

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
 Data File : VX040000.D
 Acq On : 29 Jan 2024 16:44
 Operator : JC/MD
 Sample : PB158654TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158654TB

Quant Time: Jan 30 02:47:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

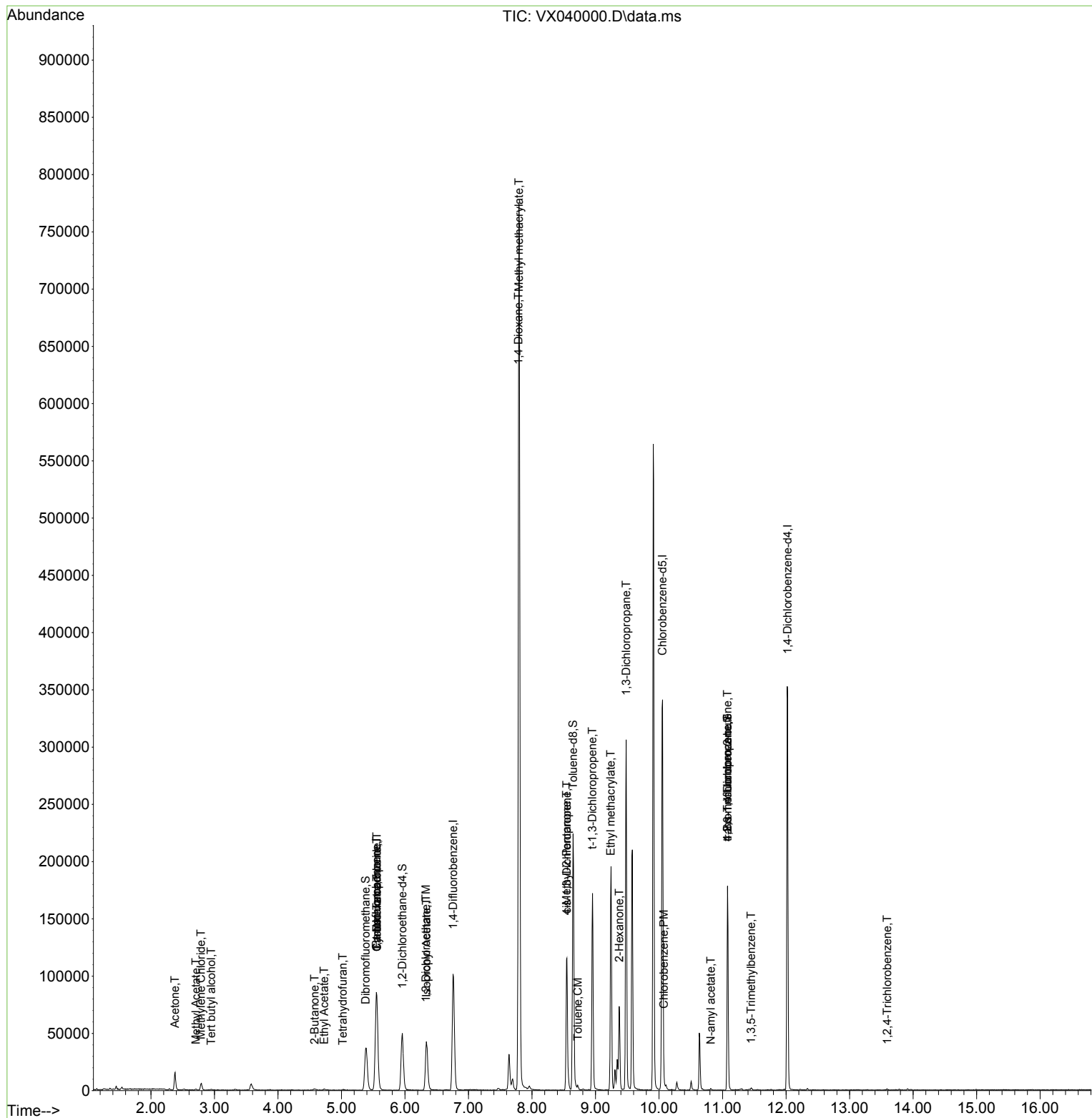
Internal Standards						
1) Pentafluorobenzene	5.550	168	74629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	95766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46395	37.112	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 74.220%#			
35) Dibromofluoromethane	5.379	113	32568	50.491	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	8.647	98	125052	51.404	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.800%			
62) 4-Bromofluorobenzene	11.079	95	42019	44.169	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.340%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.946	59	409	1.257	ug/l #	78
13) Acrolein	1.983	56	23	Below Cal	#	14
16) Acetone	2.380	43	15105	21.484	ug/l	93
18) Methyl Acetate	2.709	43	890	0.605	ug/l	95
20) Methylene Chloride	2.788	84	2507	2.357	ug/l #	86
25) 2-Butanone	4.574	43	1794	1.776	ug/l	91
29) Tetrahydrofuran	5.019	42	333	0.512	ug/l #	46
31) Cyclohexane	5.556	56	2250	1.364	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6673	6.646	ug/l #	53
37) Ethyl Acetate	4.727	43	985	0.735	ug/l #	94
38) Carbon Tetrachloride	5.556	117	8329	9.058	ug/l #	15
42) 1,2-Dichloroethane	6.330	62	289	0.267	ug/l #	77
43) Isopropyl Acetate	6.336	43	58843	29.947	ug/l	98
48) Methyl methacrylate	7.793	41	69204	71.654	ug/l #	49
49) 1,4-Dioxane	7.787	88	65	3.478	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	45292	33.469	ug/l #	46
52) Toluene	8.720	92	718	0.423	ug/l	95
53) t-1,3-Dichloropropene	8.952	75	308	0.298	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	16199	14.231	ug/l #	68
56) Ethyl methacrylate	9.238	69	431	0.368	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2302	1.879	ug/l #	42
59) 2-Hexanone	9.372	43	54813	51.179	ug/l #	26
65) Chlorobenzene	10.073	112	1188	0.386	ug/l #	82
74) N-amyl acetate	10.817	43	573	0.204	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	26243	14.974	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	977	0.214	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	26243	45.197	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	431	0.311	ug/l #	59

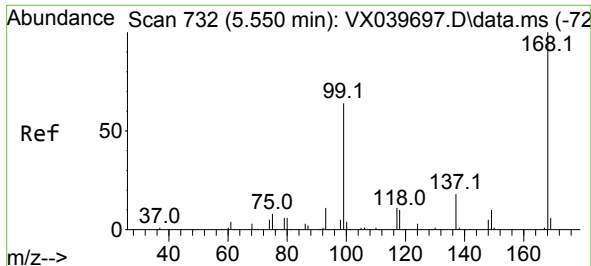
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
Data File : VX040000.D
Acq On : 29 Jan 2024 16:44
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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MSVOA_X
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PB158654TB

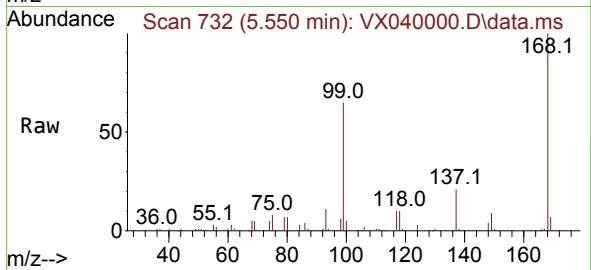
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



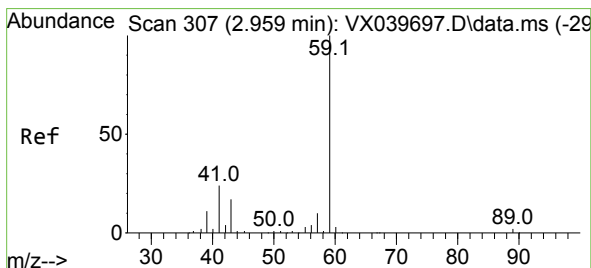
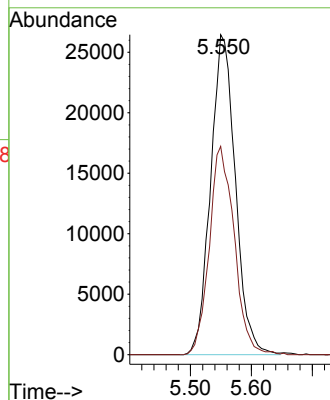
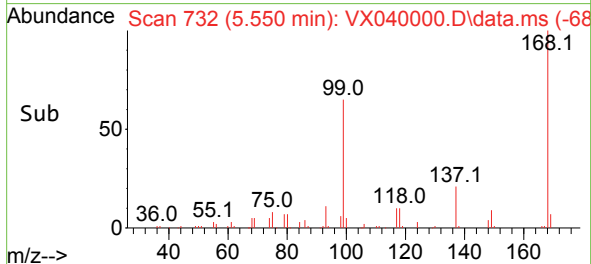


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
PB158654TB

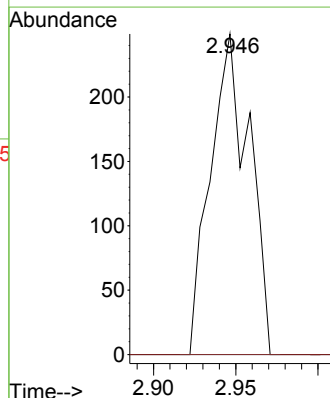
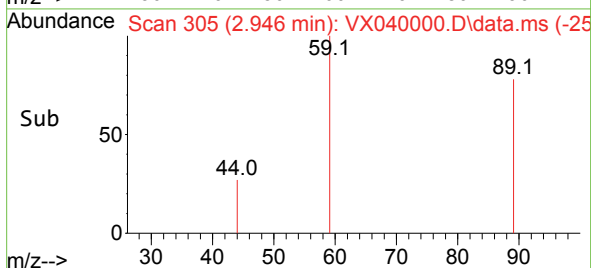
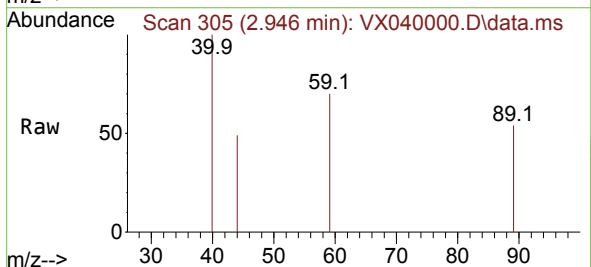


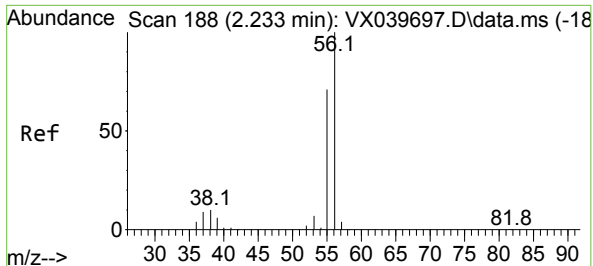
Tgt Ion:168 Resp: 74629
Ion Ratio Lower Upper
168 100
99 65.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.257 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 59 Resp: 409
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

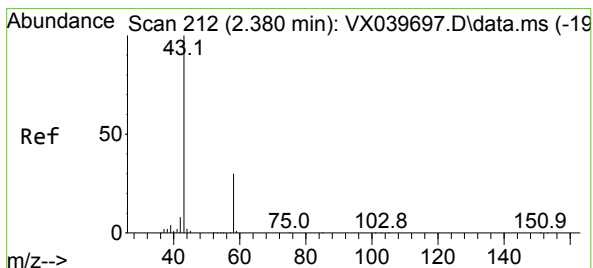
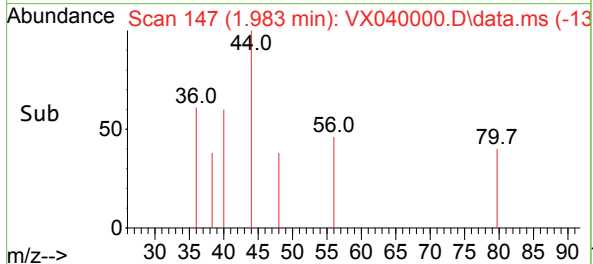
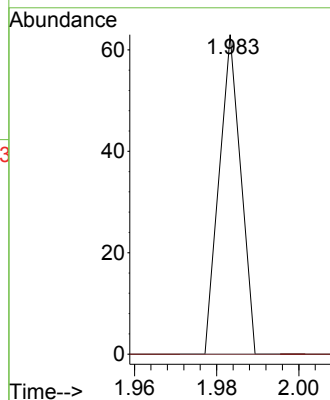
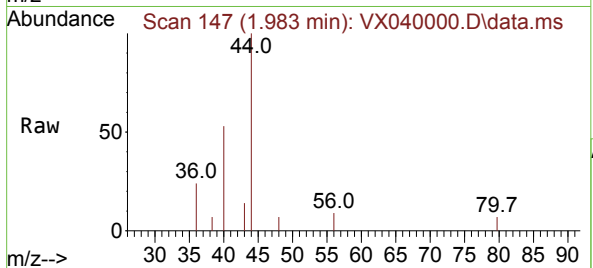




#13
Acrolein
Concen: Below Cal
RT: 1.983 min Scan# 14
Delta R.T. -0.250 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

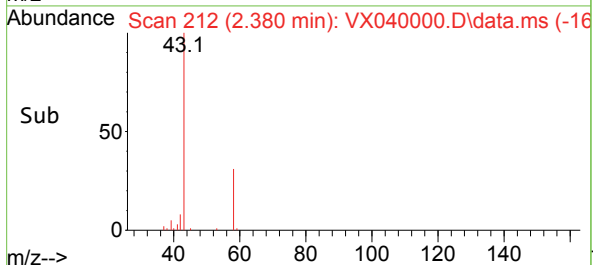
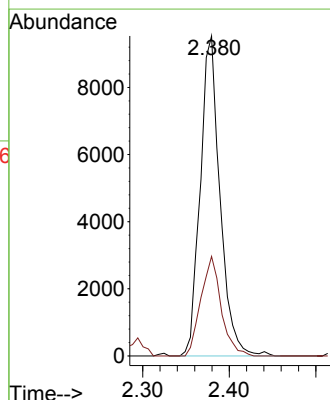
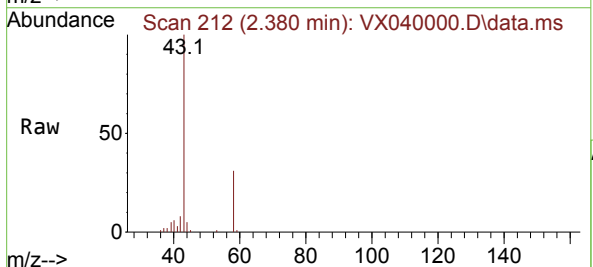
Instrument :
MSVOA_X
ClientSampleId :
PB158654TB

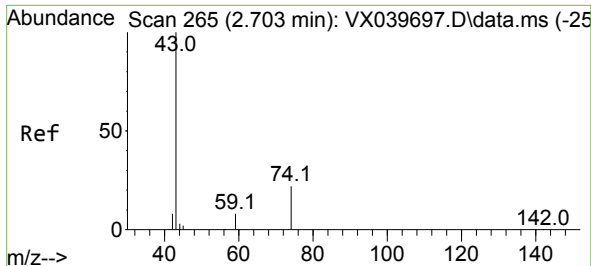
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 21.484 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 43 Resp: 15105
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9

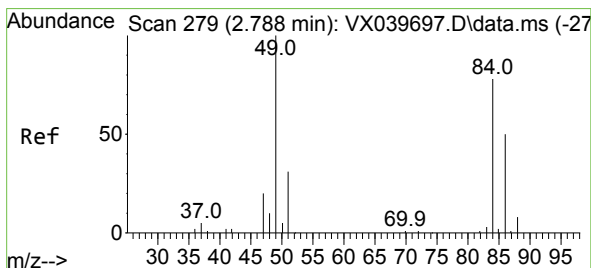
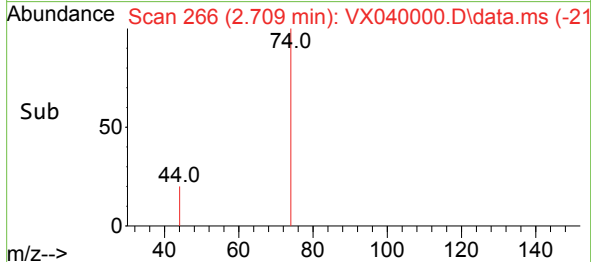
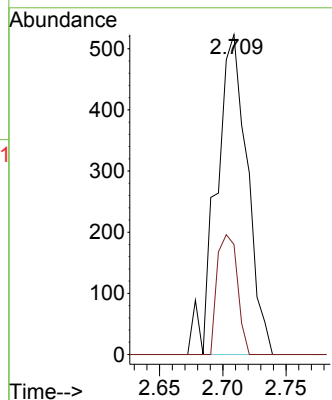
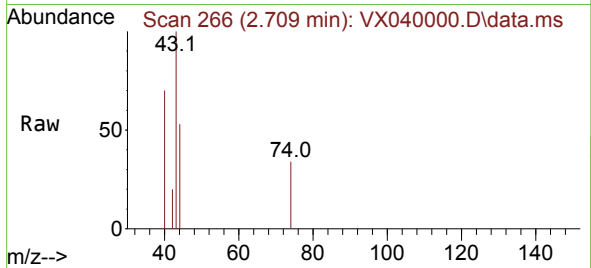




#18
Methyl Acetate
Concen: 0.605 ug/l
RT: 2.709 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

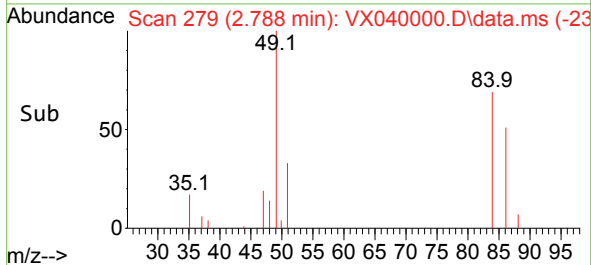
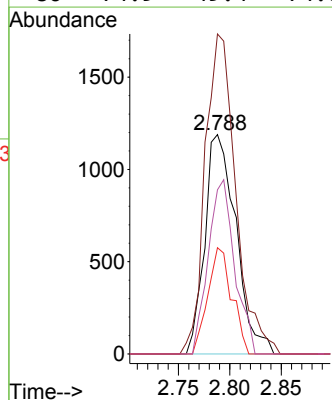
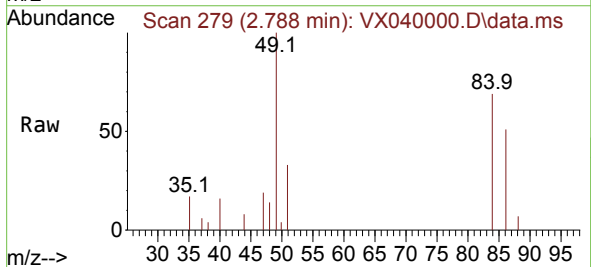
Instrument :
MSVOA_X
ClientSampleId :
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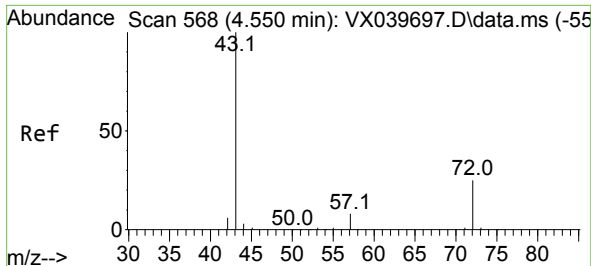
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
74 24.5 17.8 26.8



#20
Methylene Chloride
Concen: 2.357 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 84 Resp: 2507
Ion Ratio Lower Upper
84 100
49 145.8 103.6 155.4
51 48.4 33.8 50.6
86 74.9 49.4 74.0#

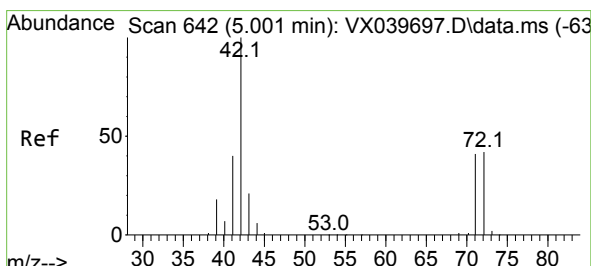
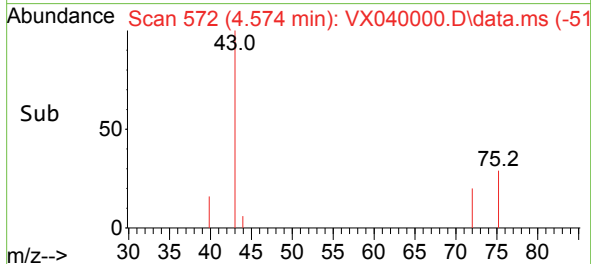
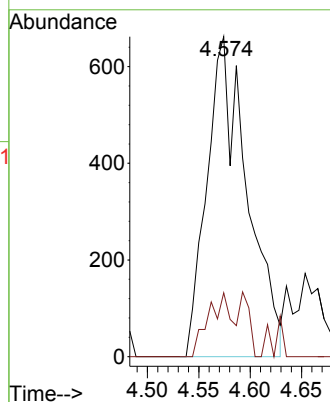
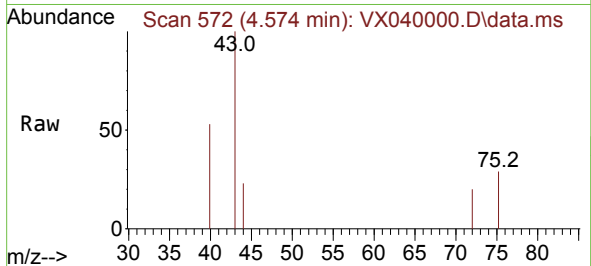




#25
2-Butanone
Concen: 1.776 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

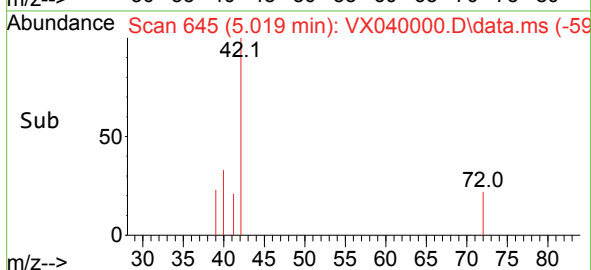
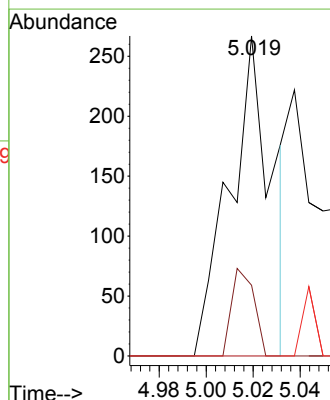
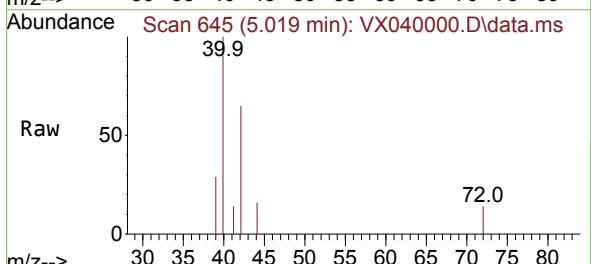
Instrument :
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ClientSampleId :
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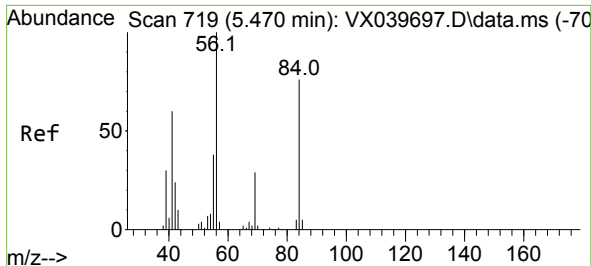
Tgt Ion: 43 Resp: 1794
Ion Ratio Lower Upper
43 100
72 19.9 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.512 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.018 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 42 Resp: 333
Ion Ratio Lower Upper
42 100
72 14.4 34.2 51.4#
71 0.0 32.2 48.2#

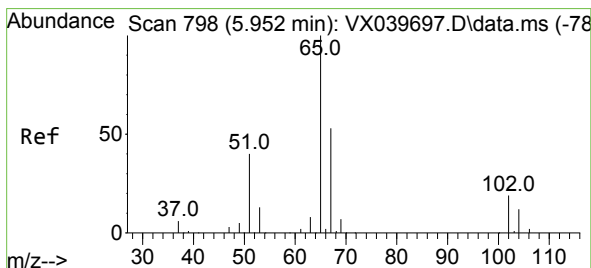
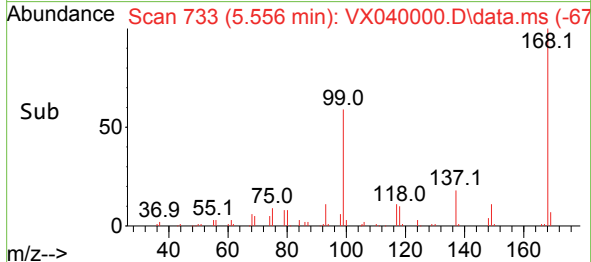
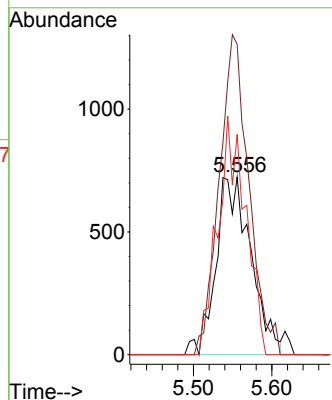
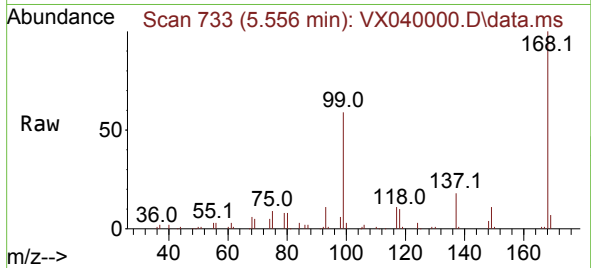




#31
Cyclohexane
Concen: 1.364 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

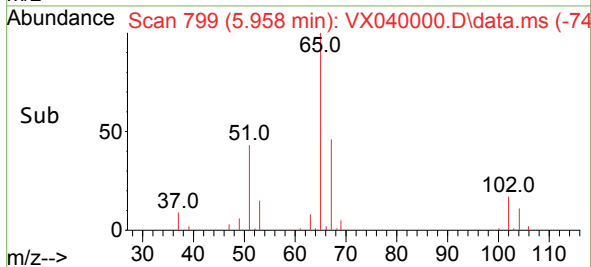
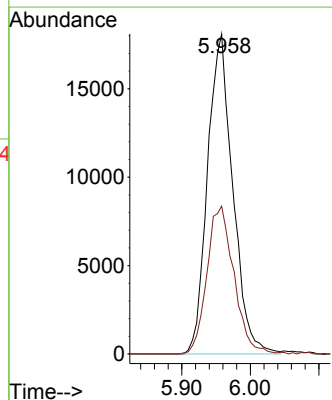
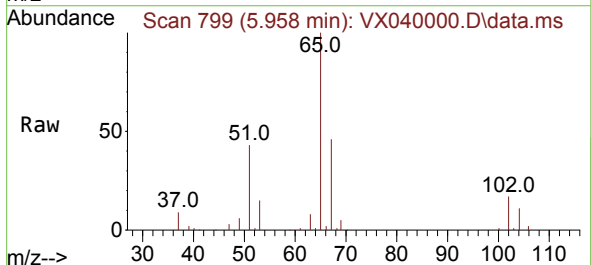
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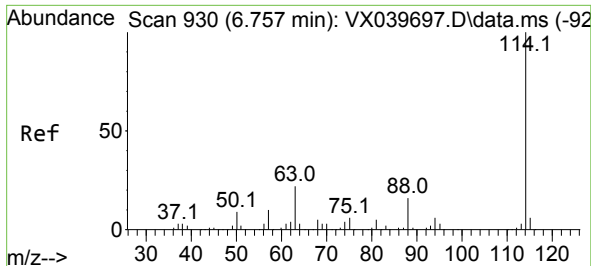
Tgt Ion: 56 Resp: 2250
Ion Ratio Lower Upper
56 100
69 174.8 23.4 35.2#
84 124.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 37.112 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 65 Resp: 46395
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.2

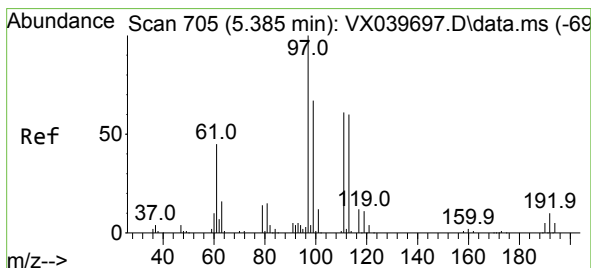
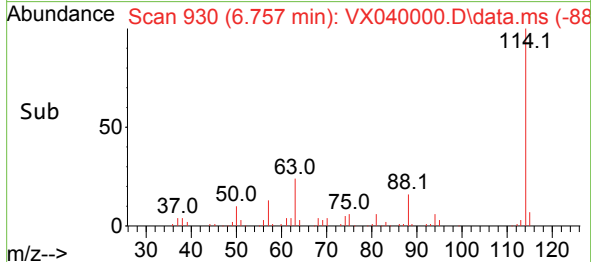
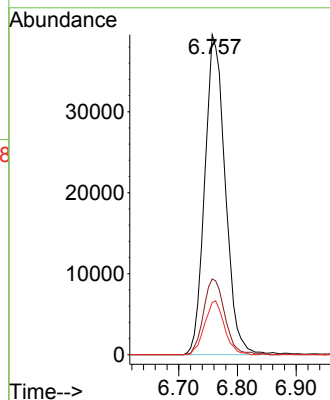
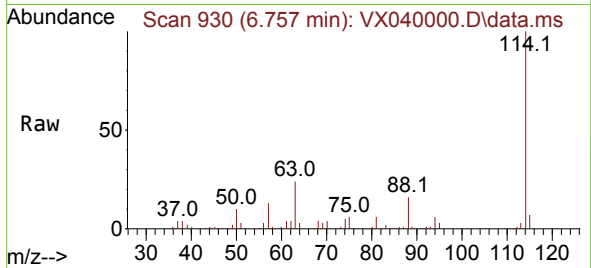




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

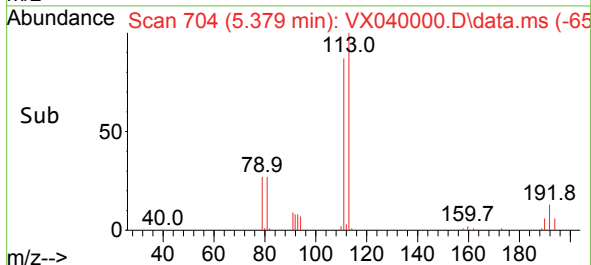
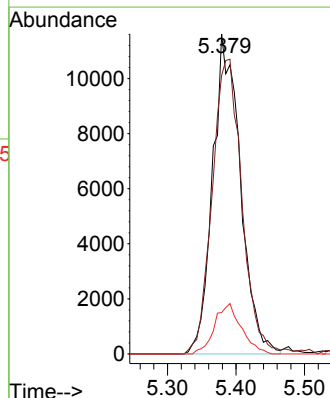
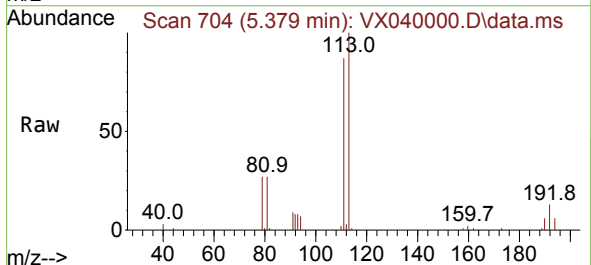
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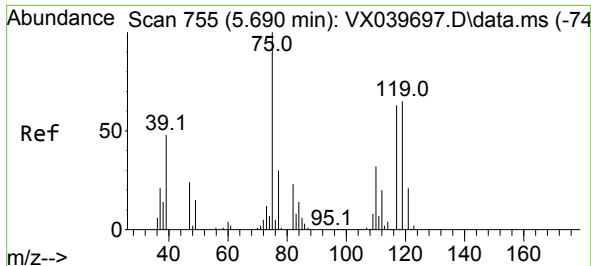
Tgt Ion:114 Resp: 95766
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.491 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion:113 Resp: 32568
Ion Ratio Lower Upper
113 100
111 98.9 82.9 124.3
192 15.2 13.3 19.9

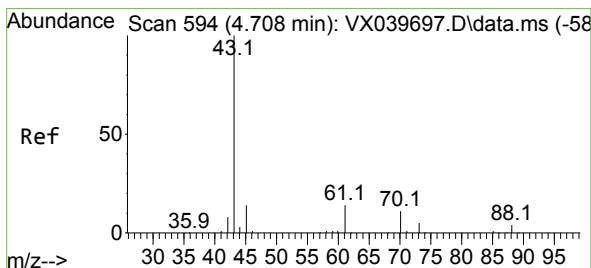
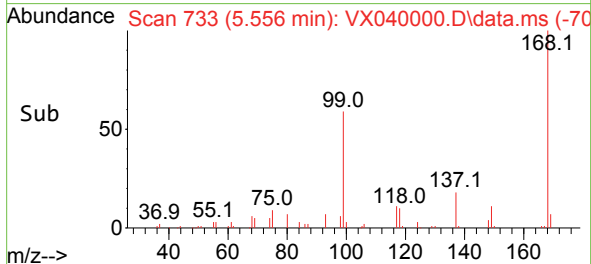
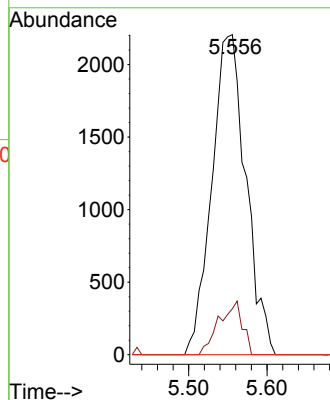
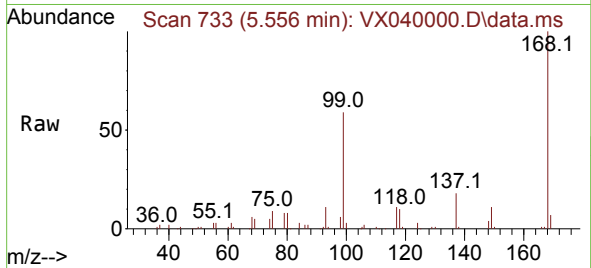




#36
1,1-Dichloropropene
Concen: 6.646 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

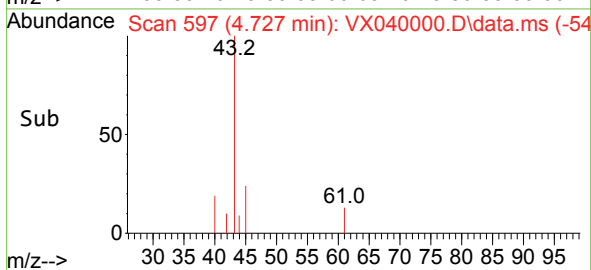
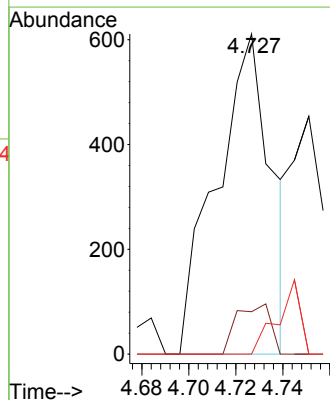
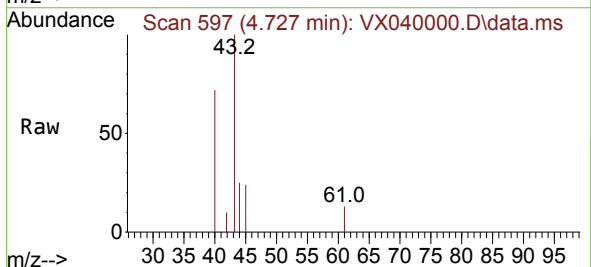
Instrument :
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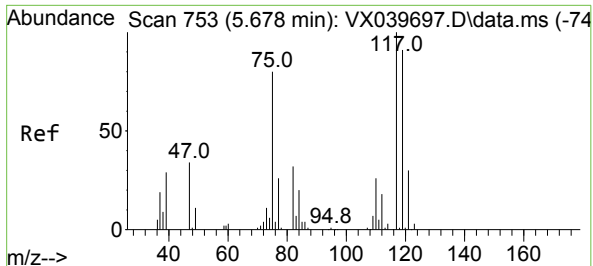
Tgt Ion: 75 Resp: 6673
Ion Ratio Lower Upper
75 100
110 11.5 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.735 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.018 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

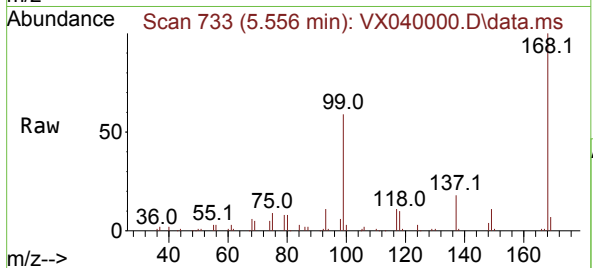
Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
61 9.6 10.6 16.0#
70 9.5 8.3 12.5



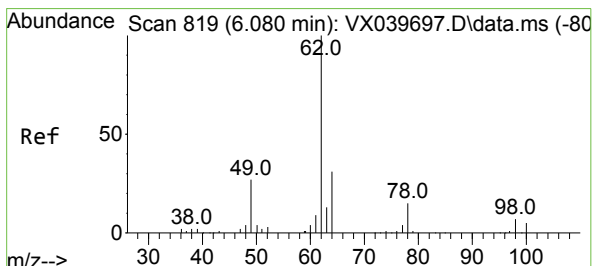
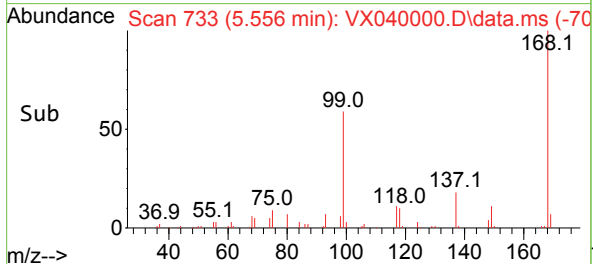
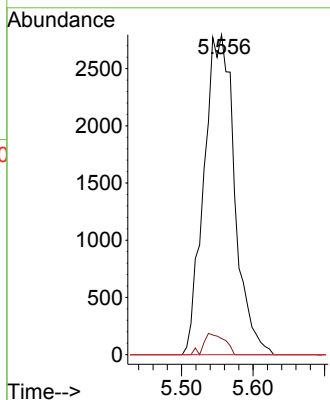


#38
Carbon Tetrachloride
Concen: 9.058 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
PB158654TB

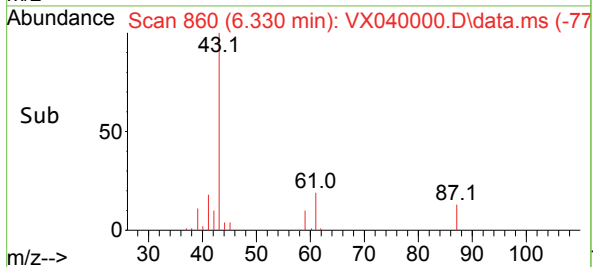
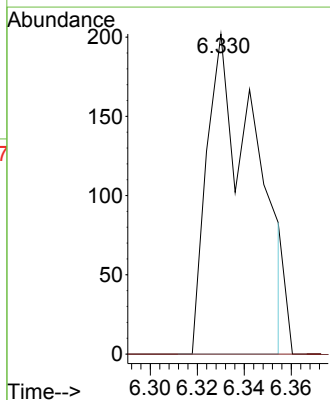
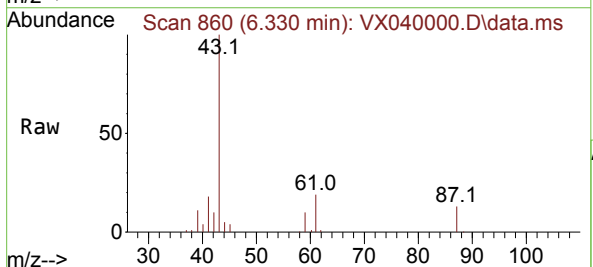


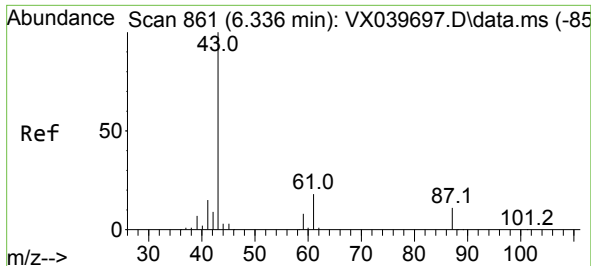
Tgt Ion:117 Resp: 8329
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#42
1,2-Dichloroethane
Concen: 0.267 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.250 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 62 Resp: 289
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0

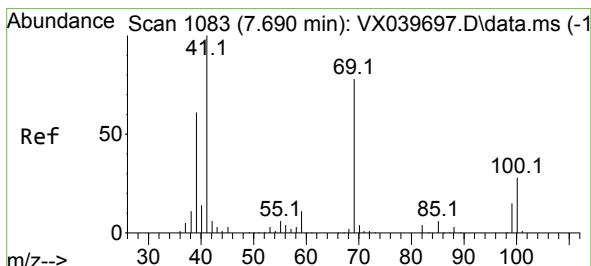
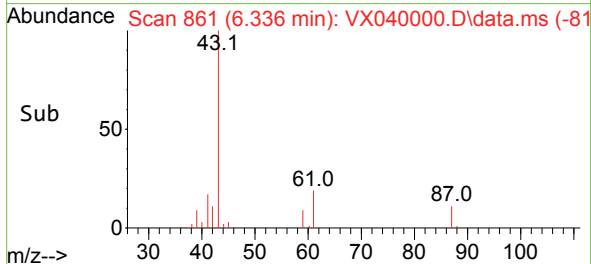
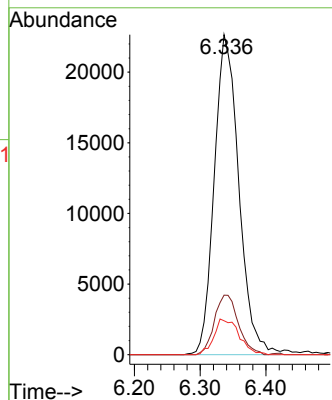
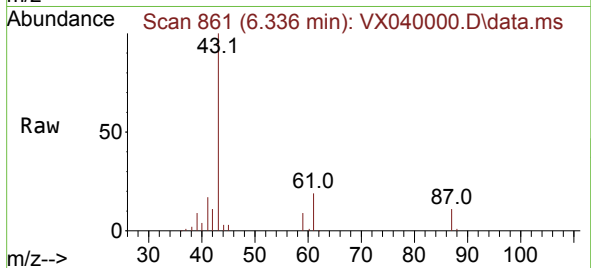




#43
Isopropyl Acetate
Concen: 29.947 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

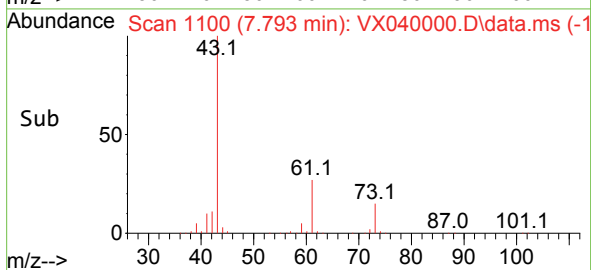
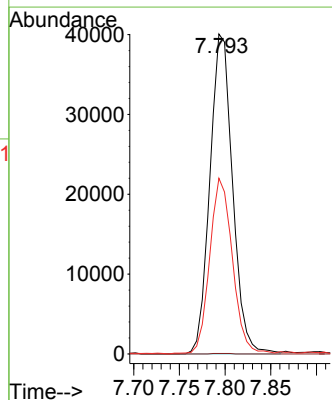
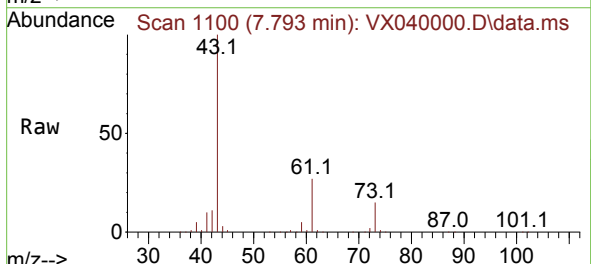
Instrument :
MSVOA_X
ClientSampleId :
PB158654TB

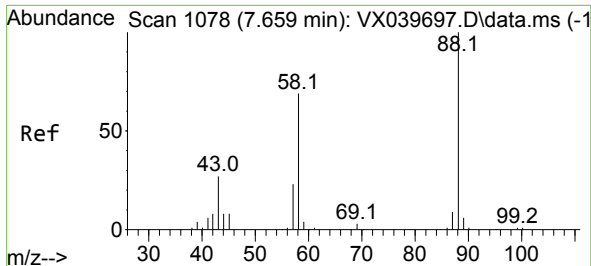
Tgt Ion: 43 Resp: 58843
Ion Ratio Lower Upper
43 100
61 18.2 15.2 22.8
87 11.4 9.8 14.6



#48
Methyl methacrylate
Concen: 71.654 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 41 Resp: 69204
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 55.2 47.7 71.5

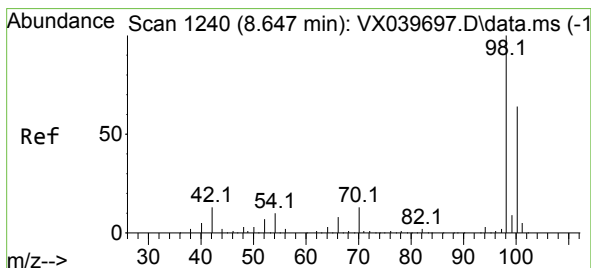
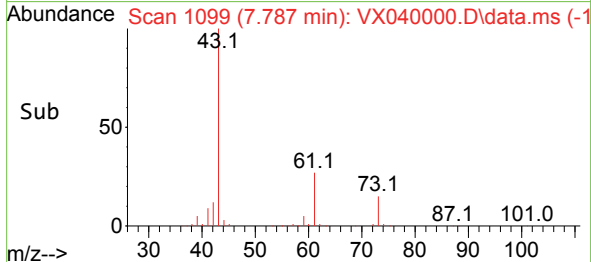
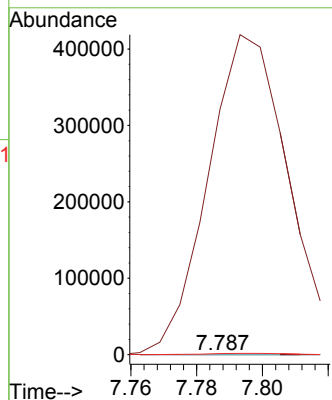
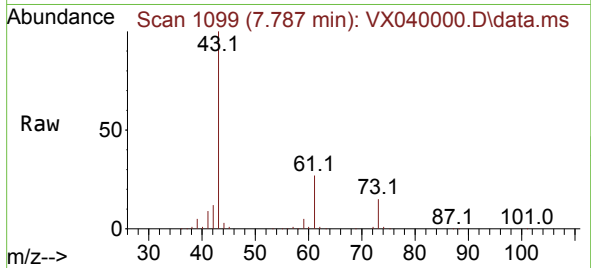




#49
1,4-Dioxane
Concen: 3.478 ug/l
RT: 7.787 min Scan# 1078
Delta R.T. 0.128 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

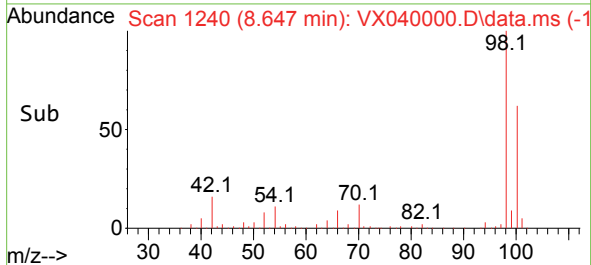
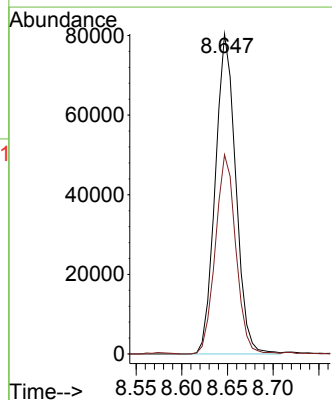
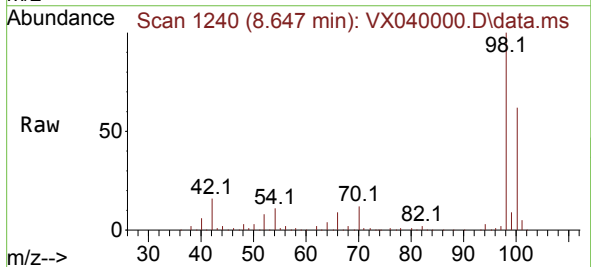
Instrument :
MSVOA_X
ClientSampleId :
PB158654TB

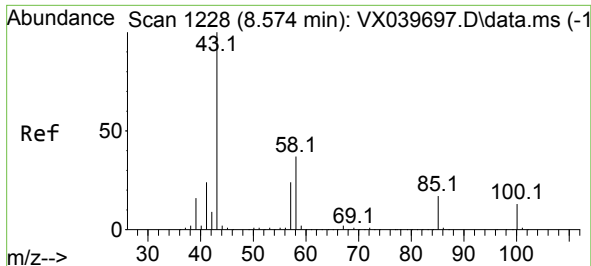
Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 1115081.5 0.0 0.0#
58 4753.8 60.1 90.1#



#50
Toluene-d8
Concen: 51.404 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 98 Resp: 125052
Ion Ratio Lower Upper
98 100
100 62.3 53.1 79.7

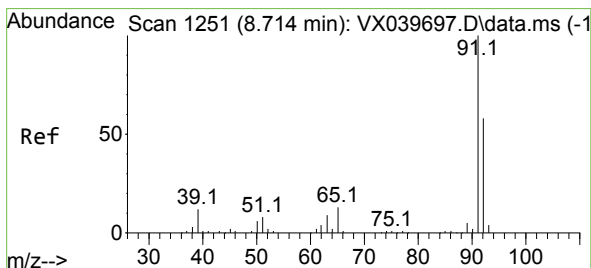
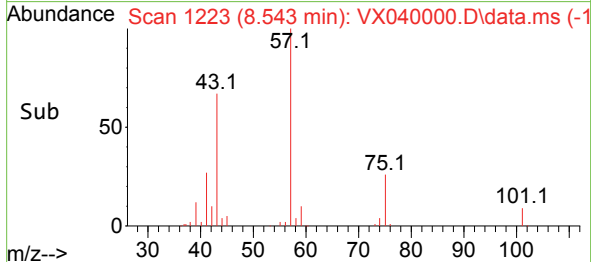
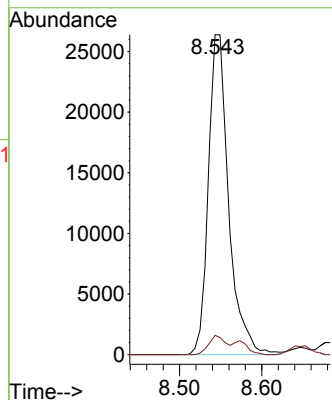
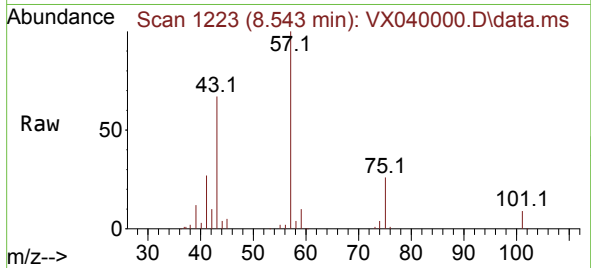




#51
4-Methyl-2-Pentanone
Concen: 33.469 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

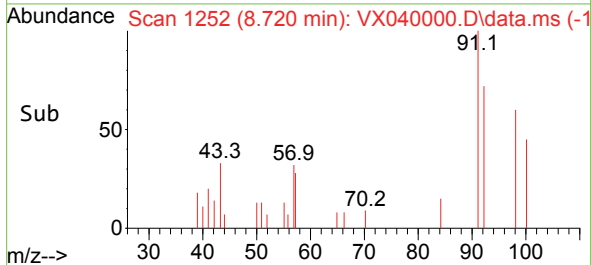
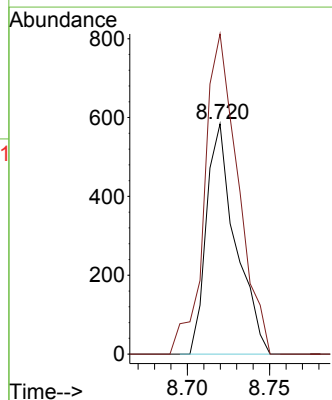
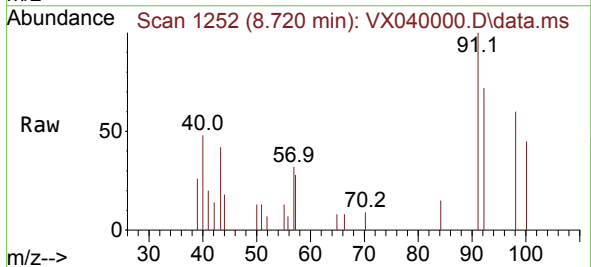
Instrument :
MSVOA_X
ClientSampleId :
PB158654TB

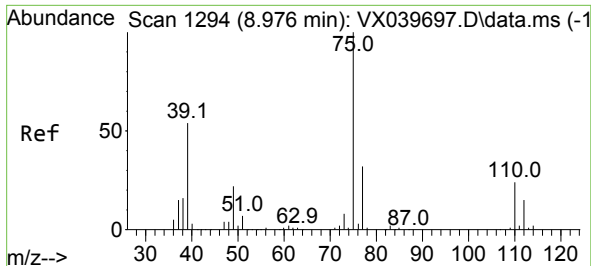
Tgt Ion: 43 Resp: 45292
Ion Ratio Lower Upper
43 100
58 5.2 30.4 45.6#



#52
Toluene
Concen: 0.423 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 92 Resp: 718
Ion Ratio Lower Upper
92 100
91 160.9 134.2 201.2

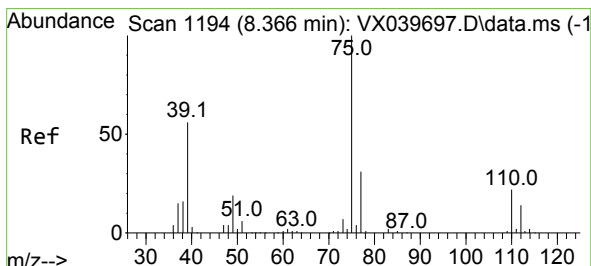
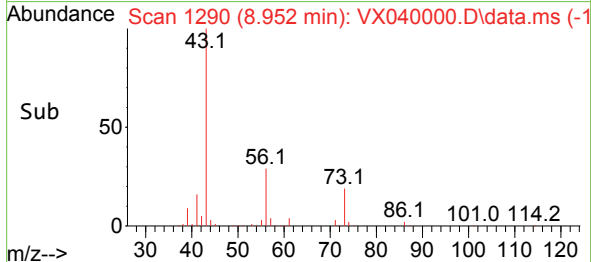
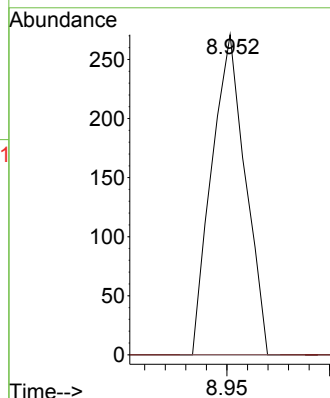
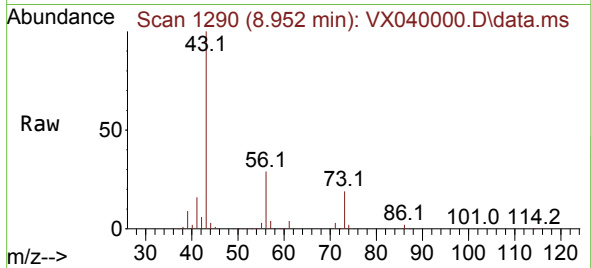




#53
 t-1,3-Dichloropropene
 Concen: 0.298 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX040000.D
 Acq: 29 Jan 2024 16:44

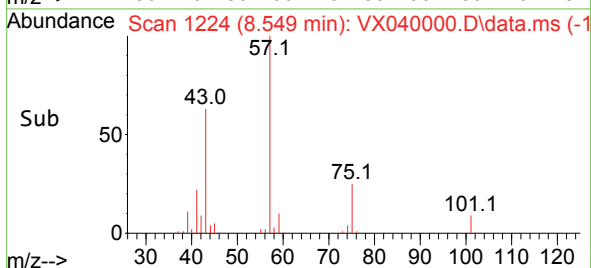
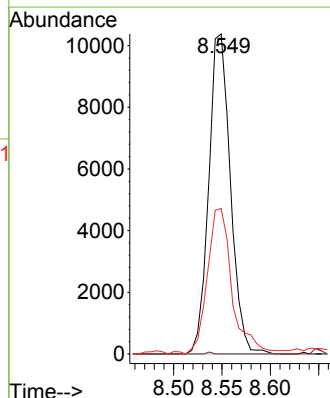
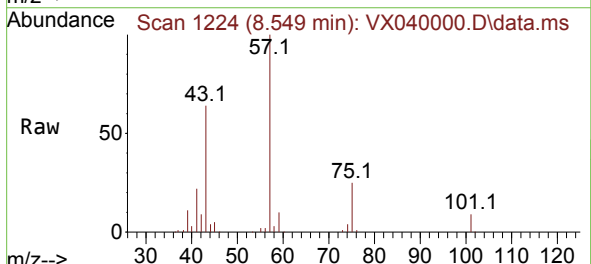
Instrument :
 MSVOA_X
 ClientSampleId :
 PB158654TB

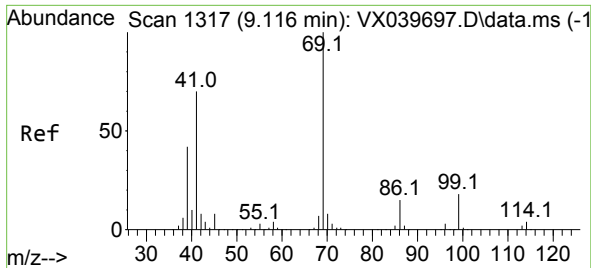
Tgt Ion: 75 Resp: 308
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 14.231 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX040000.D
 Acq: 29 Jan 2024 16:44

Tgt Ion: 75 Resp: 16199
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 44.8 46.7 70.1#

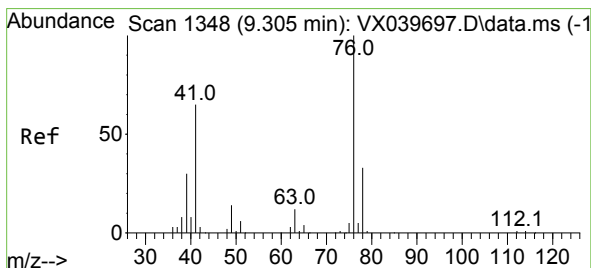
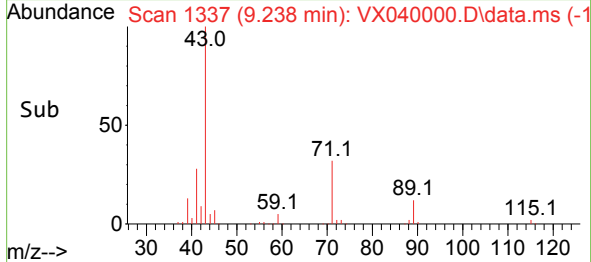
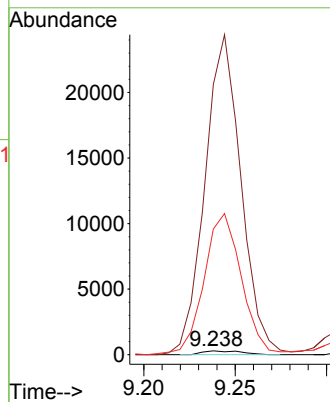
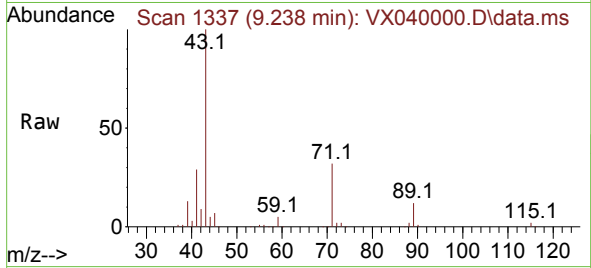




#56
Ethyl methacrylate
Concen: 0.368 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.122 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

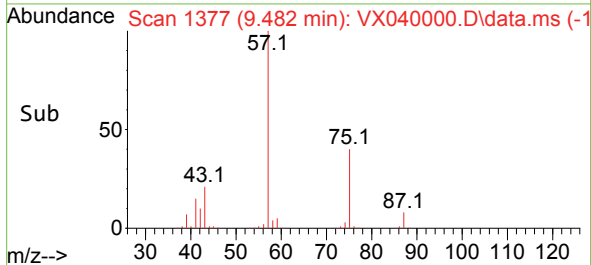
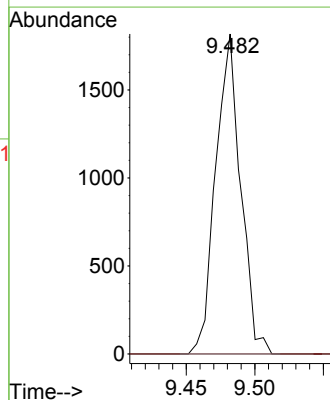
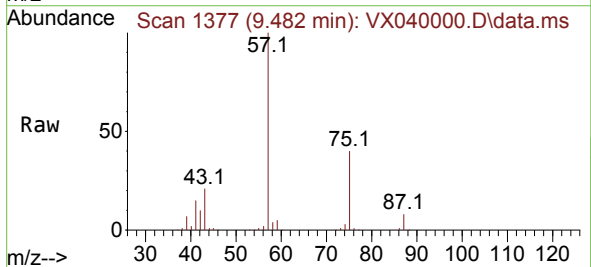
Instrument :
MSVOA_X
ClientSampleId :
PB158654TB

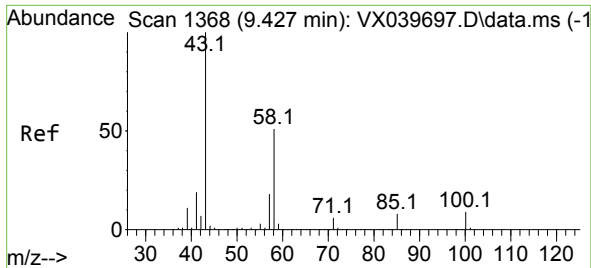
Tgt Ion: 69 Resp: 431
Ion Ratio Lower Upper
69 100
41 7806.3 56.8 85.2#
39 3554.1 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 1.879 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 76 Resp: 2302
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

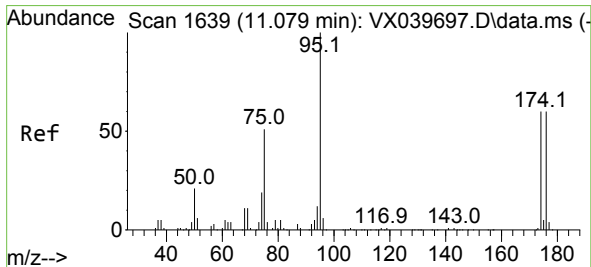
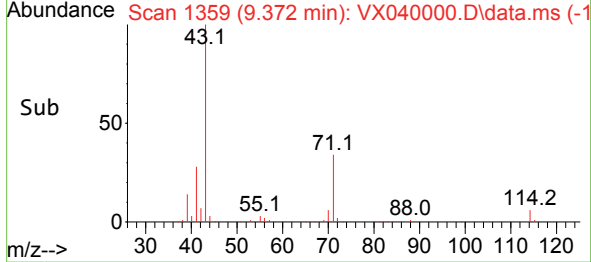
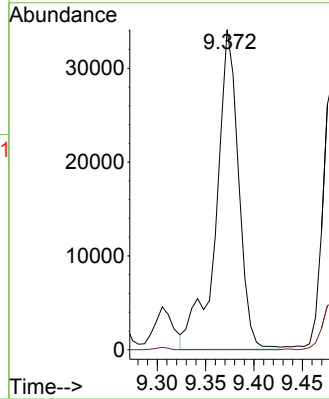
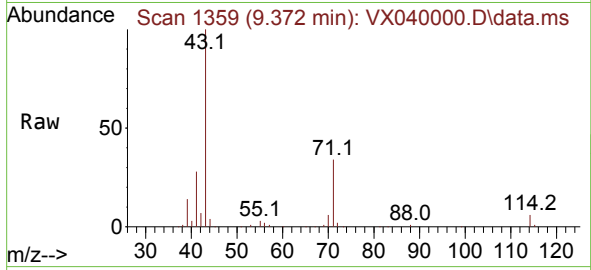




#59
2-Hexanone
Concen: 51.179 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

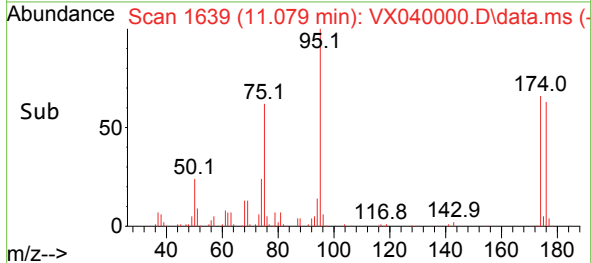
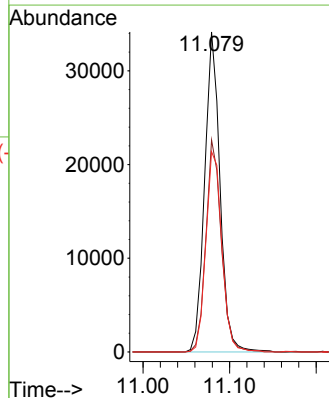
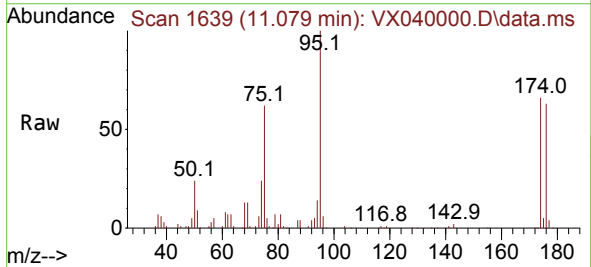
Instrument :
MSVOA_X
ClientSampleId :
PB158654TB

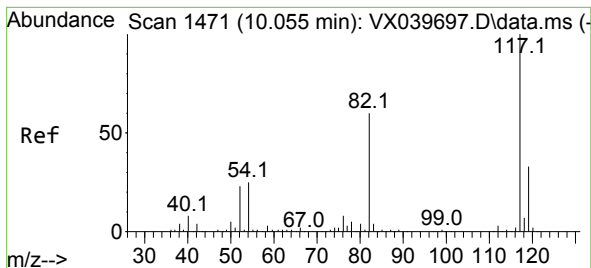
Tgt Ion: 43 Resp: 54813
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 44.169 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 95 Resp: 42019
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.6
176 65.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040000.D

Acq: 29 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

PB158654TB

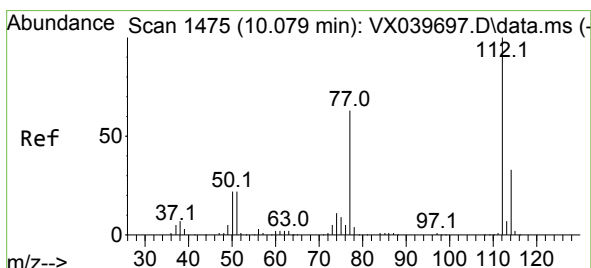
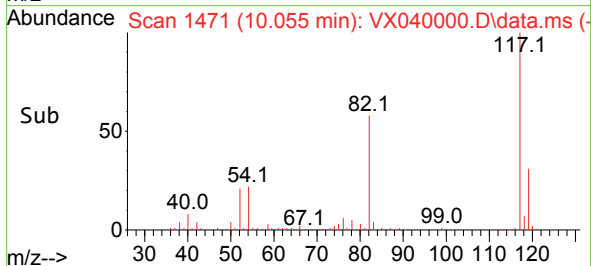
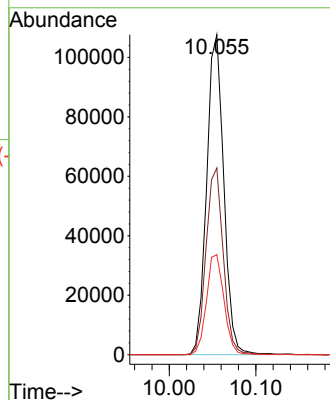
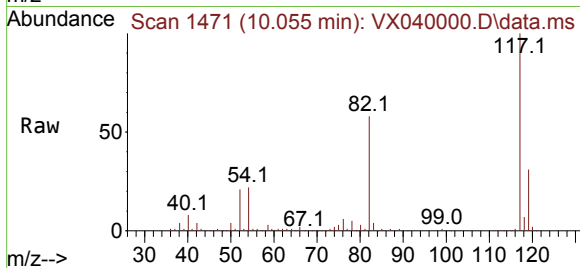
Tgt Ion:117 Resp: 147637

Ion Ratio Lower Upper

117 100

82 58.3 46.2 69.4

119 31.3 25.5 38.3



#65

Chlorobenzene

Concen: 0.386 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VX040000.D

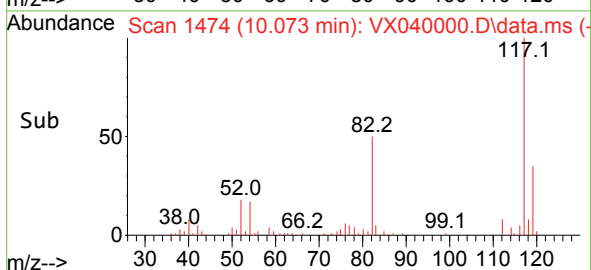
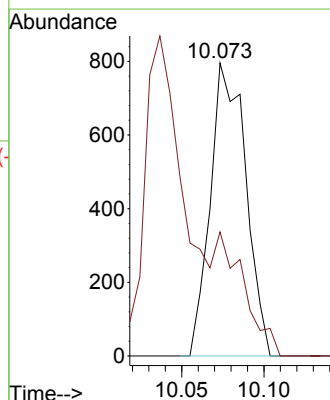
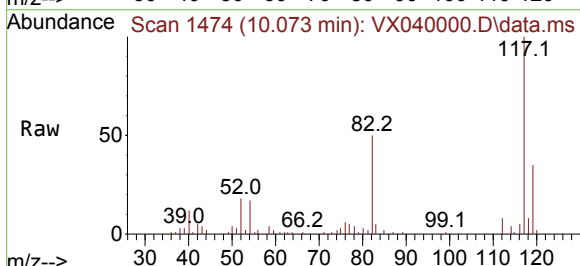
Acq: 29 Jan 2024 16:44

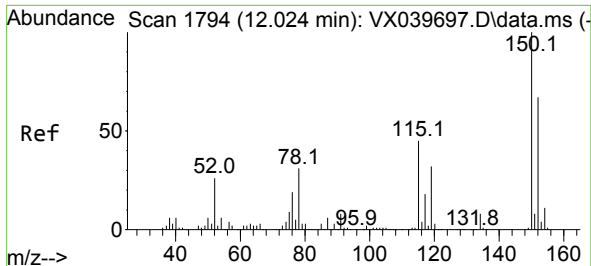
Tgt Ion:112 Resp: 1188

Ion Ratio Lower Upper

112 100

114 42.4 25.7 38.5#

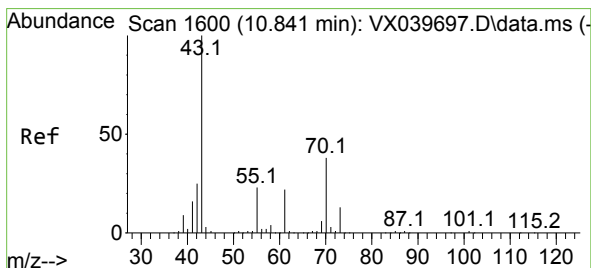
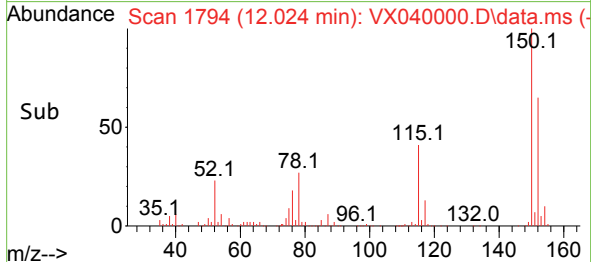
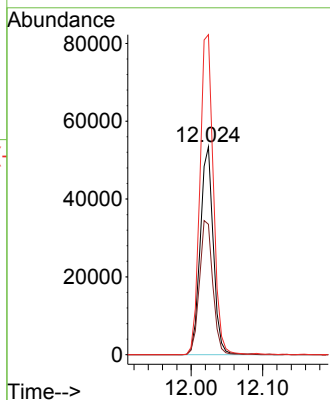
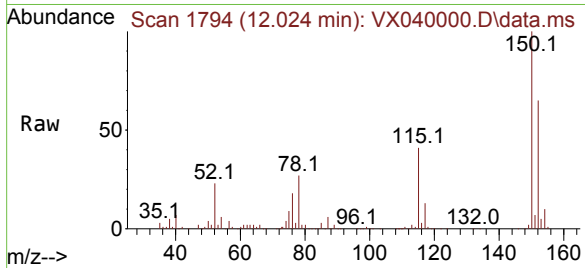




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

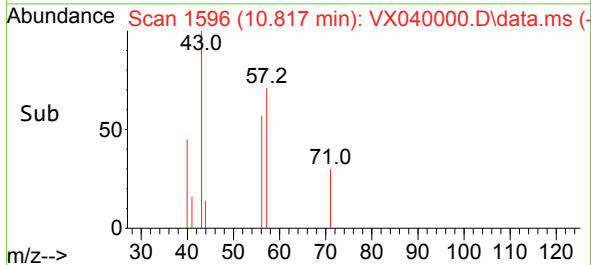
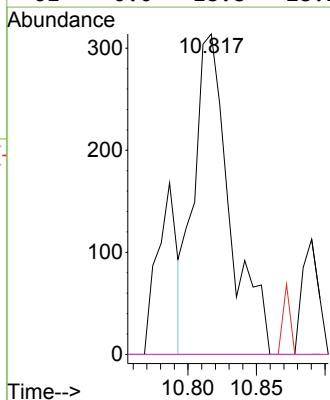
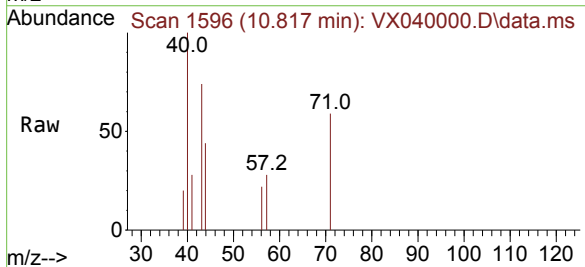
Instrument :
MSVOA_X
ClientSampleId :
PB158654TB

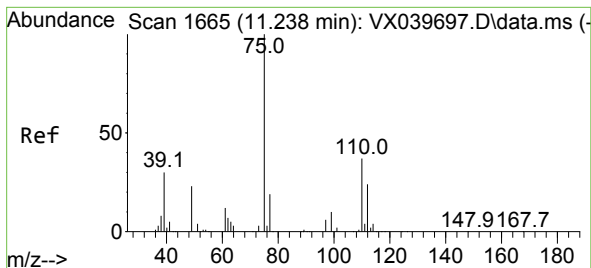
Tgt Ion:152 Resp: 67598
Ion Ratio Lower Upper
152 100
115 66.2 43.3 129.9
150 158.7 0.0 345.0



#74
N-ethyl acetate
Concen: 0.204 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 14.974 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040000.D

Acq: 29 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

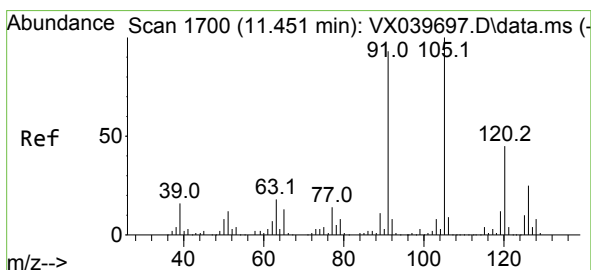
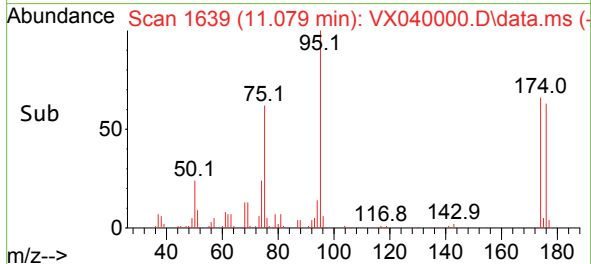
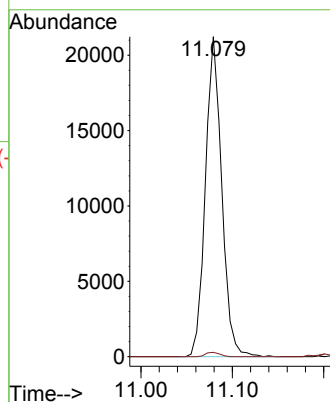
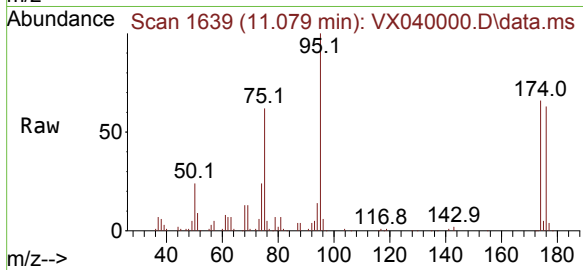
PB158654TB

Tgt Ion: 75 Resp: 26243

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.214 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040000.D

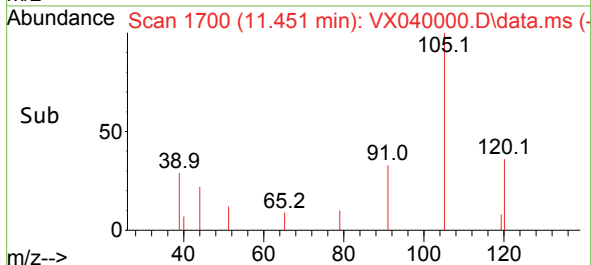
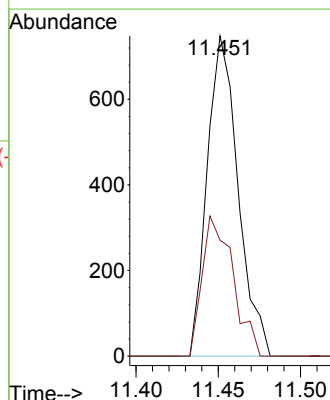
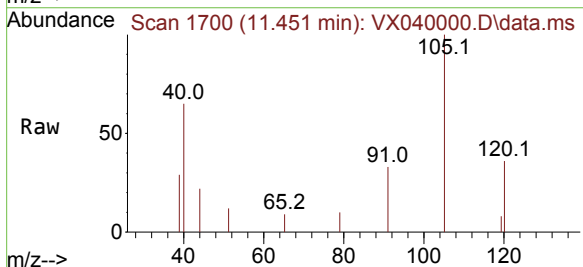
Acq: 29 Jan 2024 16:44

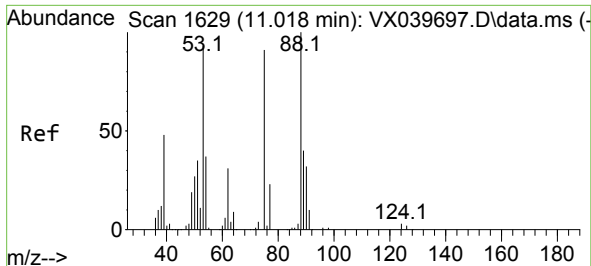
Tgt Ion: 105 Resp: 977

Ion Ratio Lower Upper

105 100

120 43.6 24.1 72.3

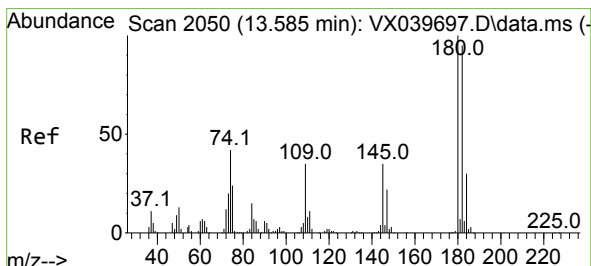
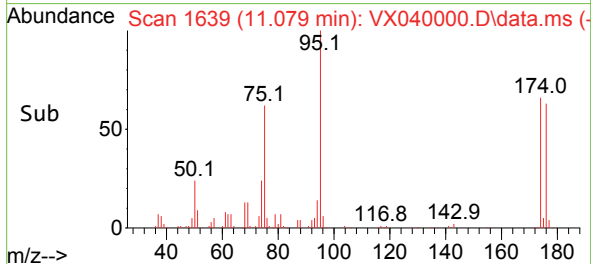
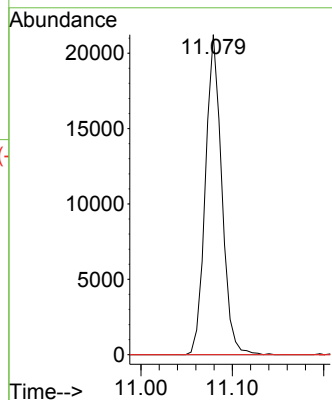
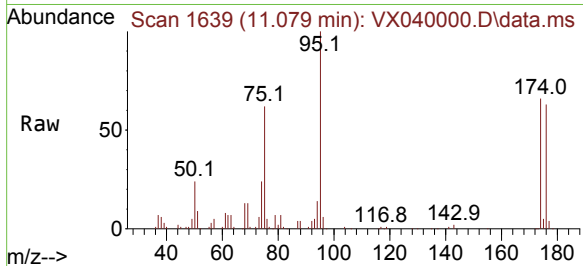




#81
trans-1,4-Dichloro-2-butene
Concen: 45.197 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
PB158654TB

Tgt Ion: 75 Resp: 26243
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.311 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040000.D
Acq: 29 Jan 2024 16:44

Tgt Ion: 180 Resp: 431
Ion Ratio Lower Upper
180 100
182 60.3 48.3 144.8
145 6.0 18.0 54.0#

