

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046079.D
 Acq On : 08 May 2025 10:33
 Operator : JC/MD
 Sample : VX0508MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508MBL01

Quant Time: May 09 01:55:02 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)

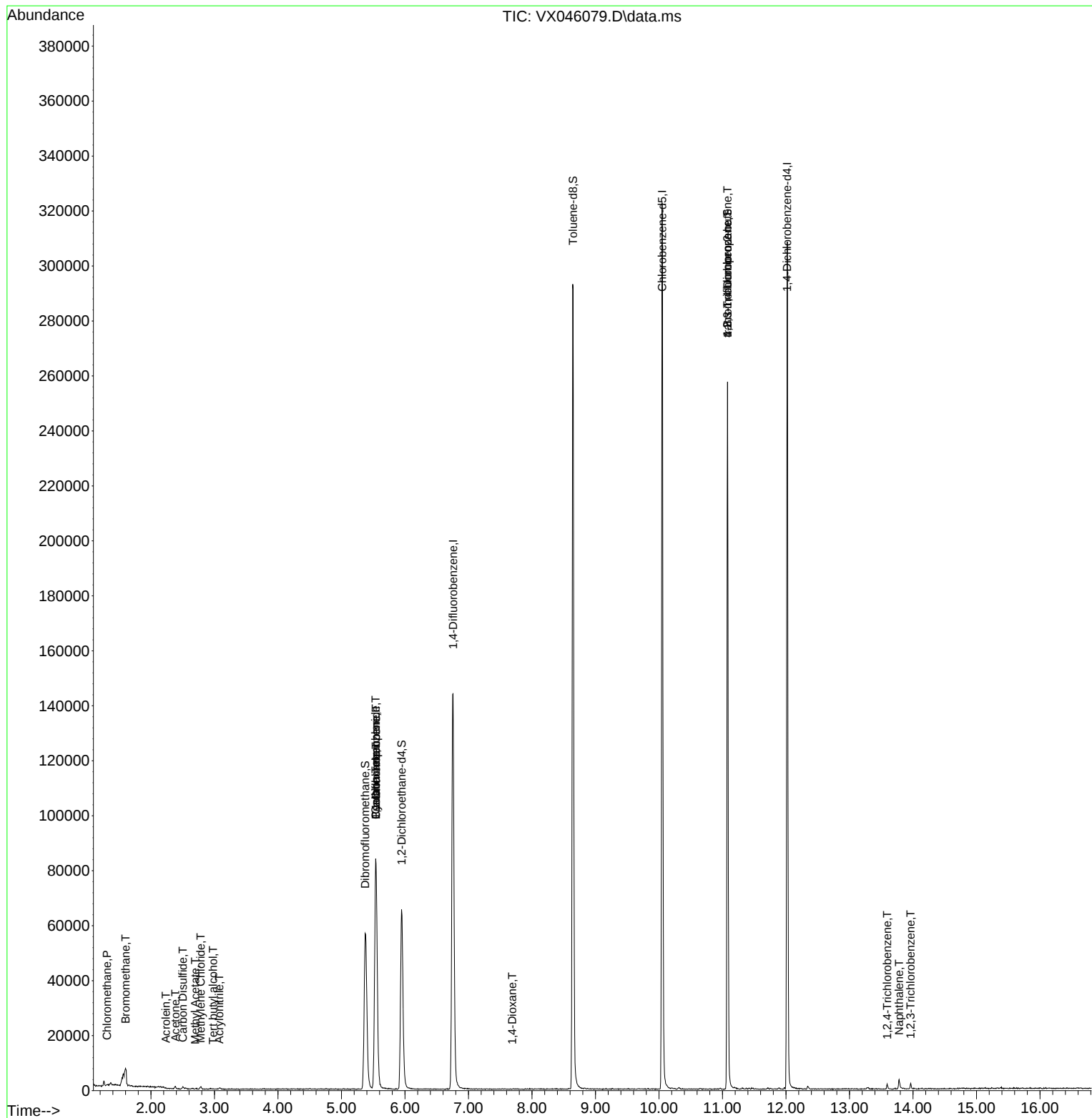
Internal Standards						
1) Pentafluorobenzene	5.544	168	72337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68080	50.482	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.960%	
35) Dibromofluoromethane	5.373	113	50562	49.896	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.800%	
50) Toluene-d8	8.647	98	174231	49.677	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	11.079	95	67531	50.196	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	729	0.679	ug/l	96
5) Bromomethane	1.599	94	111	0.239	ug/l #	79
11) Tert butyl alcohol	2.977	59	108	0.571	ug/l #	72
13) Acrolein	2.233	56	76	0.353	ug/l #	15
15) Acrylonitrile	3.075	53	286	0.528	ug/l #	57
16) Acetone	2.386	43	1090	2.016	ug/l #	78
17) Carbon Disulfide	2.502	76	1012	0.498	ug/l #	76
18) Methyl Acetate	2.697	43	280	0.223	ug/l #	55
20) Methylene Chloride	2.782	84	369	0.356	ug/l #	70
31) Cyclohexane	5.544	56	2165	1.347	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	7102	5.216	ug/l #	50
38) Carbon Tetrachloride	5.538	117	8413	5.499	ug/l #	17
49) 1,4-Dioxane	7.690	88	26	1.045	ug/l #	20
76) 1,2,3-Trichloropropane	11.079	75	38475	28.379	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38475	92.394	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	560	0.523	ug/l	94
95) Naphthalene	13.780	128	3224	0.821	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	700	0.634	ug/l	96

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

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Instrument :
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VX0508MBL01

Quant Time: May 09 01:55:02 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

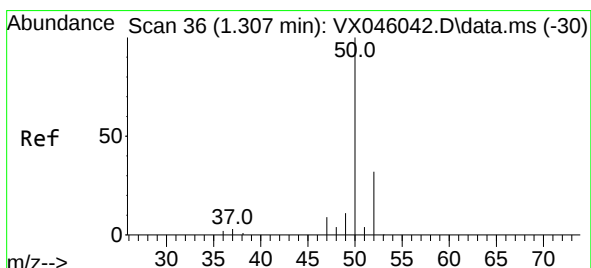
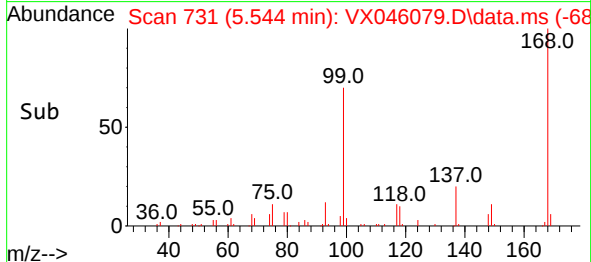
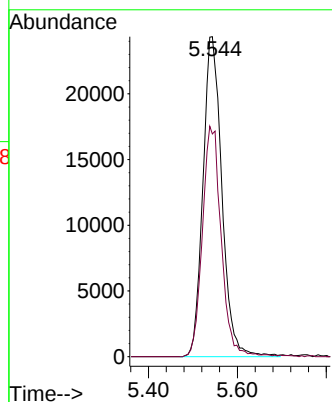
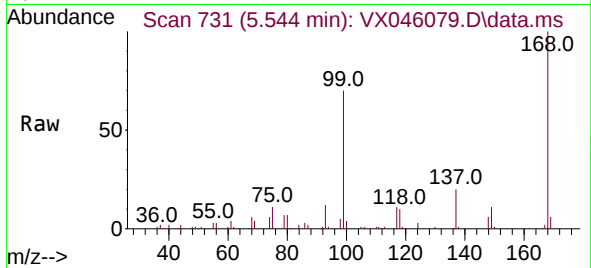




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

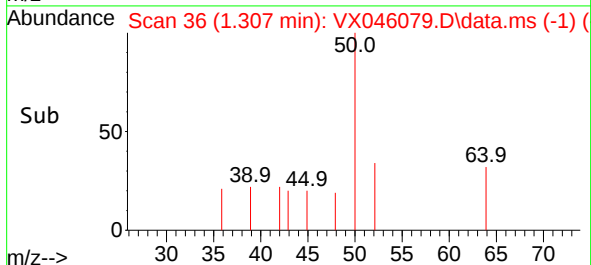
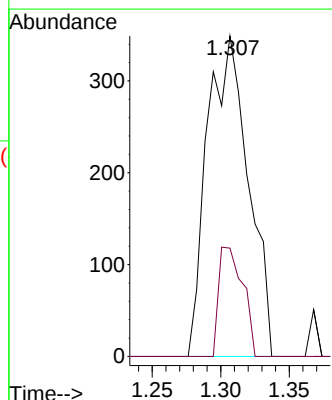
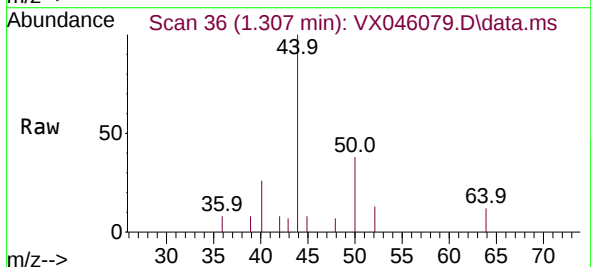
Instrument :
MSVOA_X
ClientSampleId :
VX0508MBL01

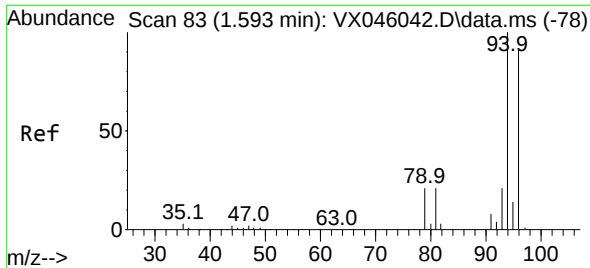
Tgt Ion:168 Resp: 72337
Ion Ratio Lower Upper
168 100
99 69.6 54.9 82.3



#3
Chloromethane
Concen: 0.679 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Tgt Ion: 50 Resp: 729
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2

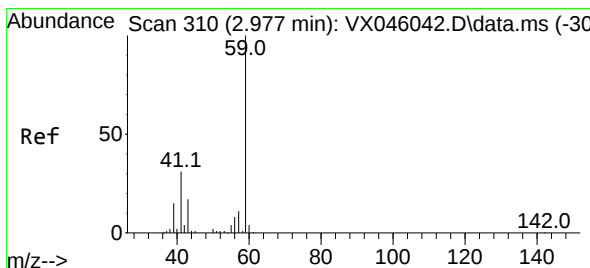
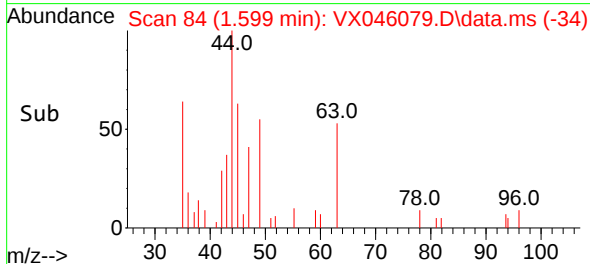
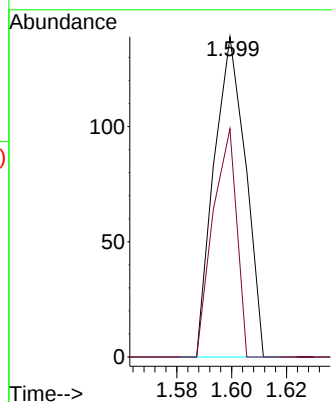
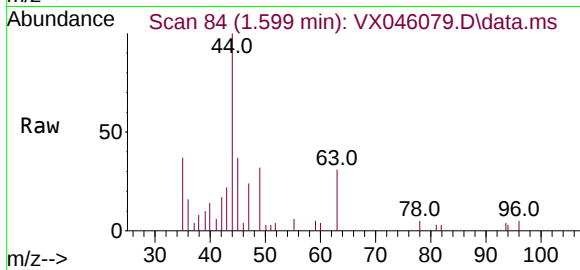




#5
Bromomethane
Concen: 0.239 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

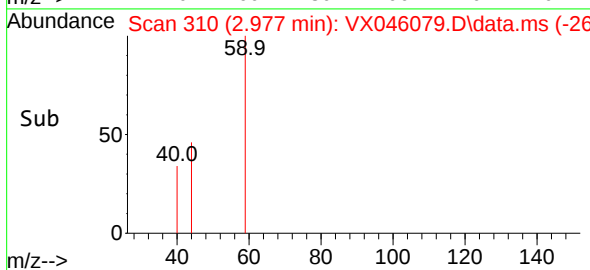
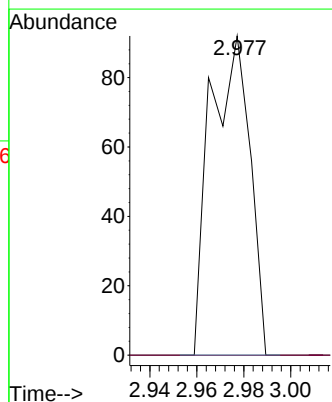
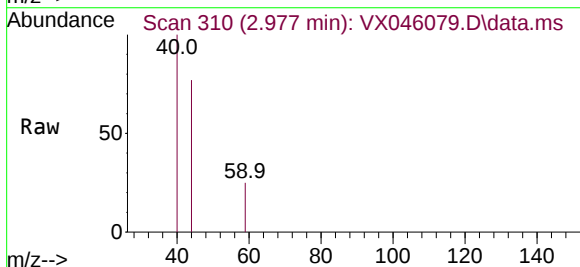
Instrument :
MSVOA_X
ClientSampleId :
VX0508MBL01

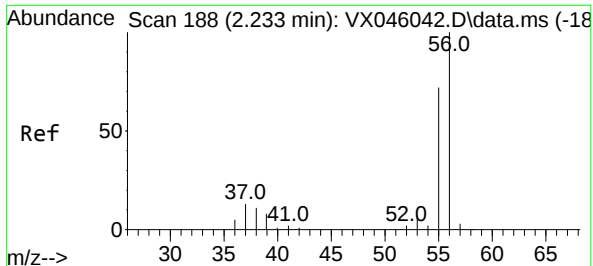
Tgt Ion: 94 Resp: 111
Ion Ratio Lower Upper
94 100
96 71.2 72.8 109.2#



#11
Tert butyl alcohol
Concen: 0.571 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

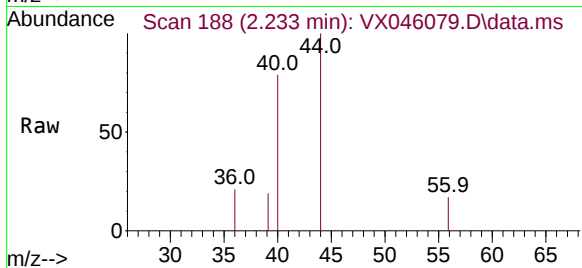
Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



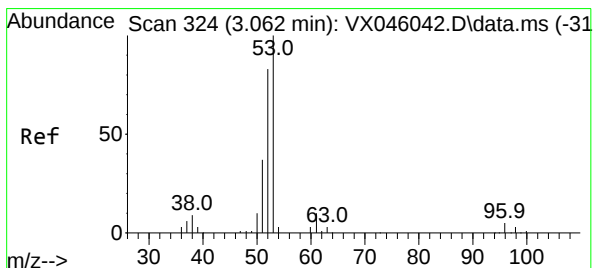
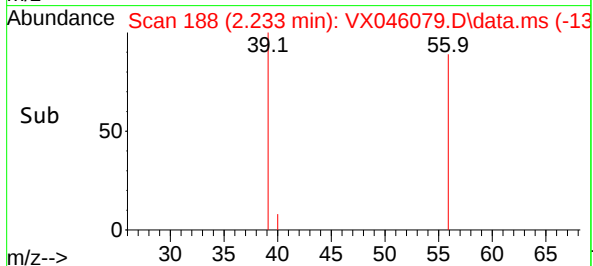
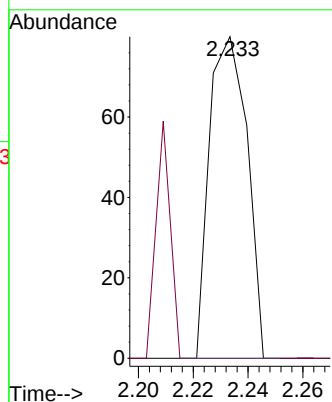


#13
Acrolein
Concen: 0.353 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0508MBL01

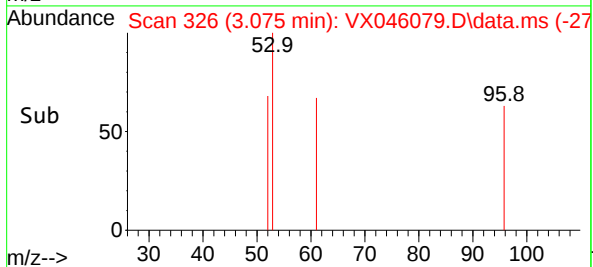
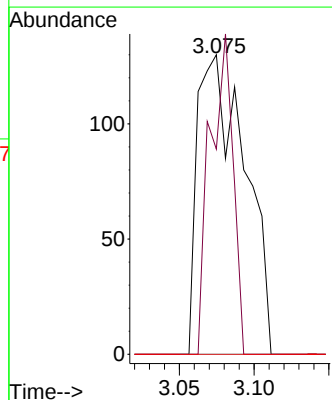
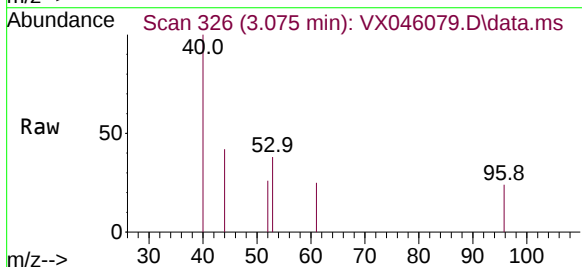


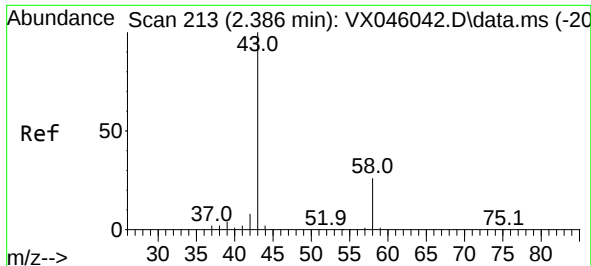
Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#



#15
Acrylonitrile
Concen: 0.528 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Tgt Ion: 53 Resp: 286
Ion Ratio Lower Upper
53 100
52 51.4 65.3 97.9#
51 0.0 29.8 44.8#

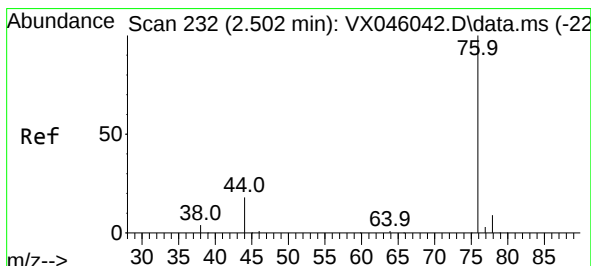
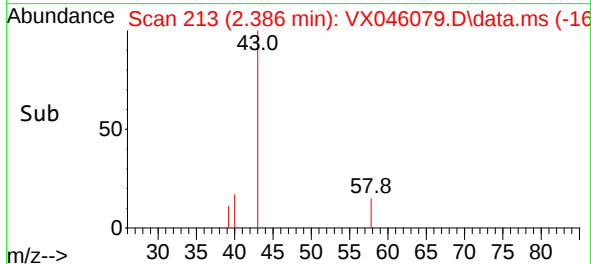
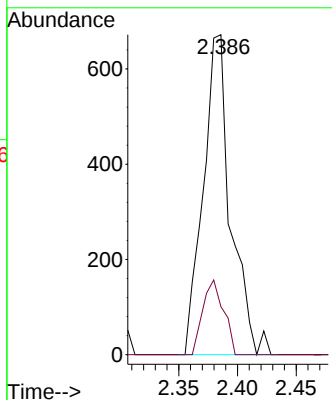
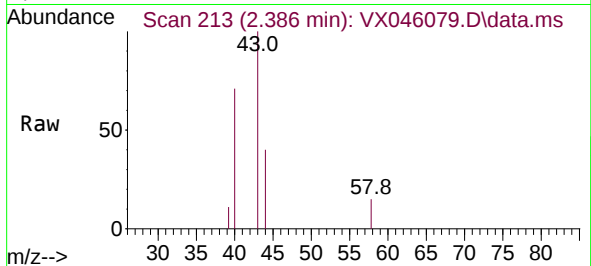




#16
Acetone
Concen: 2.016 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

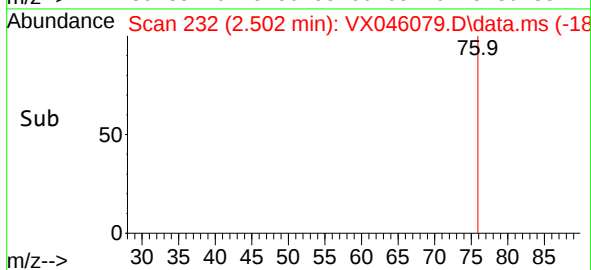
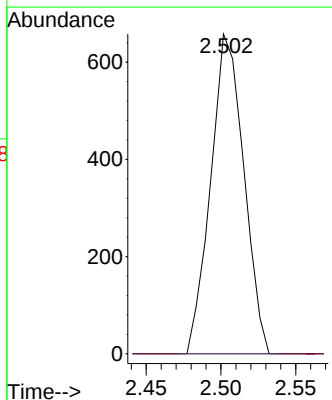
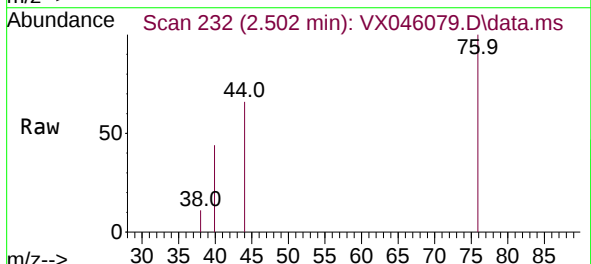
Instrument :
MSVOA_X
ClientSampleId :
VX0508MBL01

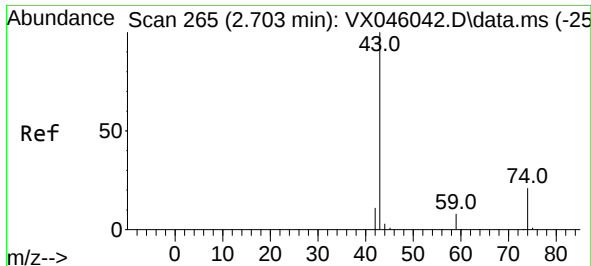
Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 15.0 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.498 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Tgt Ion: 76 Resp: 1012
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

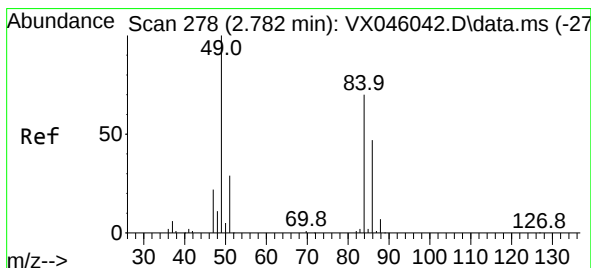
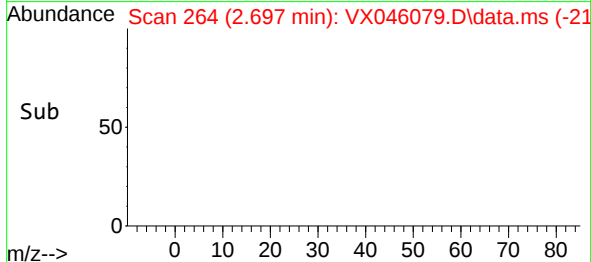
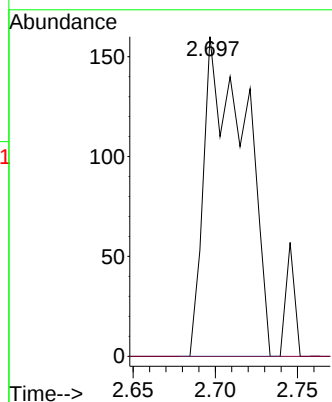
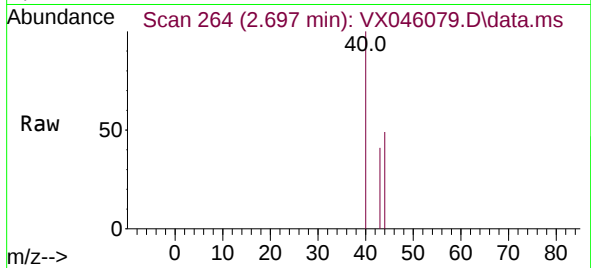




#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

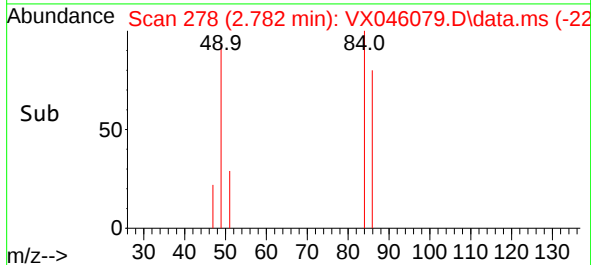
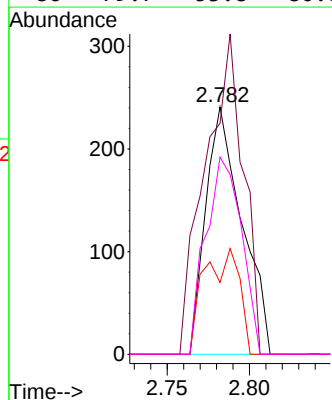
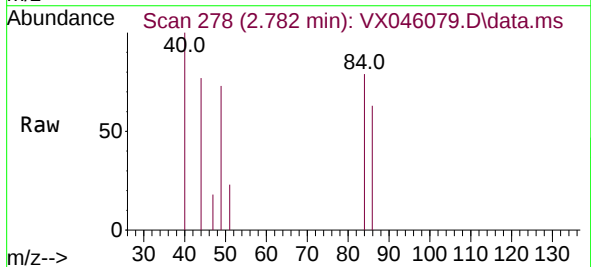
Instrument :
MSVOA_X
ClientSampleId :
VX0508MBL01

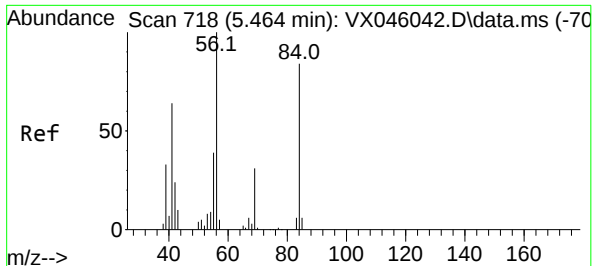
Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 0.356 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

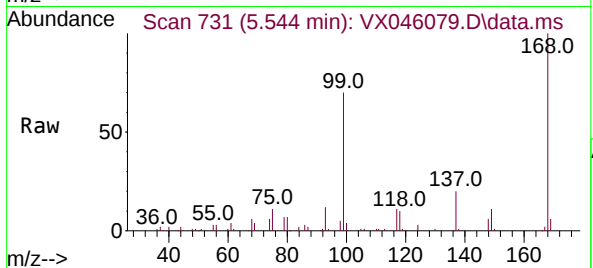
Tgt Ion: 84 Resp: 369
Ion Ratio Lower Upper
84 100
49 93.4 113.9 170.9#
51 29.0 33.5 50.3#
86 79.7 53.8 80.8



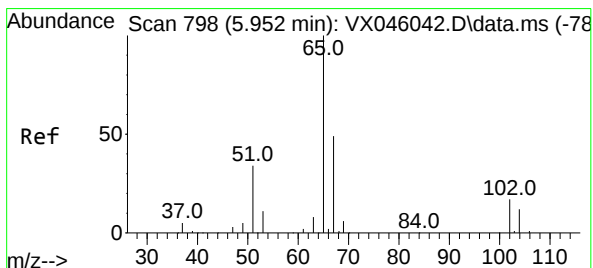
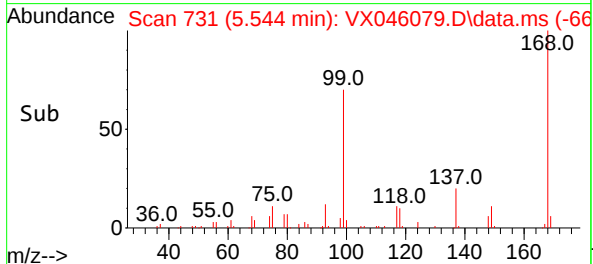
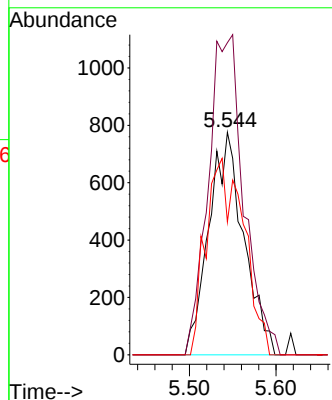


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0508MBL01

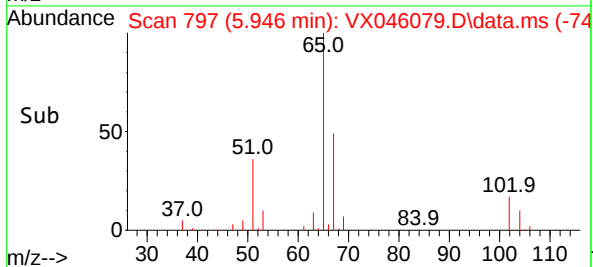
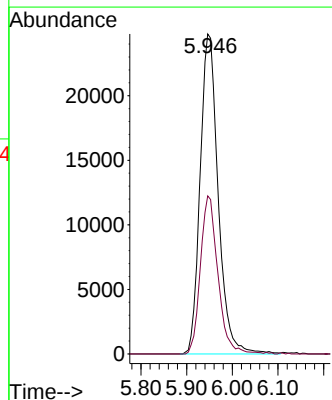
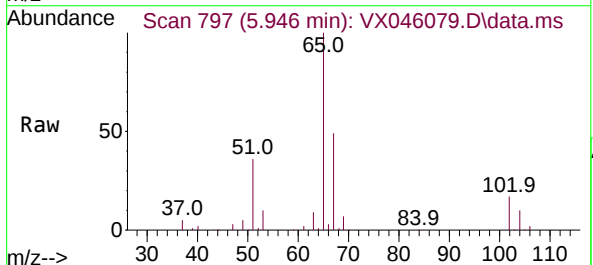


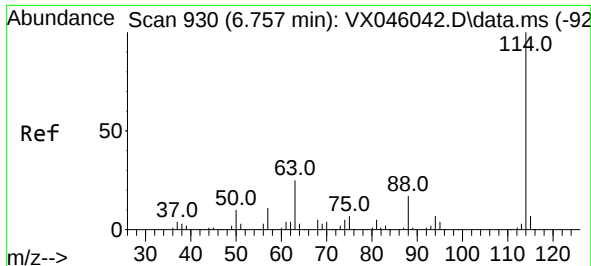
Tgt Ion: 56 Resp: 2165
Ion Ratio Lower Upper
56 100
69 140.2 24.4 36.6#
84 59.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.482 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Tgt Ion: 65 Resp: 68080
Ion Ratio Lower Upper
65 100
67 47.8 0.0 99.0

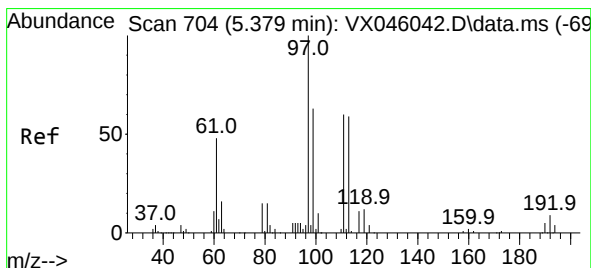
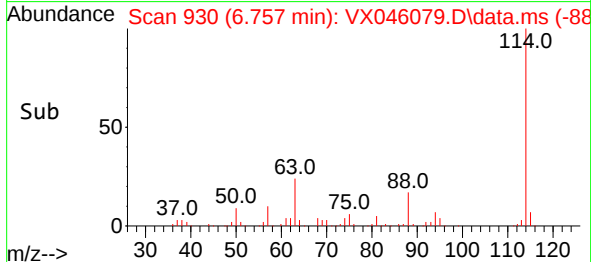
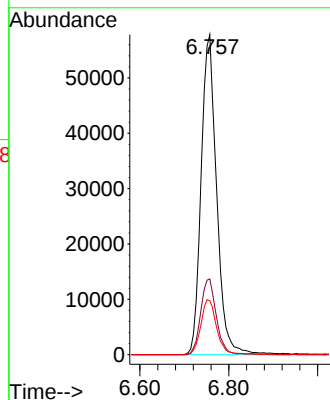
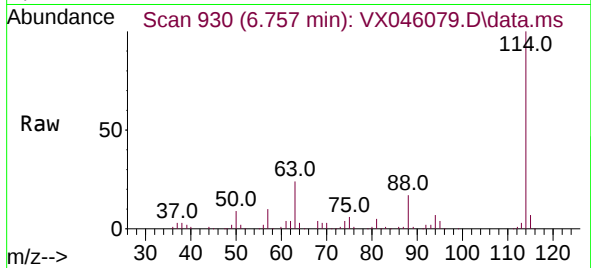




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

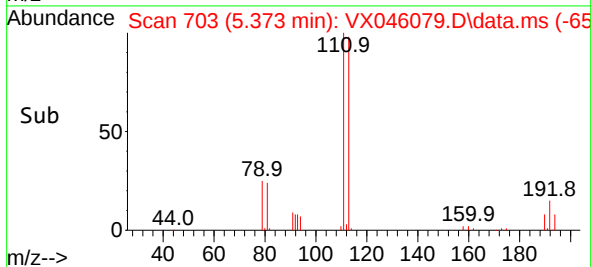
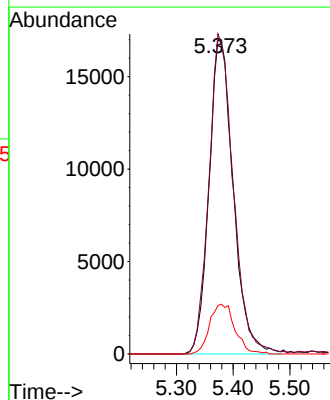
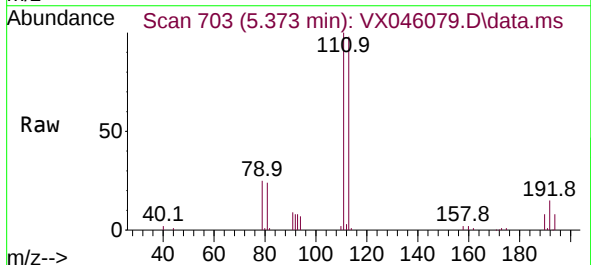
Instrument :
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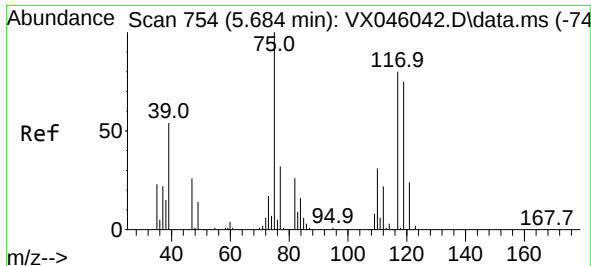
Tgt Ion:114 Resp: 140721
Ion Ratio Lower Upper
114 100
63 23.7 0.0 49.2
88 16.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.896 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Tgt Ion:113 Resp: 50562
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 16.5 13.3 19.9

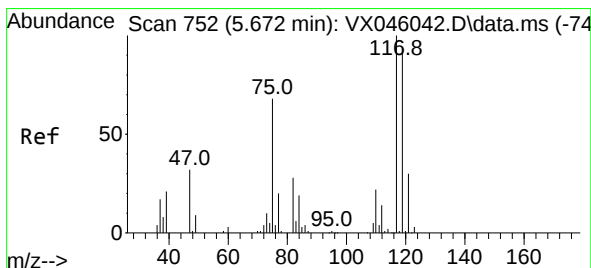
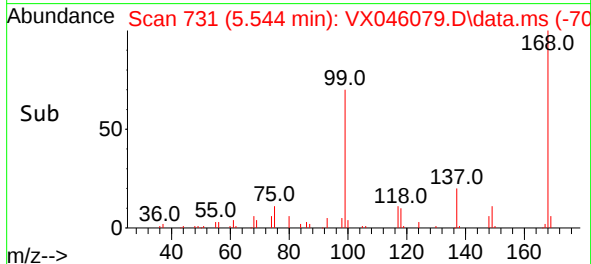
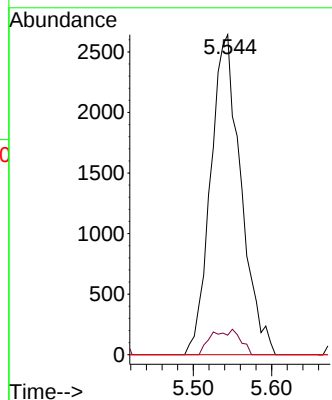
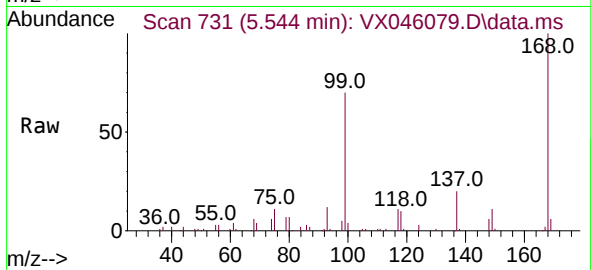




#36
1,1-Dichloropropene
Concen: 5.216 ug/l
RT: 5.544 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

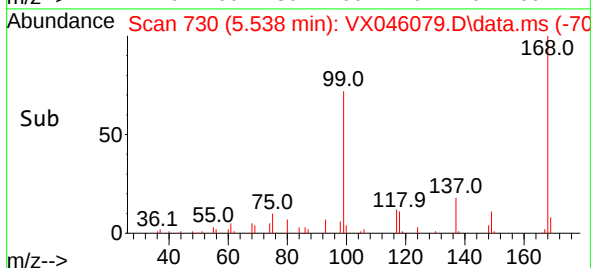
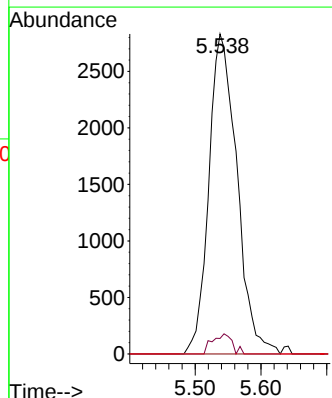
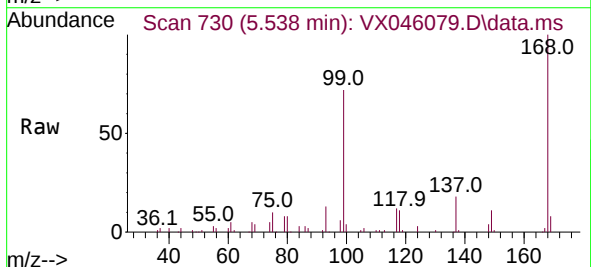
Instrument :
MSVOA_X
ClientSampleId :
VX0508MBL01

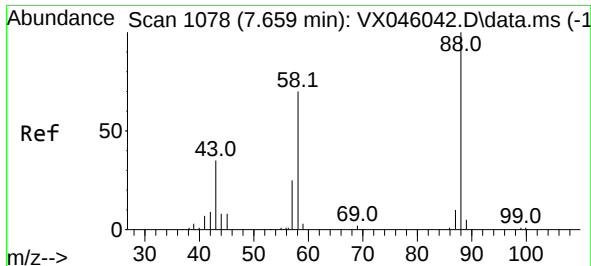
Tgt Ion: 75 Resp: 7102
Ion Ratio Lower Upper
75 100
110 7.5 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.499 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Tgt Ion: 117 Resp: 8413
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 24.2 36.4#





#49

1,4-Dioxane

Concen: 1.045 ug/l

RT: 7.690 min Scan# 1078

Delta R.T. 0.031 min

Lab File: VX046079.D

Acq: 08 May 2025 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX0508MBL01

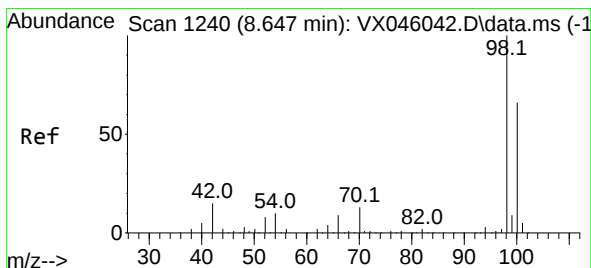
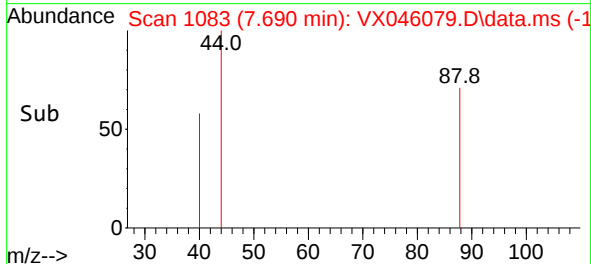
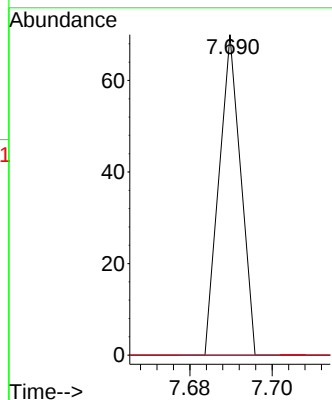
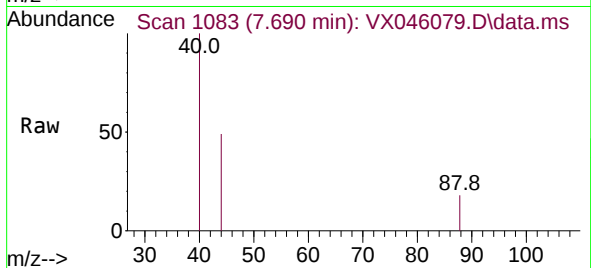
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 0.0 33.4 50.2#

58 0.0 58.6 88.0#



#50

Toluene-d8

Concen: 49.677 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046079.D

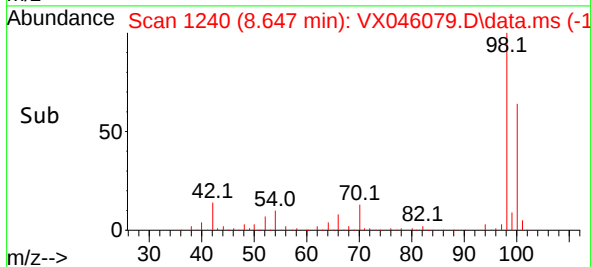
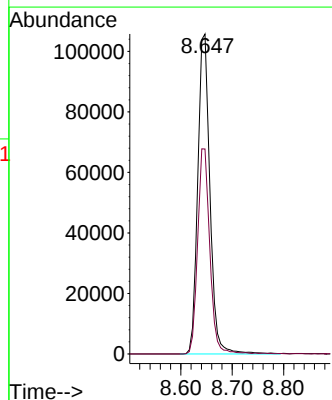
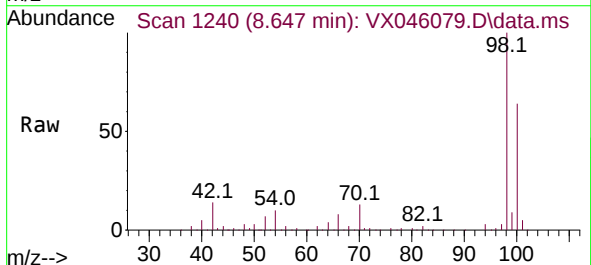
Acq: 08 May 2025 10:33

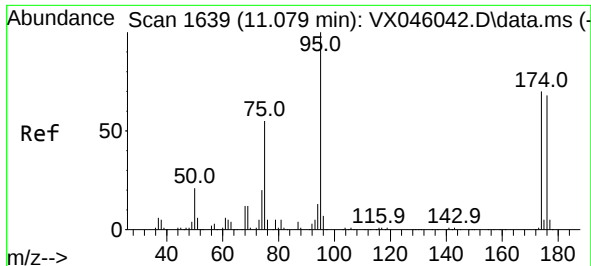
Tgt Ion: 98 Resp: 174231

Ion Ratio Lower Upper

98 100

100 64.0 53.5 80.3

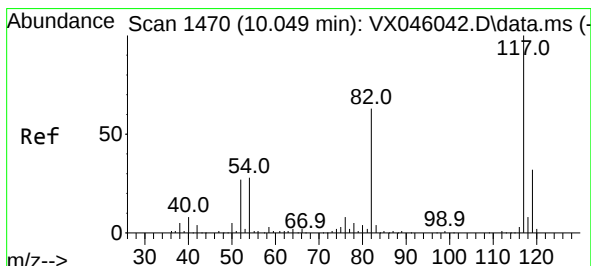
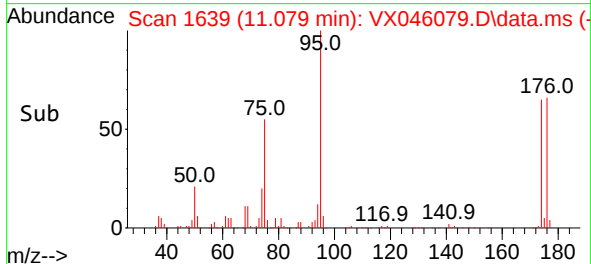
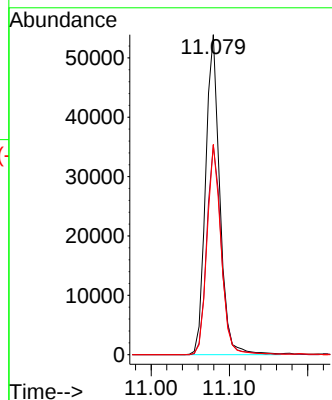
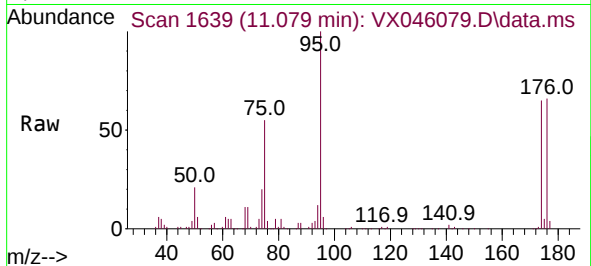




#62
4-Bromofluorobenzene
Concen: 50.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

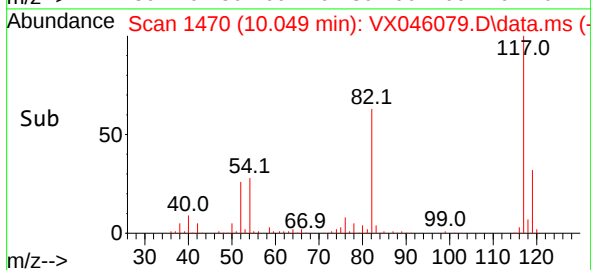
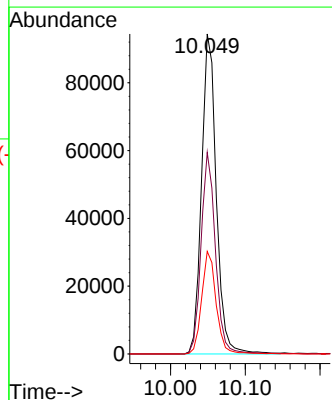
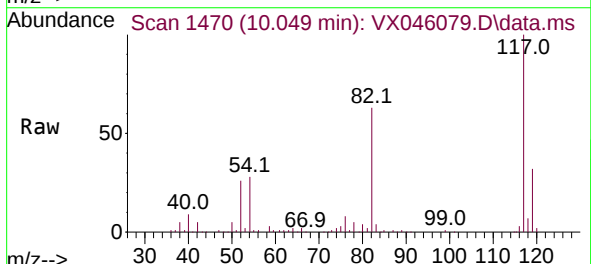
Instrument :
MSVOA_X
ClientSampleId :
VX0508MBL01

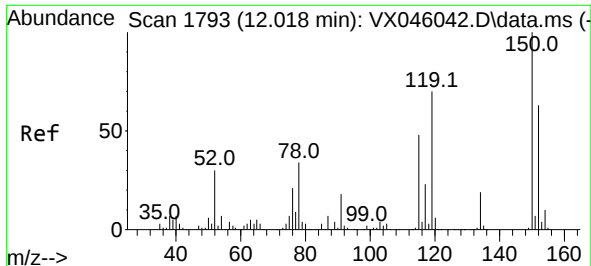
Tgt Ion: 95 Resp: 67531
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 65.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Tgt Ion: 117 Resp: 129258
Ion Ratio Lower Upper
117 100
82 63.0 50.6 76.0
119 32.1 25.8 38.6

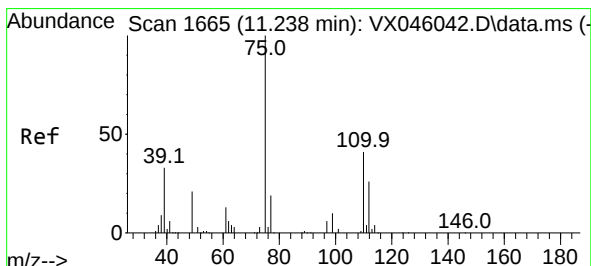
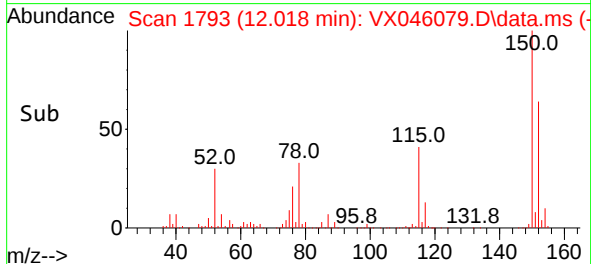
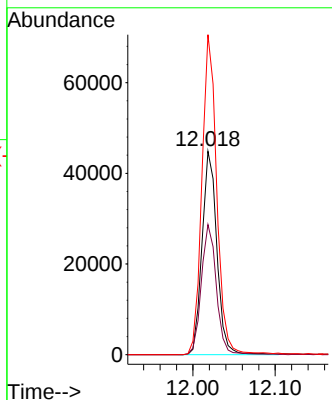
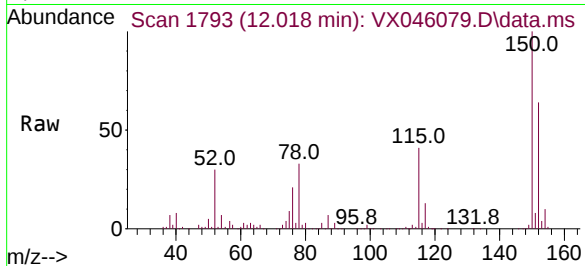




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX046079.D
 Acq: 08 May 2025 10:33

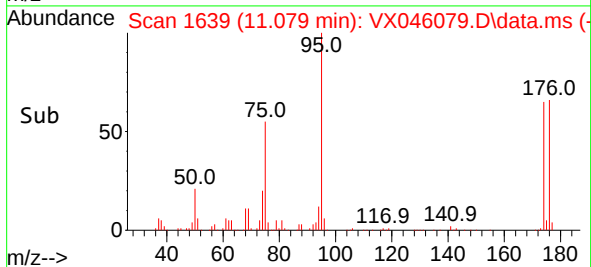
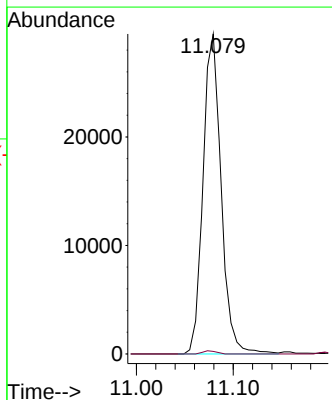
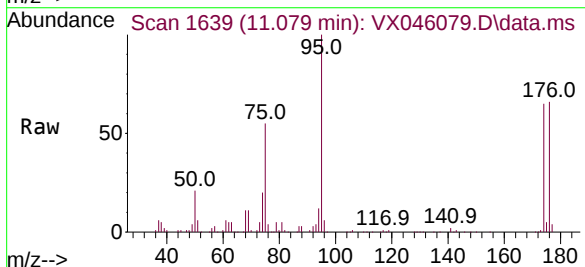
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508MBL01

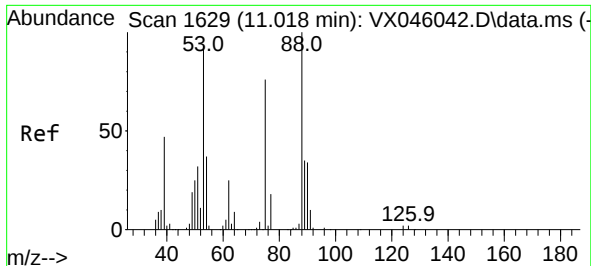
Tgt Ion:152 Resp: 56324
 Ion Ratio Lower Upper
 152 100
 115 64.8 46.9 140.7
 150 157.8 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.379 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX046079.D
 Acq: 08 May 2025 10:33

Tgt Ion: 75 Resp: 38475
 Ion Ratio Lower Upper
 75 100
 77 0.7 20.5 61.5#

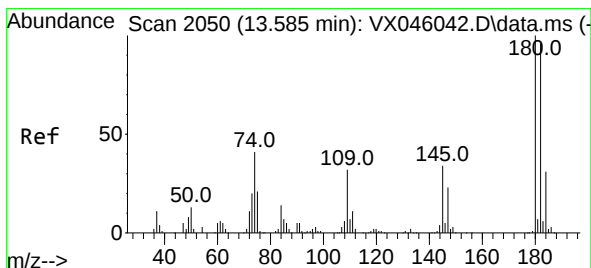
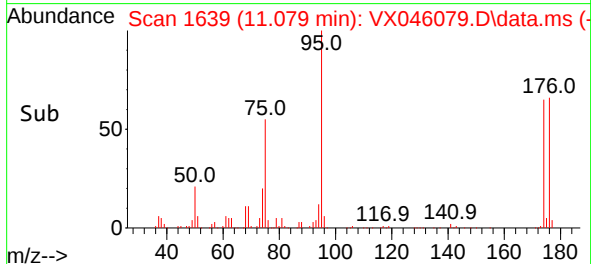
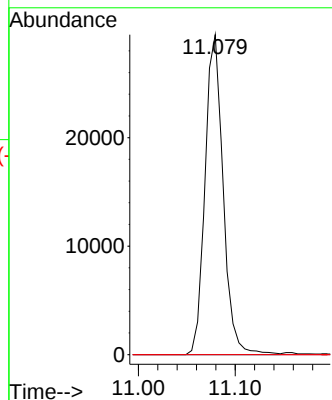
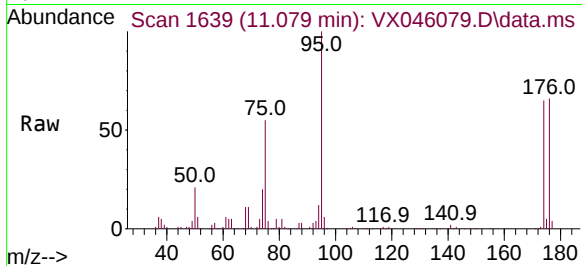




#81
trans-1,4-Dichloro-2-butene
Concen: 92.394 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

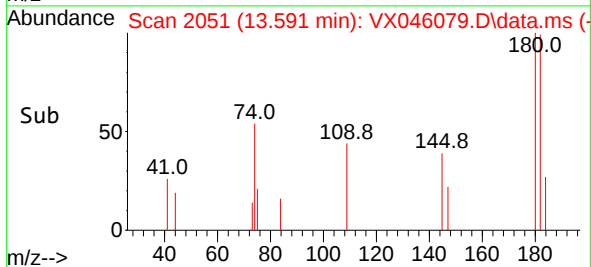
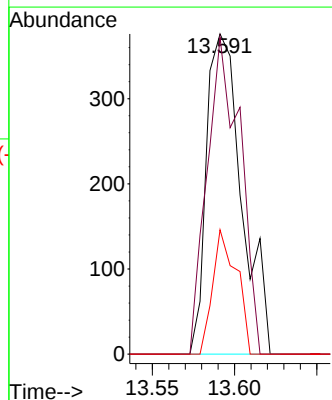
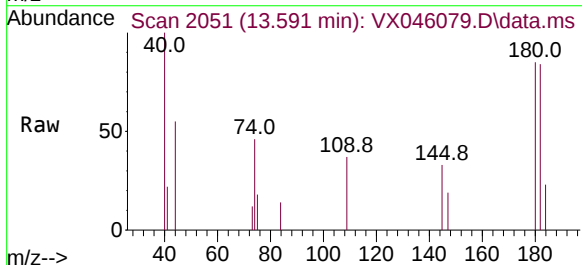
Instrument :
MSVOA_X
ClientSampleId :
VX0508MBL01

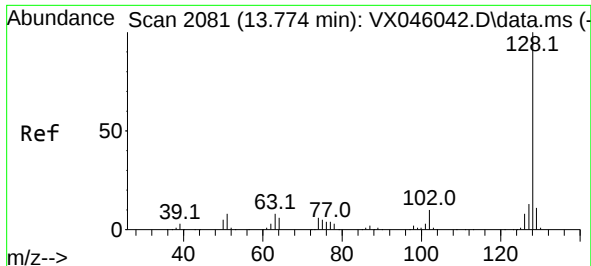
Tgt Ion: 75 Resp: 38475
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.523 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Tgt Ion:180 Resp: 560
Ion Ratio Lower Upper
180 100
182 93.2 47.9 143.8
145 26.4 17.1 51.2

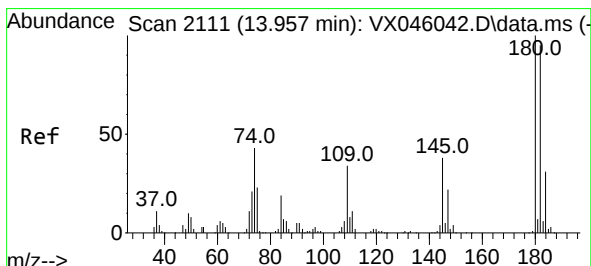
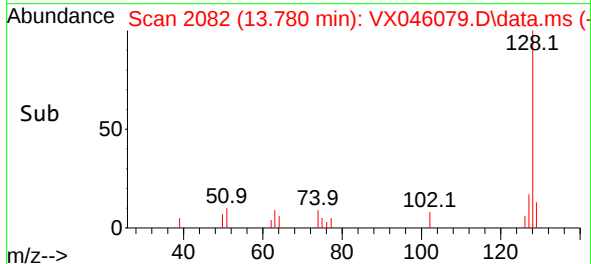
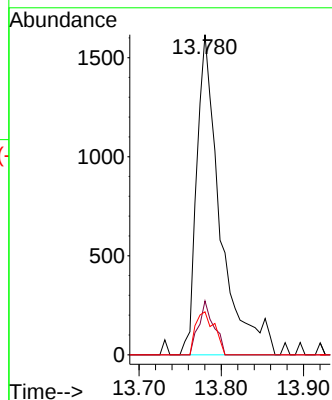
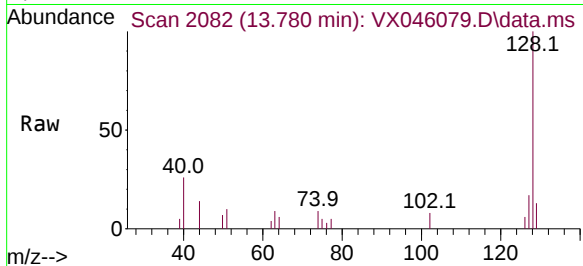




#95
Naphthalene
Concen: 0.821 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0508MBL01

Tgt Ion:128	Resp:	3224
Ion	Ratio	Lower Upper
128	100	
127	10.8	10.4 15.6
129	10.7	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.634 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046079.D
Acq: 08 May 2025 10:33

Tgt Ion:180	Resp:	700
Ion	Ratio	Lower Upper
180	100	
182	92.1	47.8 143.3
145	32.0	18.1 54.3

