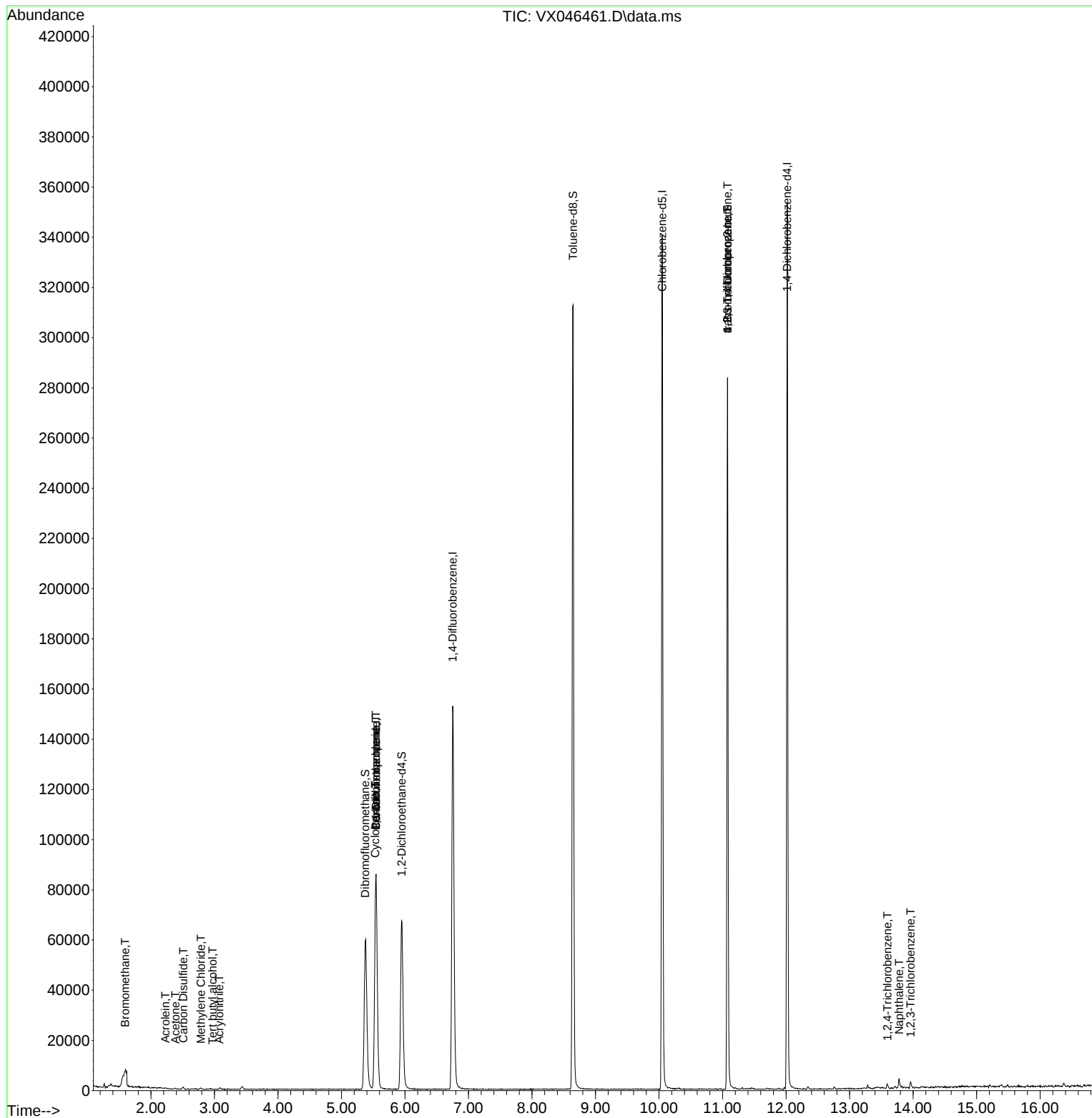
Internal Standards						
1) Pentafluorobenzene	5.544	168	73865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	145814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	70467	51.171	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.340%	
35) Dibromofluoromethane	5.373	113	51990	49.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.020%	
50) Toluene-d8	8.647	98	183415	50.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	11.079	95	74990	53.793	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	143	0.302	ug/l #	53
11) Tert butyl alcohol	2.971	59	42	0.217	ug/l #	72
13) Acrolein	2.227	56	46	0.209	ug/l #	1
15) Acrylonitrile	3.075	53	210	0.380	ug/l #	65
16) Acetone	2.386	43	432	0.782	ug/l #	86
17) Carbon Disulfide	2.508	76	949	0.457	ug/l #	91
20) Methylene Chloride	2.788	84	295	0.279	ug/l #	45
31) Cyclohexane	5.532	56	2183	1.330	ug/l #	51
36) 1,1-Dichloropropene	5.544	75	7123	5.049	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8438	5.323	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	43022	27.860	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	43022	90.704	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	537	0.440	ug/l	95
95) Naphthalene	13.780	128	3315	0.741	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	681	0.541	ug/l	94

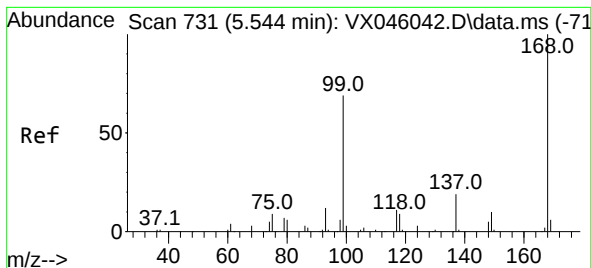
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
Data File : VX046461.D
Acq On : 03 Jun 2025 10:38
Operator : JC/MD
Sample : VX0603MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

Quant Time: Jun 04 01:22:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX046461.D

Acq: 03 Jun 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

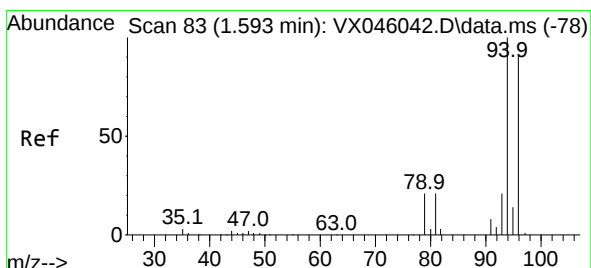
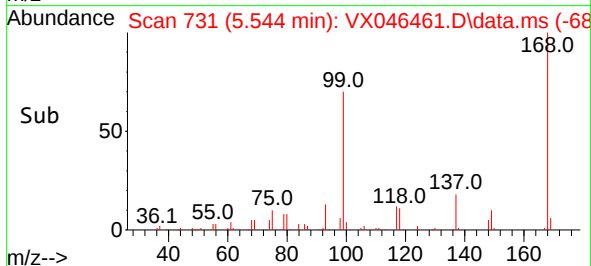
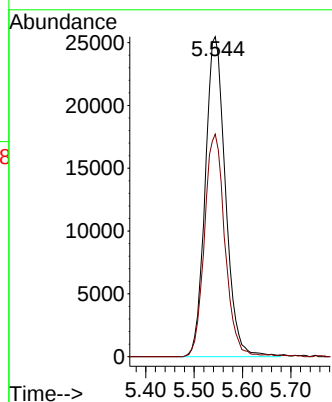
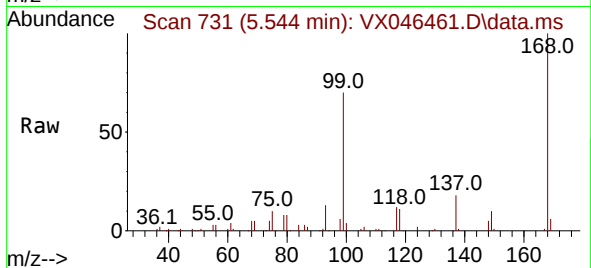
VX0603MBL01

Tgt Ion:168 Resp: 73865

Ion Ratio Lower Upper

168 100

99 69.5 54.9 82.3



#5

Bromomethane

Concen: 0.302 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX046461.D

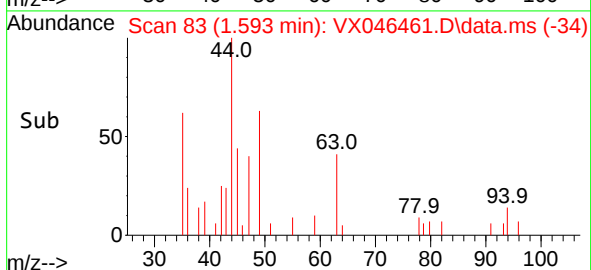
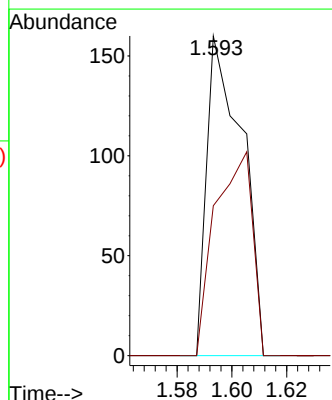
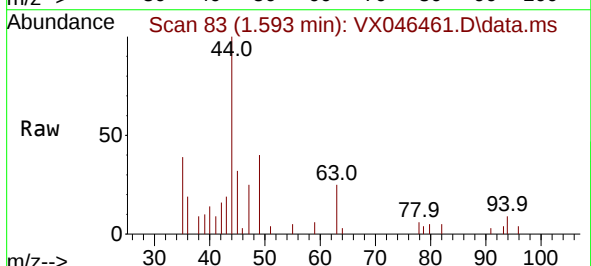
Acq: 03 Jun 2025 10:38

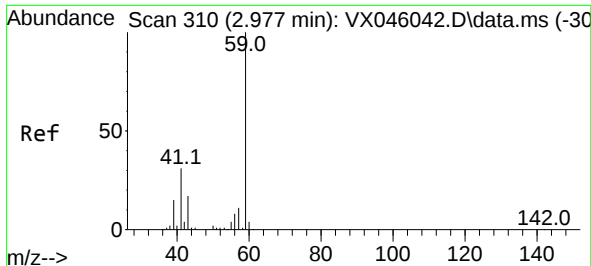
Tgt Ion: 94 Resp: 143

Ion Ratio Lower Upper

94 100

96 46.9 72.8 109.2#

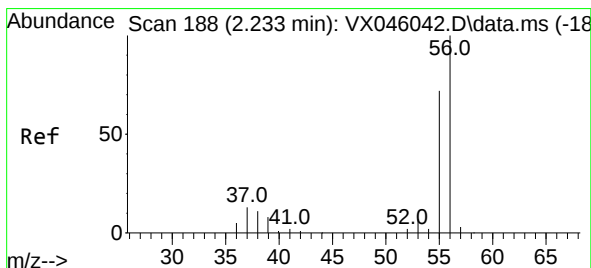
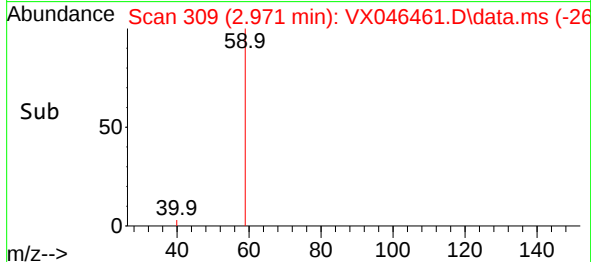
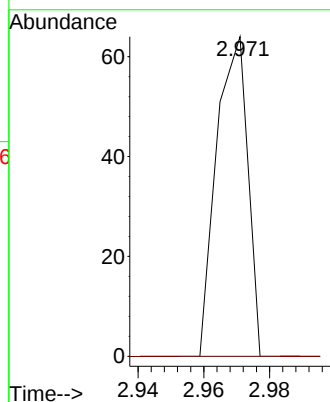
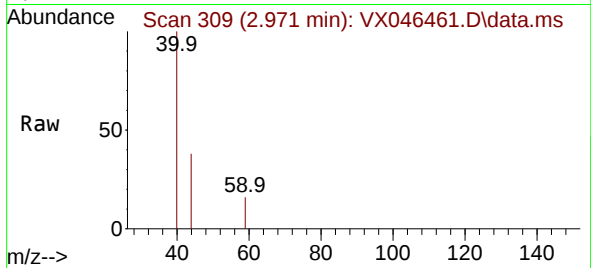




#11
Tert butyl alcohol
Concen: 0.217 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

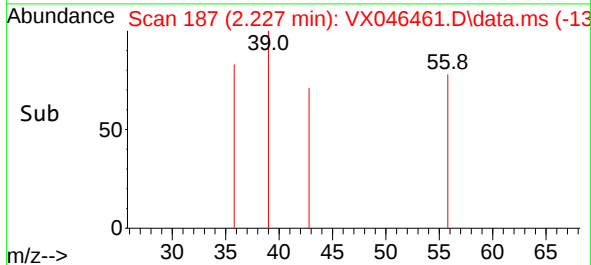
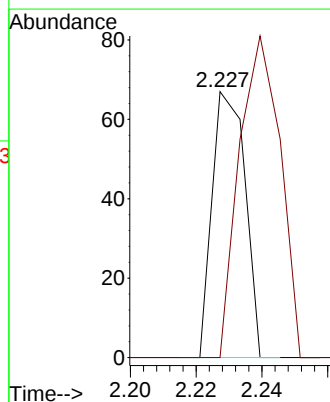
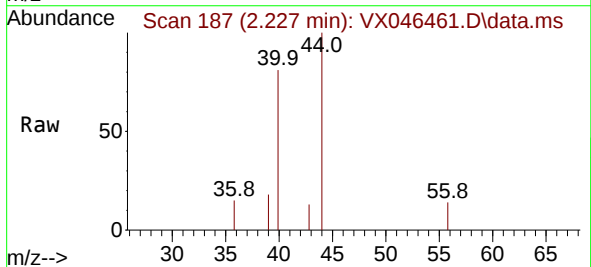
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

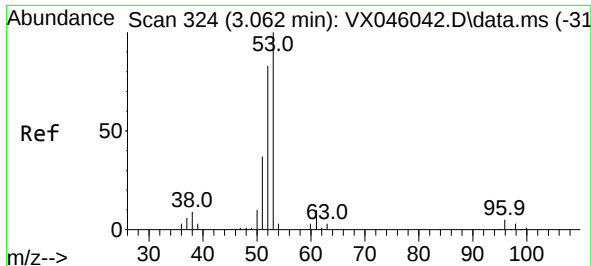
Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.209 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 152.2 56.2 84.4#

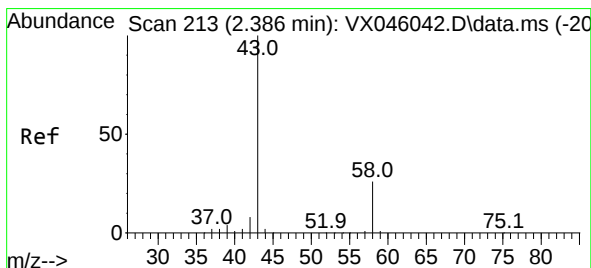
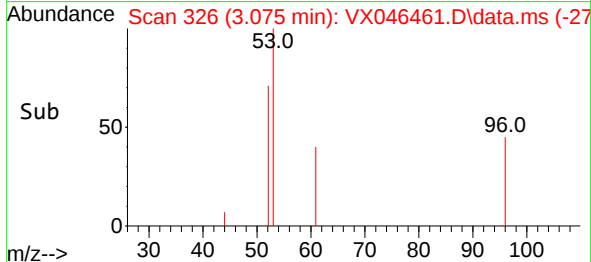
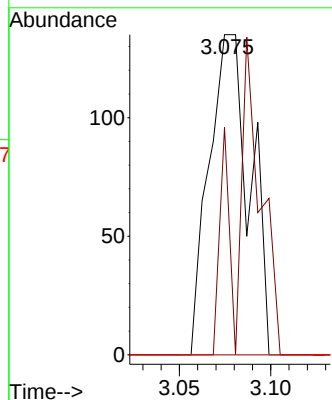
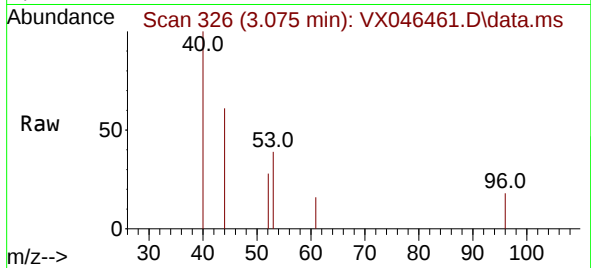




#15
Acrylonitrile
Concen: 0.380 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

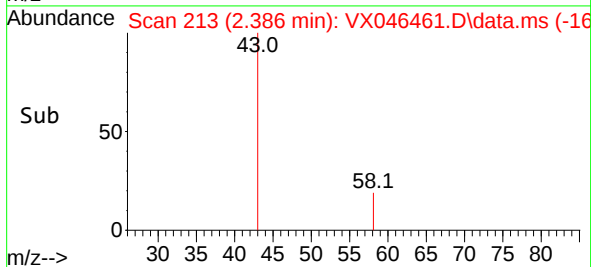
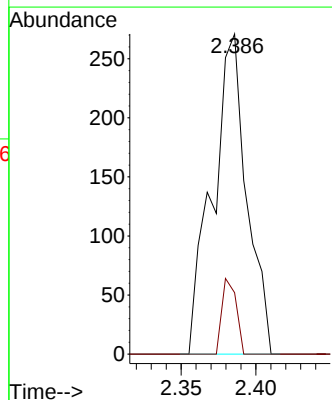
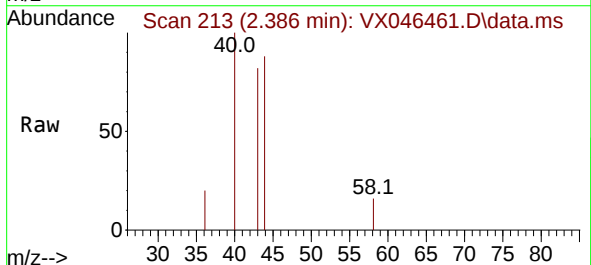
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

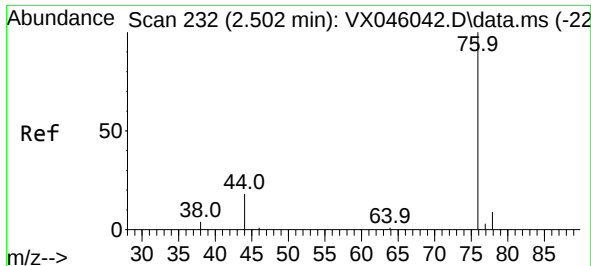
Tgt Ion: 53 Resp: 210
Ion Ratio Lower Upper
53 100
52 61.9 65.3 97.9#
51 0.0 29.8 44.8#



#16
Acetone
Concen: 0.782 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
58 19.2 21.2 31.8#





#17

Carbon Disulfide

Concen: 0.457 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046461.D

Acq: 03 Jun 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

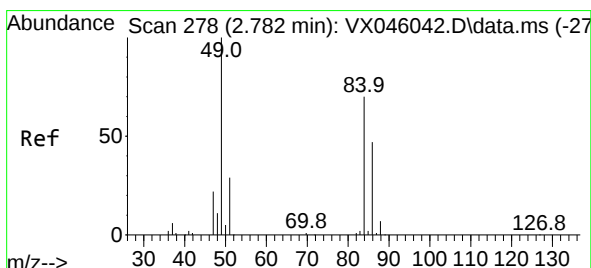
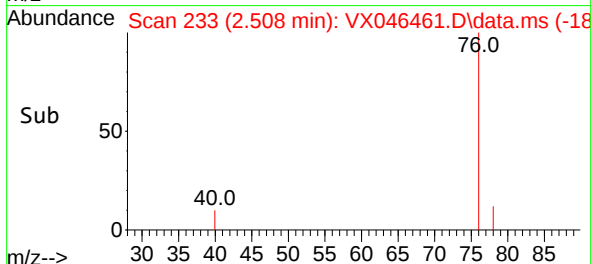
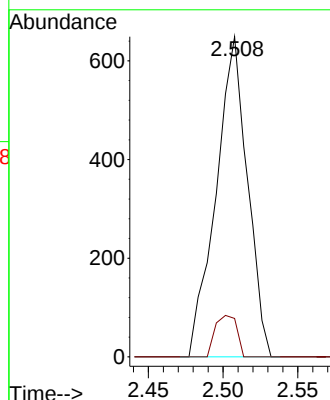
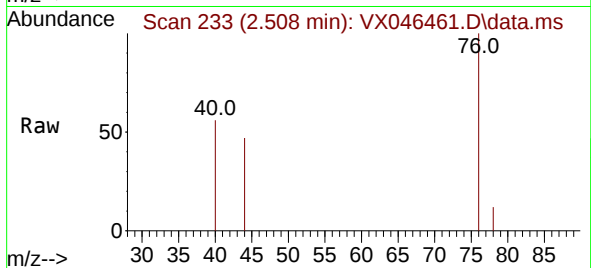
VX0603MBL01

Tgt Ion: 76 Resp: 949

Ion Ratio Lower Upper

76 100

78 12.0 7.0 10.4#



#20

Methylene Chloride

Concen: 0.279 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX046461.D

Acq: 03 Jun 2025 10:38

Tgt Ion: 84 Resp: 295

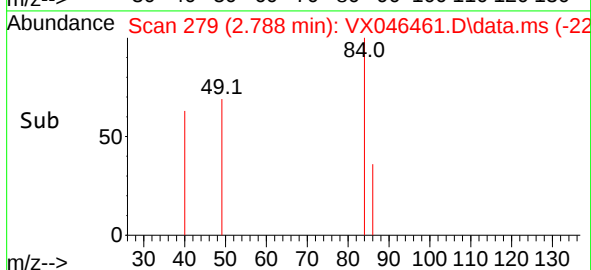
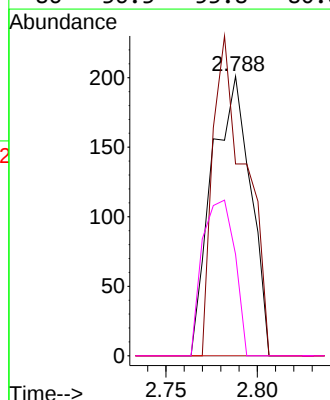
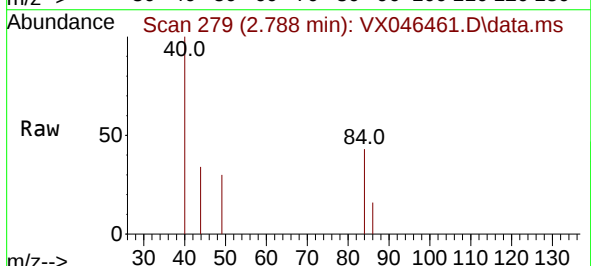
Ion Ratio Lower Upper

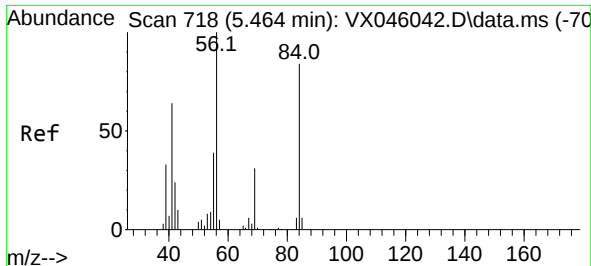
84 100

49 68.7 113.9 170.9#

51 0.0 33.5 50.3#

86 36.3 53.8 80.8#

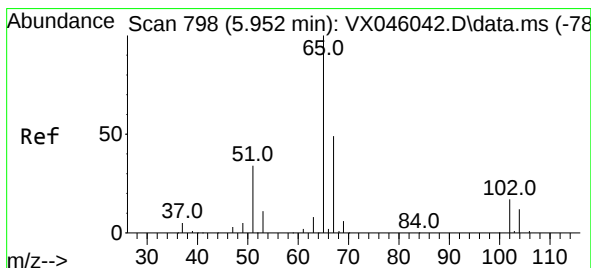
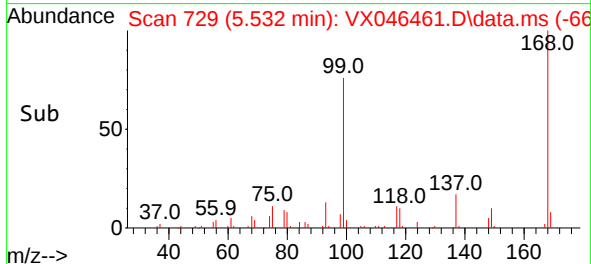
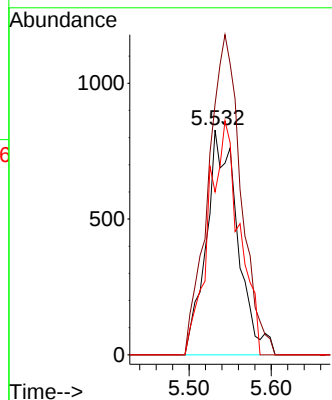
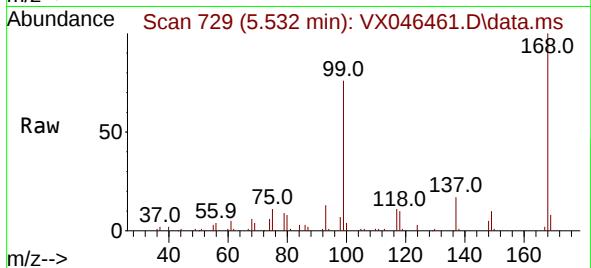




#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.532 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

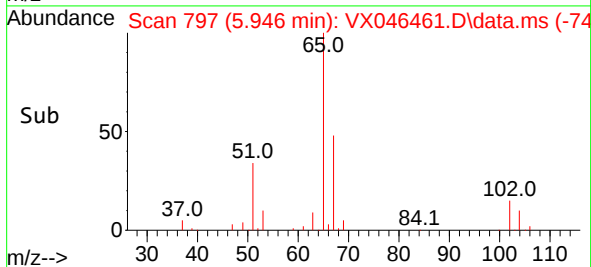
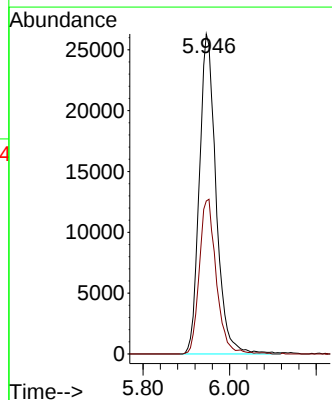
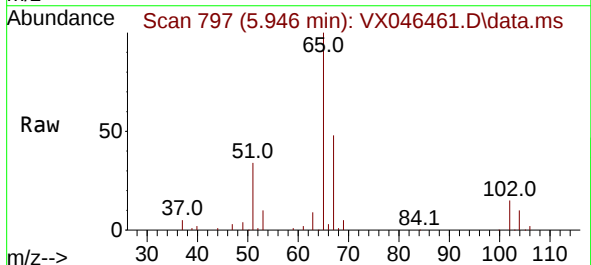
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

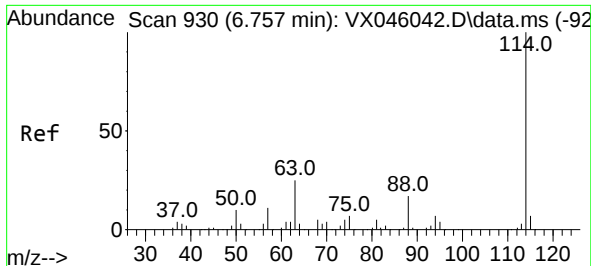
Tgt Ion: 56 Resp: 2183
Ion Ratio Lower Upper
56 100
69 111.5 24.4 36.6#
84 72.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.171 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

Tgt Ion: 65 Resp: 70467
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

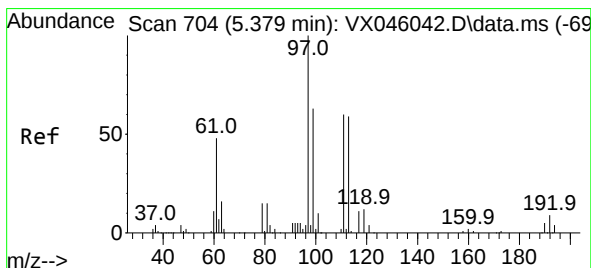
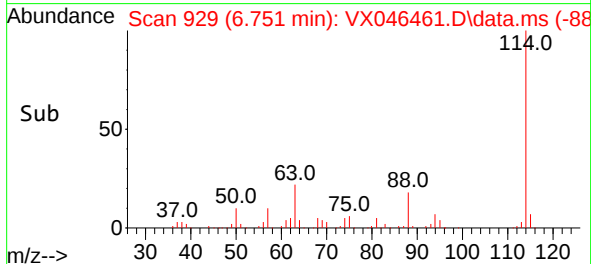
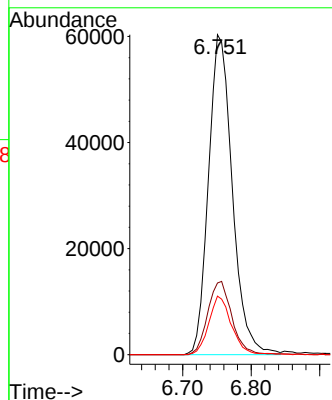
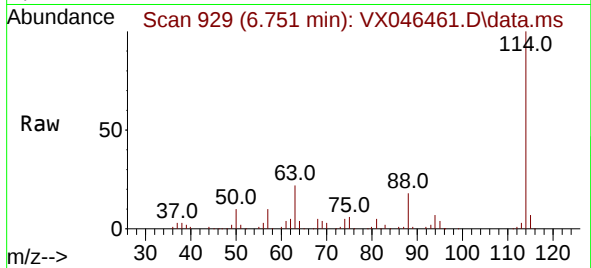




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

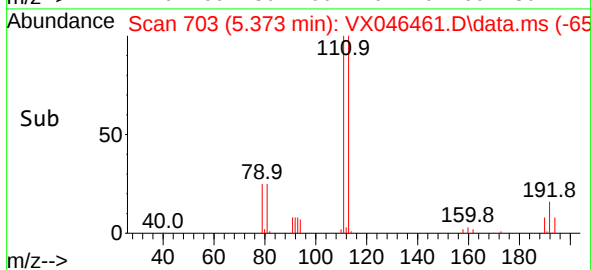
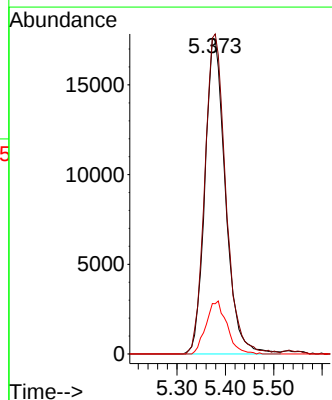
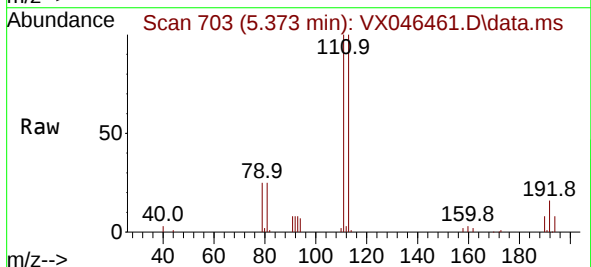
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

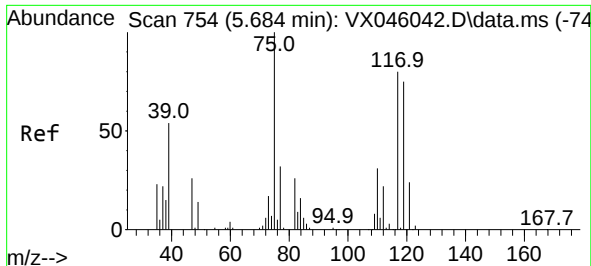
Tgt Ion:114 Resp: 145814
Ion Ratio Lower Upper
114 100
63 22.4 0.0 49.2
88 18.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.514 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

Tgt Ion:113 Resp: 51990
Ion Ratio Lower Upper
113 100
111 103.5 83.1 124.7
192 17.0 13.3 19.9

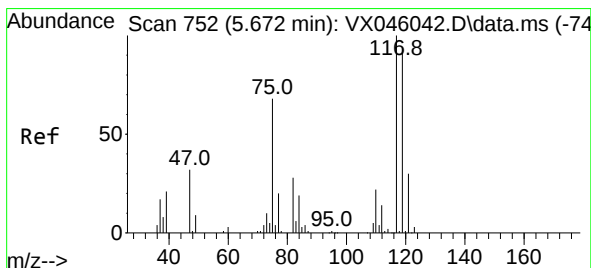
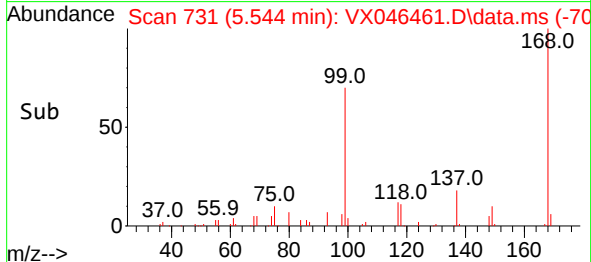
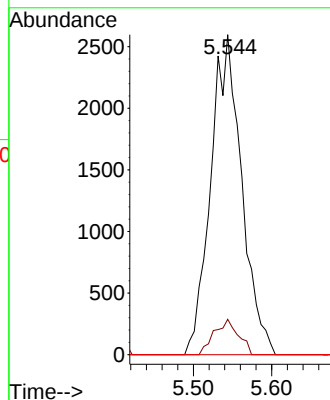
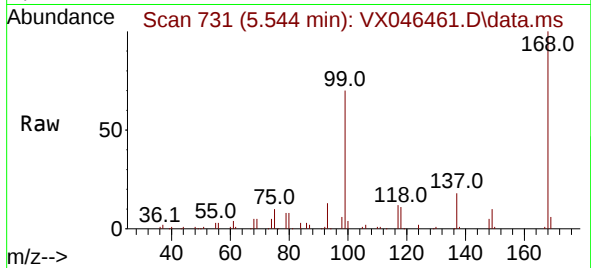




#36
 1,1-Dichloropropene
 Concen: 5.049 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX046461.D
 Acq: 03 Jun 2025 10:38

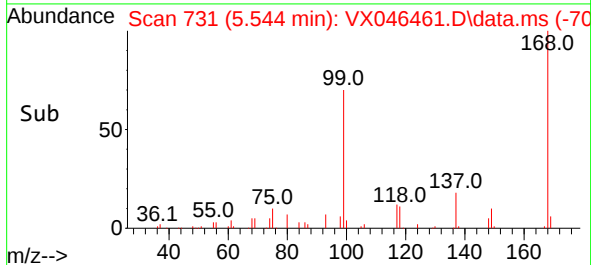
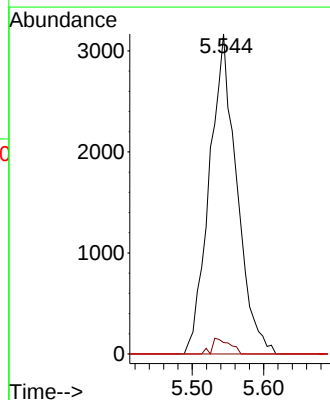
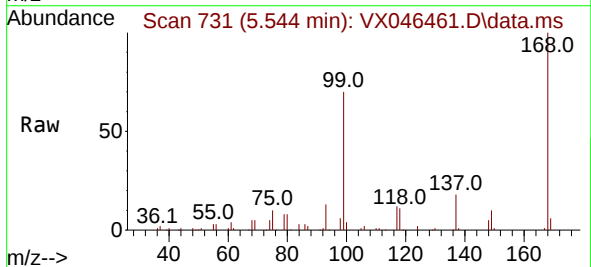
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603MBL01

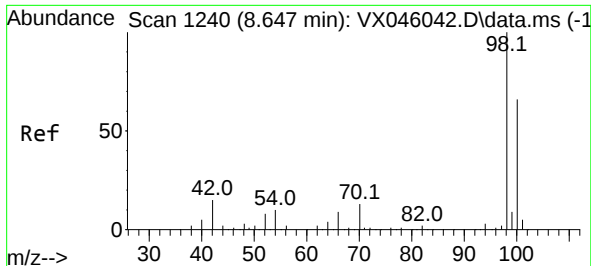
Tgt Ion: 75 Resp: 7123
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.3 48.9#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.323 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX046461.D
 Acq: 03 Jun 2025 10:38

Tgt Ion: 117 Resp: 8438
 Ion Ratio Lower Upper
 117 100
 119 3.6 75.2 112.8#
 121 0.0 24.2 36.4#

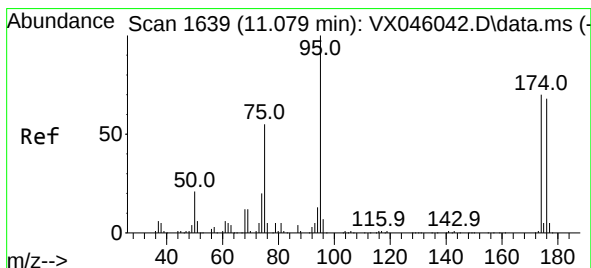
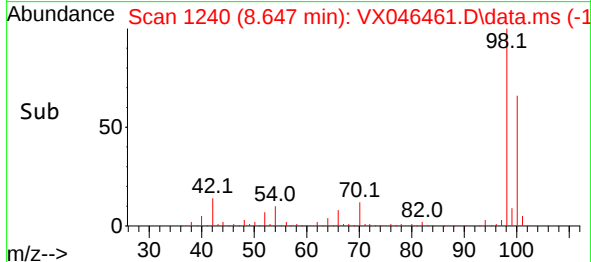
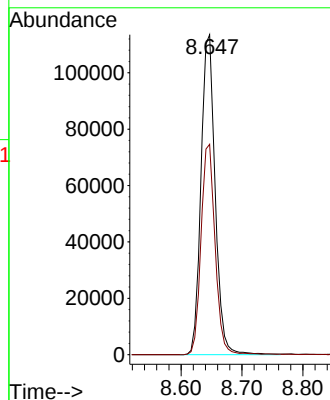
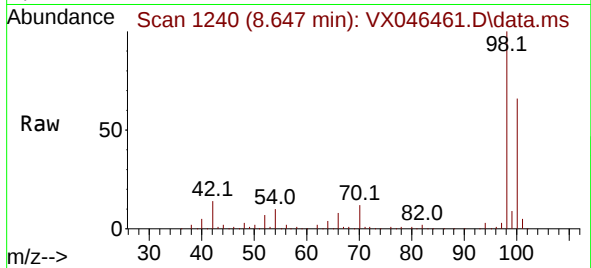




#50
Toluene-d8
Concen: 50.469 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

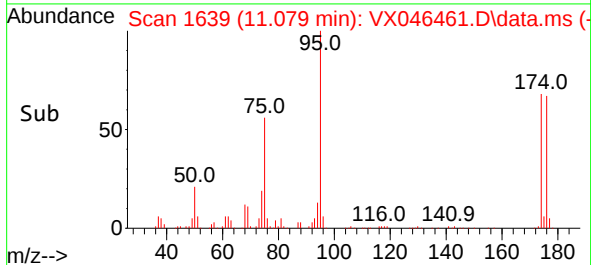
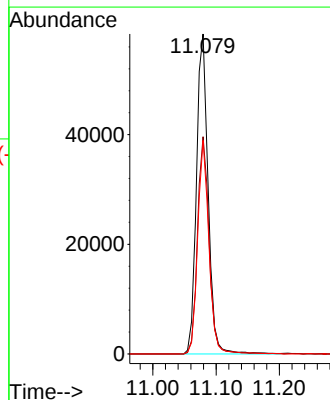
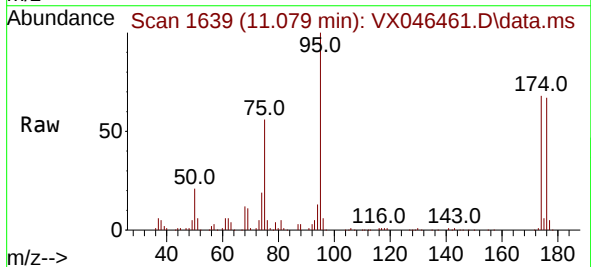
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

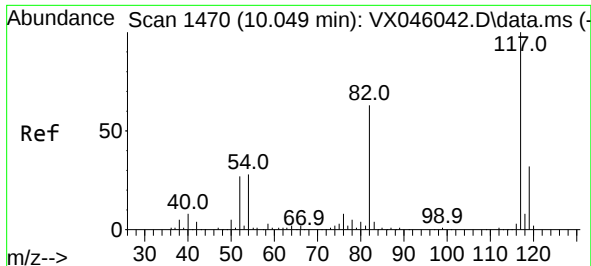
Tgt Ion: 98 Resp: 183415
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

Tgt Ion: 95 Resp: 74990
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.4 0.0 131.4

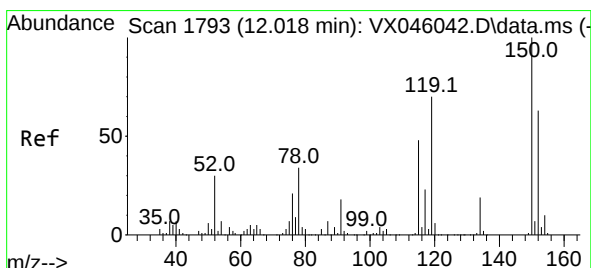
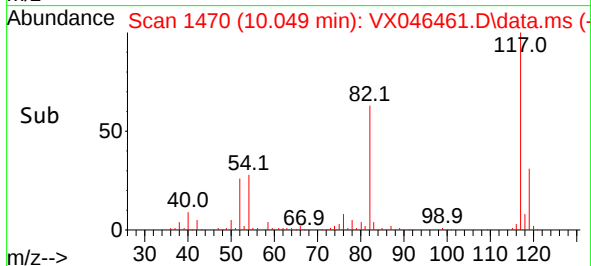
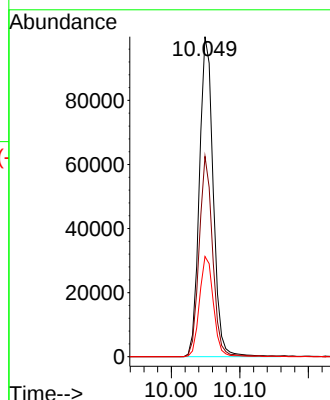
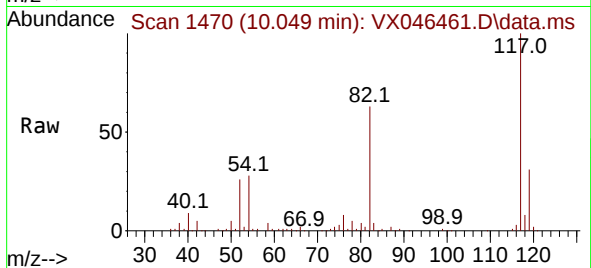




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

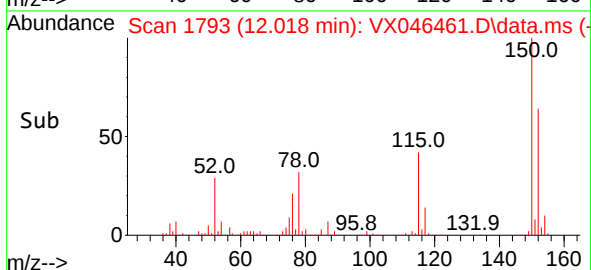
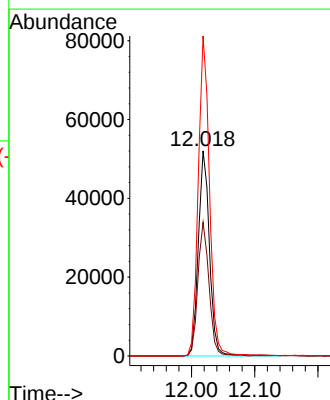
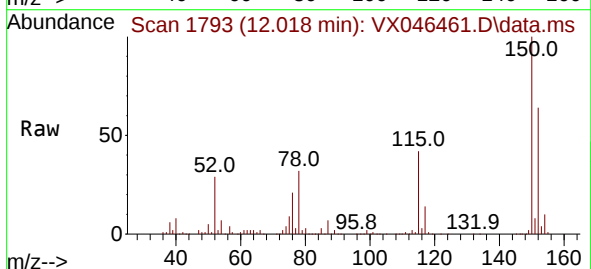
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

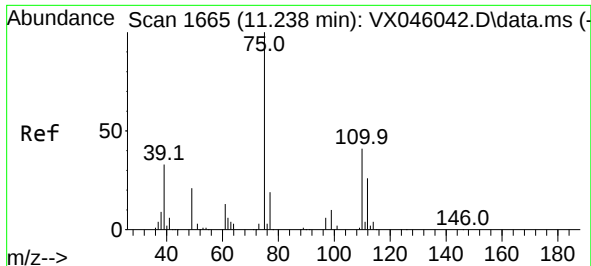
Tgt Ion:117 Resp: 140473
Ion Ratio Lower Upper
117 100
82 62.6 50.6 76.0
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

Tgt Ion:152 Resp: 64154
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 156.2 0.0 351.0

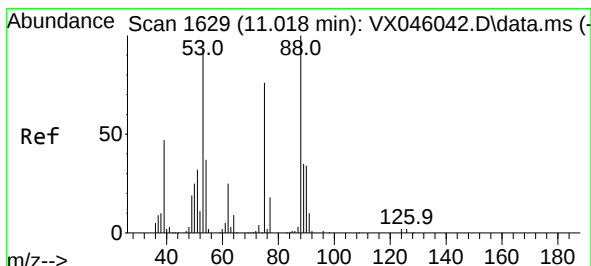
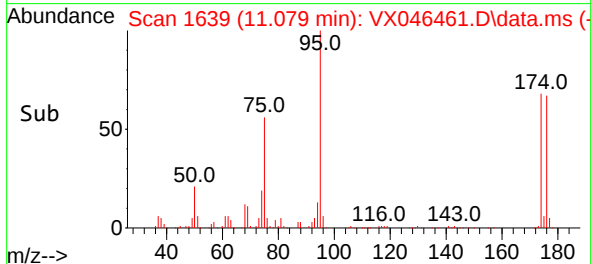
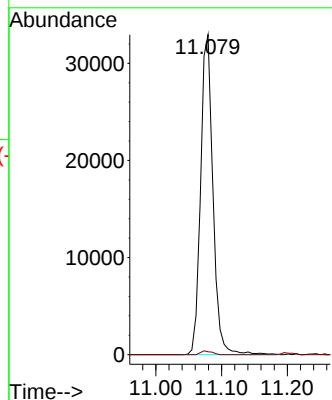
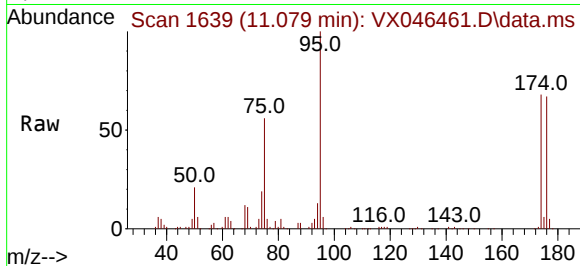




#76
1,2,3-Trichloropropane
Concen: 27.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

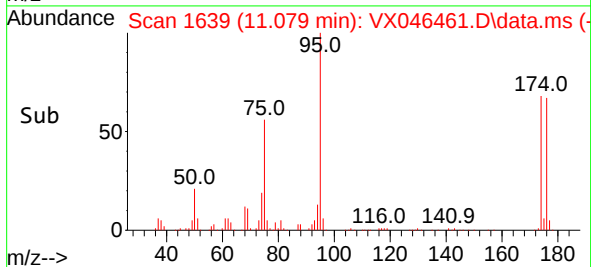
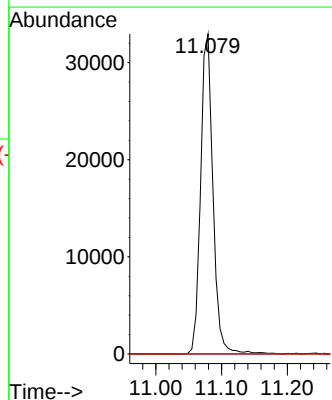
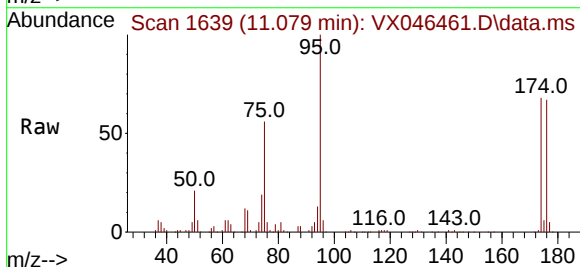
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

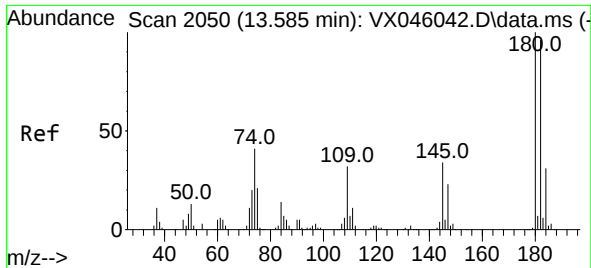
Tgt Ion: 75 Resp: 43022
Ion Ratio Lower Upper
75 100
77 1.1 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

Tgt Ion: 75 Resp: 43022
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

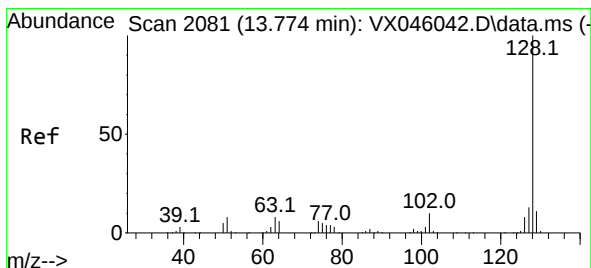
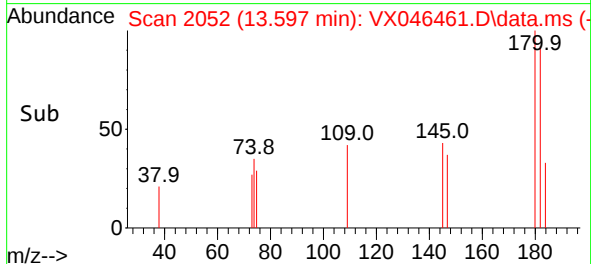
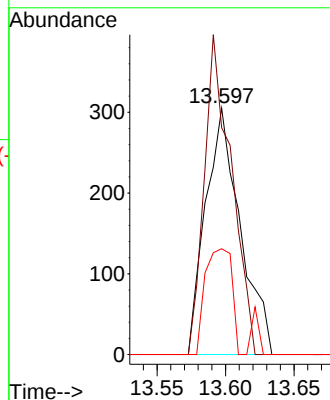
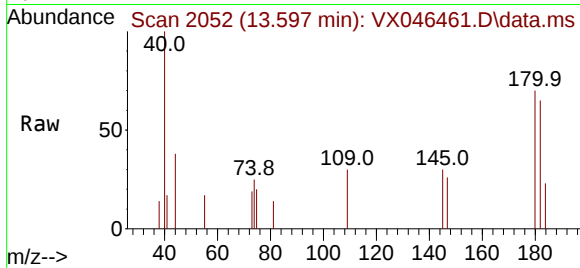




#93
1,2,4-Trichlorobenzene
Concen: 0.440 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

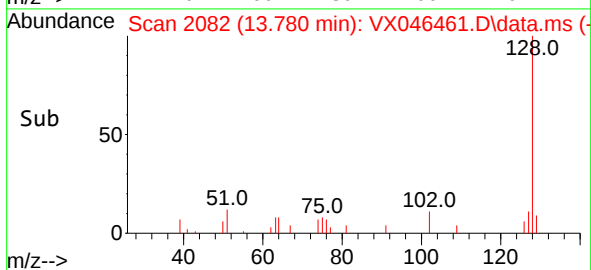
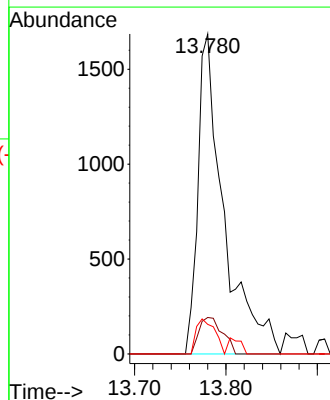
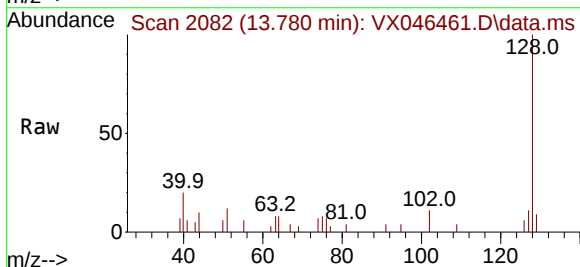
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

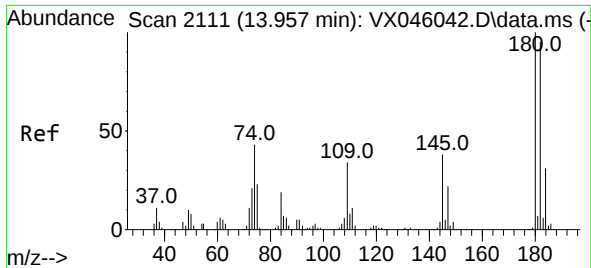
Tgt Ion:180 Resp: 537
Ion Ratio Lower Upper
180 100
182 101.3 47.9 143.8
145 33.0 17.1 51.2



#95
Naphthalene
Concen: 0.741 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

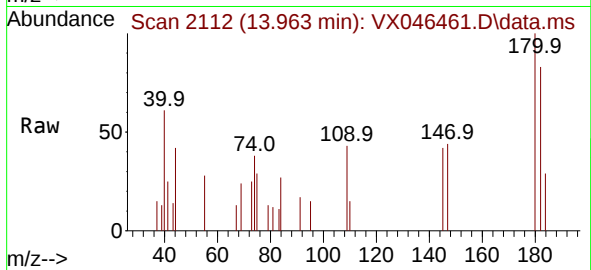
Tgt Ion:128 Resp: 3315
Ion Ratio Lower Upper
128 100
127 10.3 10.4 15.6#
129 7.9 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.541 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX046461.D
 Acq: 03 Jun 2025 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603MBL01



Tgt Ion:180	Resp:	681
Ion	Ratio	Lower Upper
180	100	
182	99.1	47.8 143.3
145	43.9	18.1 54.3

