

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041861.D
 Acq On : 13 Jun 2024 18:01
 Operator : JC/MD
 Sample : P2853-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

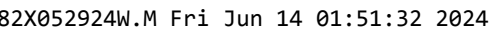
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 01:51:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	145615	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	228043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75501	42.276	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.560%		
35) Dibromofluoromethane	5.391	113	70497	44.712	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.420%		
50) Toluene-d8	8.647	98	270286	49.062	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.120%		
62) 4-Bromofluorobenzene	11.079	95	98431	48.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.820%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.995	59	1933	6.118	ug/l	# 95
16) Acetone	2.392	43	18406	20.815	ug/l	94
18) Methyl Acetate	2.709	43	6615	3.879	ug/l	97
20) Methylene Chloride	2.788	84	11482	7.184	ug/l	# 87
25) 2-Butanone	4.580	43	9899	8.918	ug/l	95
29) Tetrahydrofuran	5.056	42	764	1.091	ug/l	# 47
31) Cyclohexane	5.550	56	1946	0.923	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8238	4.315	ug/l	# 51
37) Ethyl Acetate	4.751	43	2910	1.208	ug/l	# 90
38) Carbon Tetrachloride	5.550	117	12334	5.686	ug/l	# 16
43) Isopropyl Acetate	6.348	43	123053	33.828	ug/l	94
48) Methyl methacrylate	7.799	41	105356	60.311	ug/l	# 45
49) 1,4-Dioxane	7.793	88	221	5.790	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	90143	38.215	ug/l	# 51
52) Toluene	8.726	92	1108	0.293	ug/l	92
53) t-1,3-Dichloropropene	8.951	75	844	0.426	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	47611	21.699	ug/l	# 51
57) 1,3-Dichloropropane	9.482	76	5779	2.280	ug/l	# 42
59) 2-Hexanone	9.482	43	74161	41.238	ug/l	# 55
74) N-amyl acetate	10.780	43	1836	0.612	ug/l	# 49
76) 1,2,3-Trichloropropane	11.079	75	45025	23.626	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45025	64.393	ug/l	# 5

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

Quant Time: Jun 14 01:51:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

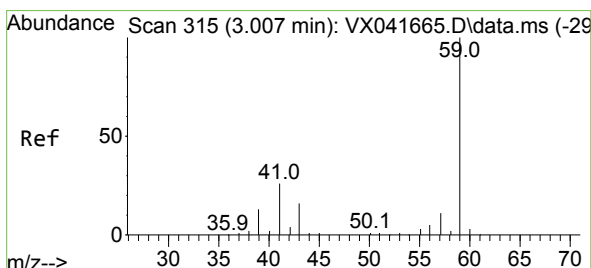
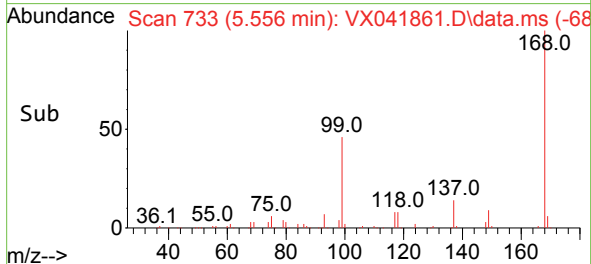
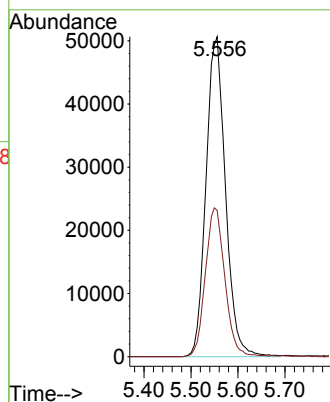
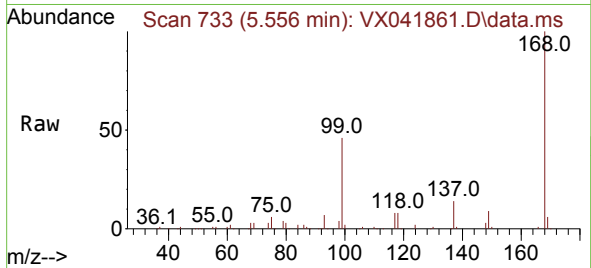




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

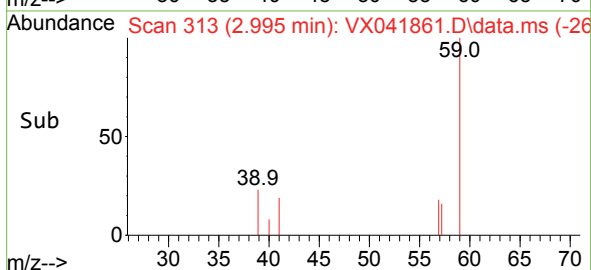
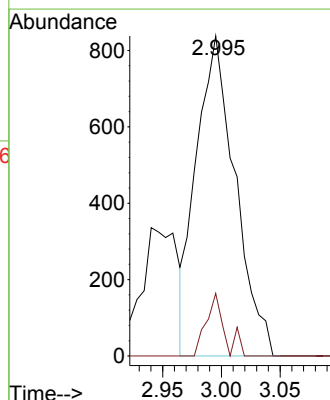
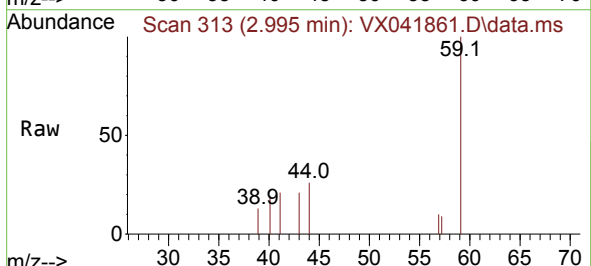
Instrument :
MSVOA_X
ClientSampleId :

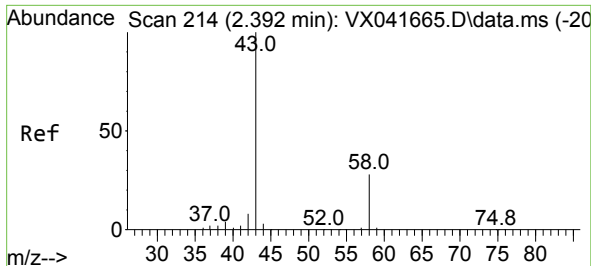
Tgt Ion:168 Resp: 145615
Ion Ratio Lower Upper
168 100
99 45.7 56.6 85.0#



#11
Tert butyl alcohol
Concen: 6.118 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.012 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

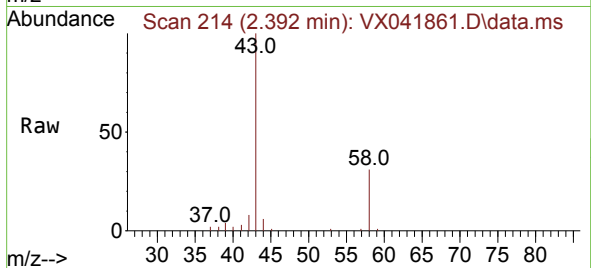
Tgt Ion: 59 Resp: 1933
Ion Ratio Lower Upper
59 100
57 9.1 6.0 9.0#



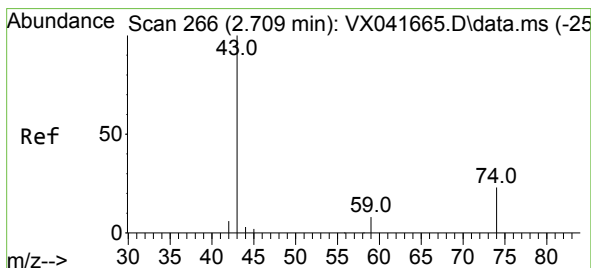
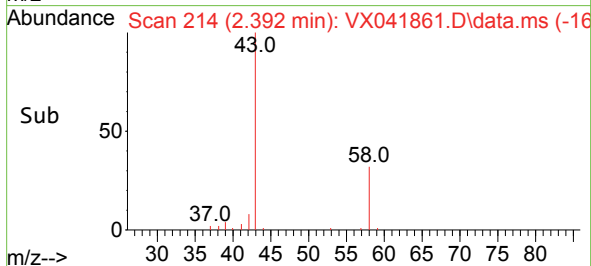
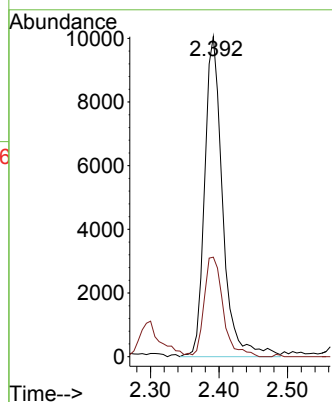


#16
Acetone
Concen: 20.815 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

Instrument :
MSVOA_X
ClientSampleId :

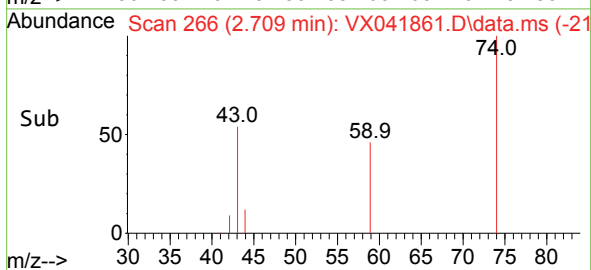
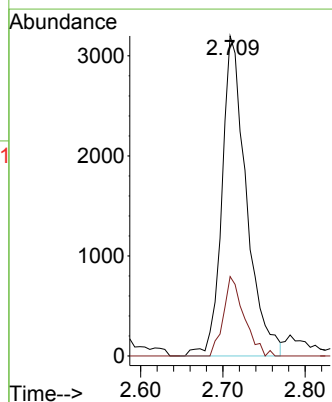
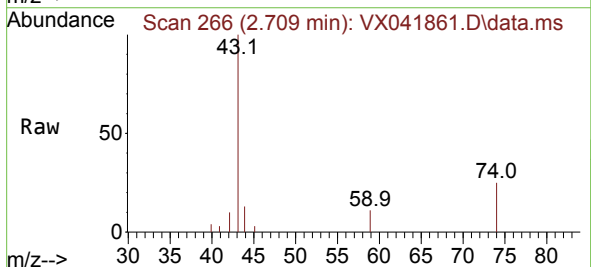


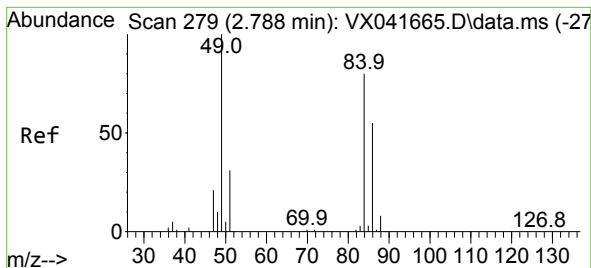
Tgt Ion: 43 Resp: 18406
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9



#18
Methyl Acetate
Concen: 3.879 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

Tgt Ion: 43 Resp: 6615
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.8





#20

Methylene Chloride

Concen: 7.184 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

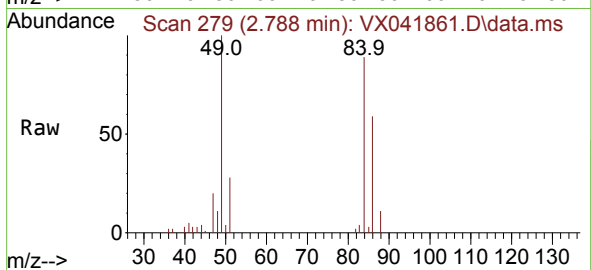
Lab File: VX041861.D

Acq: 13 Jun 2024 18:01

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 11482

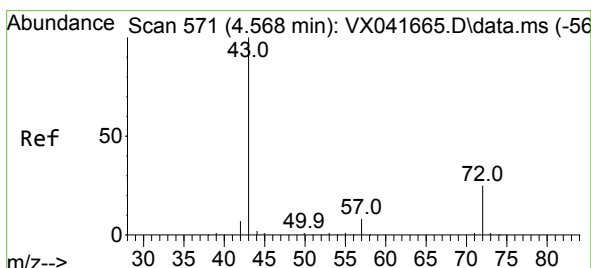
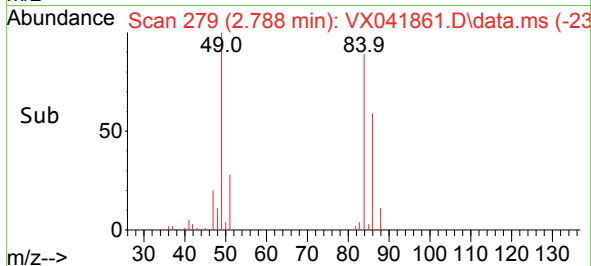
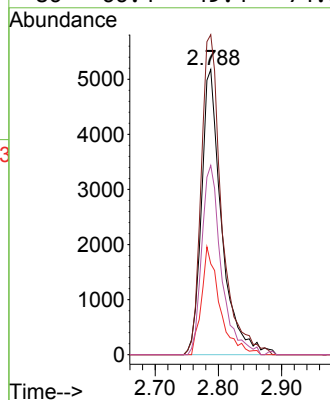
Ion Ratio Lower Upper

84 100

49 112.2 103.6 155.4

51 31.9 33.8 50.6#

86 66.4 49.4 74.0



#25

2-Butanone

Concen: 8.918 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX041861.D

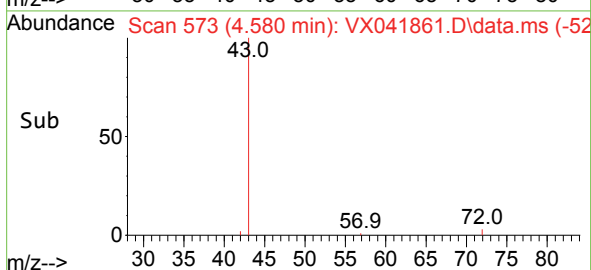
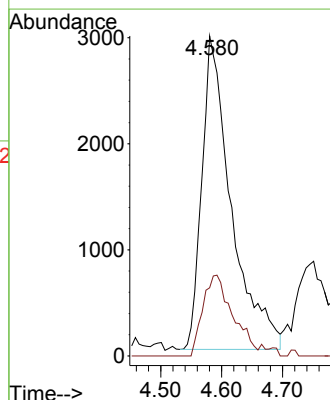
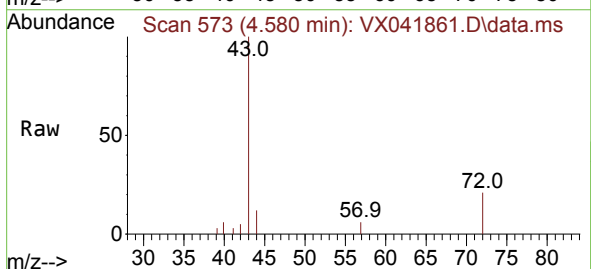
Acq: 13 Jun 2024 18:01

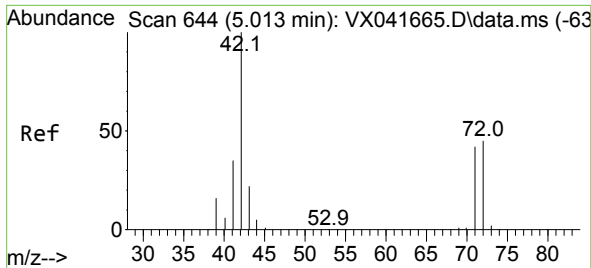
Tgt Ion: 43 Resp: 9899

Ion Ratio Lower Upper

43 100

72 21.7 19.4 29.2





#29

Tetrahydrofuran

Concen: 1.091 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.043 min

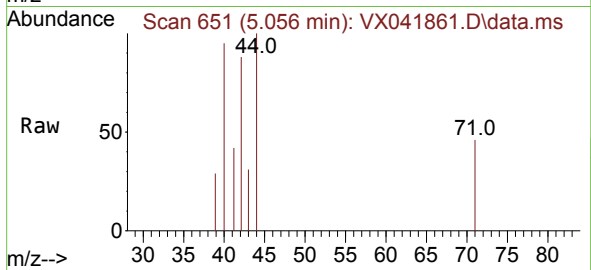
Lab File: VX041861.D

Acq: 13 Jun 2024 18:01

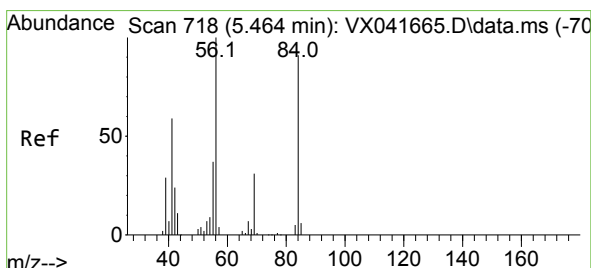
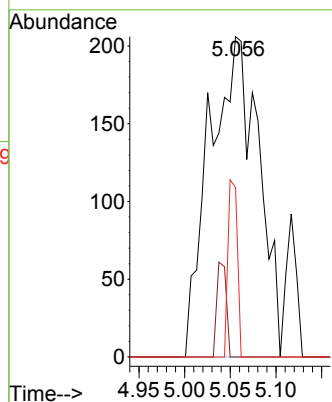
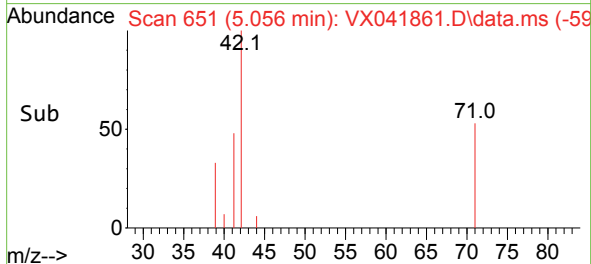
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	764
Ion	Ratio	Lower	Upper
42	100		
72	5.8	34.2	51.4#
71	10.7	32.2	48.2#



#31

Cyclohexane

Concen: 0.923 ug/l

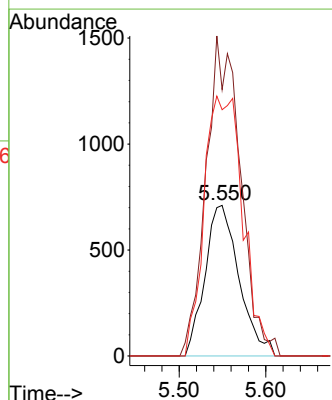
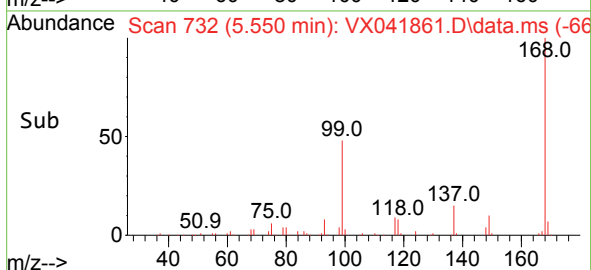
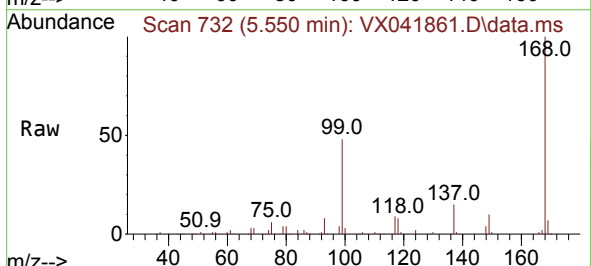
RT: 5.550 min Scan# 732

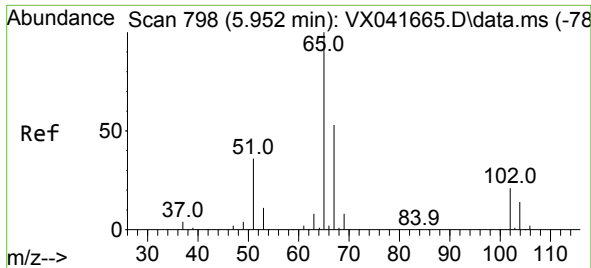
Delta R.T. 0.085 min

Lab File: VX041861.D

Acq: 13 Jun 2024 18:01

Tgt Ion:	56	Resp:	1946
Ion	Ratio	Lower	Upper
56	100		
69	176.8	23.4	35.2#
84	163.4	65.9	98.9#

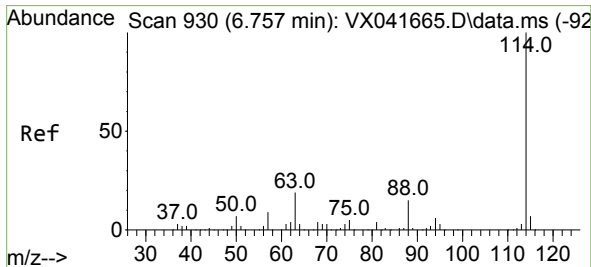
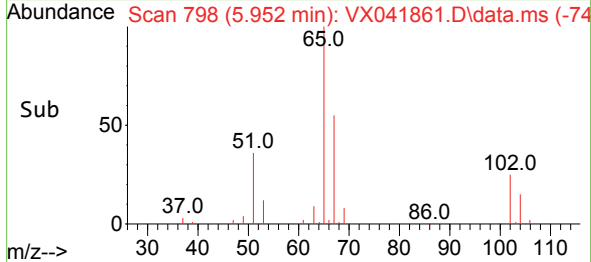
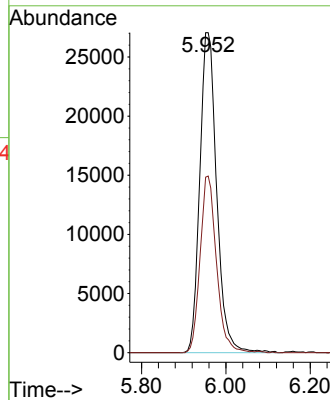
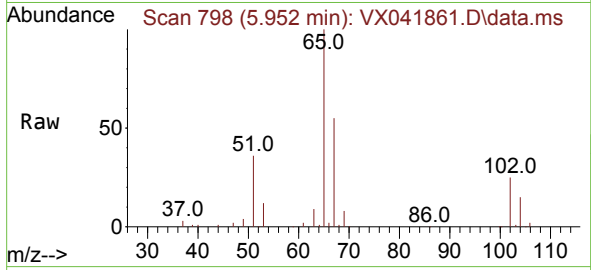




#33
 1,2-Dichloroethane-d4
 Concen: 42.276 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX041861.D
 Acq: 13 Jun 2024 18:01

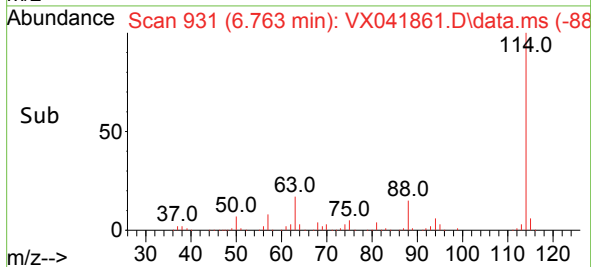
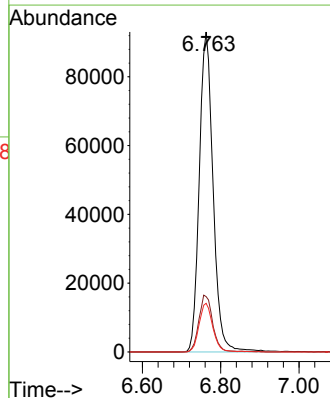
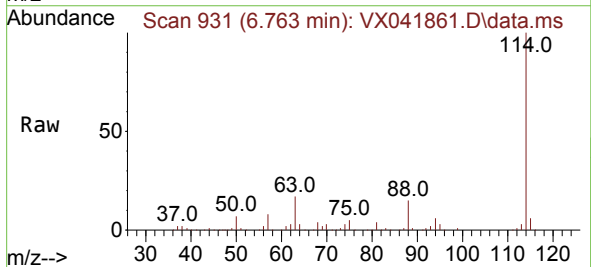
Instrument :
 MSVOA_X
 ClientSampleId :

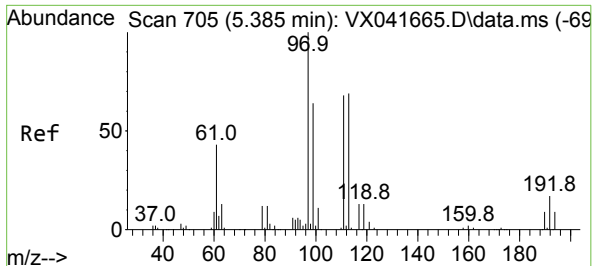
Tgt Ion: 65 Resp: 75501
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX041861.D
 Acq: 13 Jun 2024 18:01

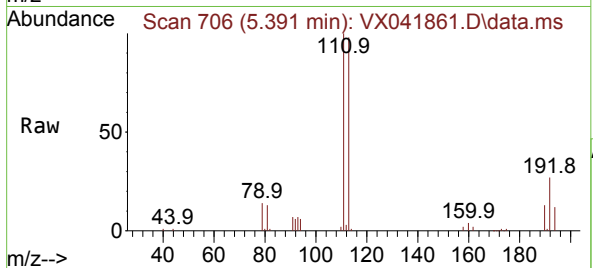
Tgt Ion: 114 Resp: 228043
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 45.0
 88 15.2 0.0 36.6



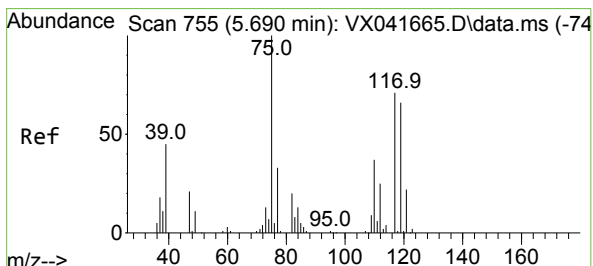
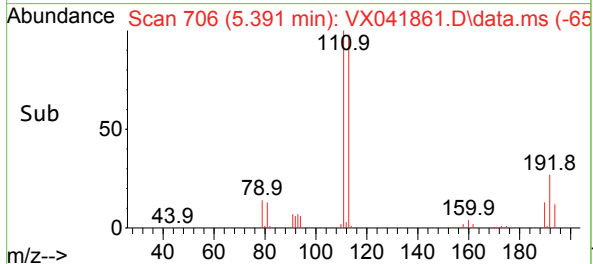
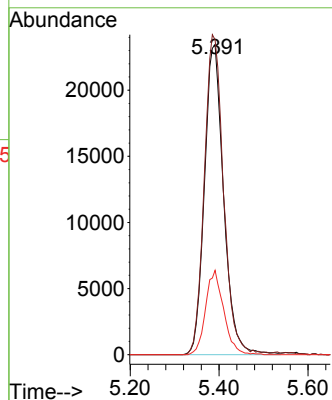


#35
Dibromofluoromethane
Concen: 44.712 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

Instrument :
MSVOA_X
ClientSampleId :

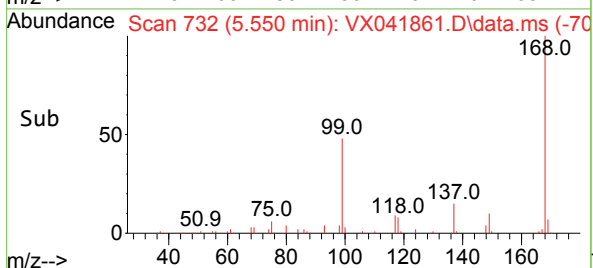
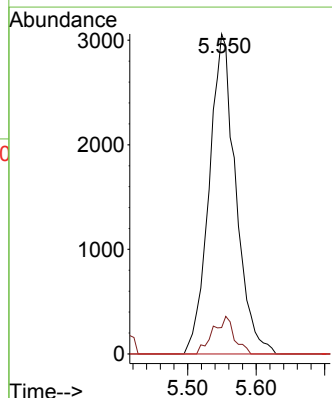
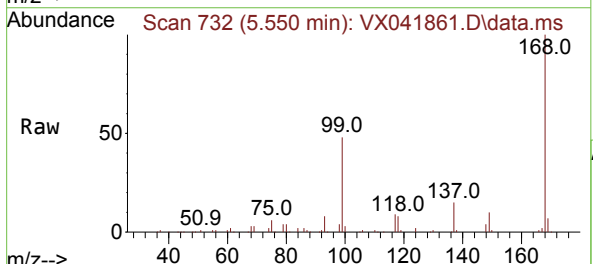


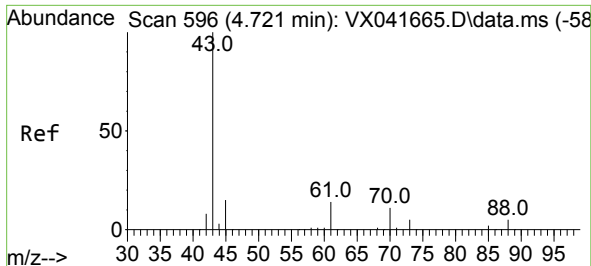
Tgt Ion:113 Resp: 70497
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 25.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.315 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

Tgt Ion: 75 Resp: 8238
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.208 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.030 min

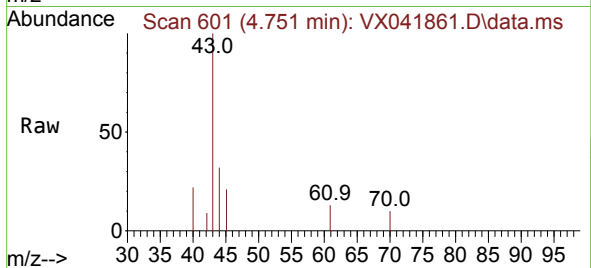
Lab File: VX041861.D

Acq: 13 Jun 2024 18:01

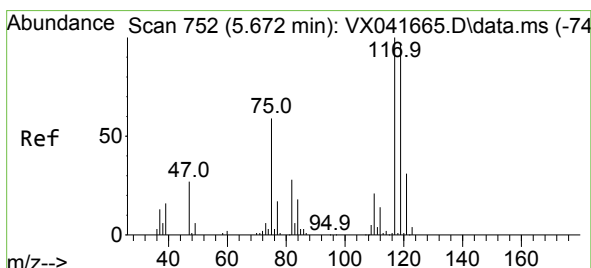
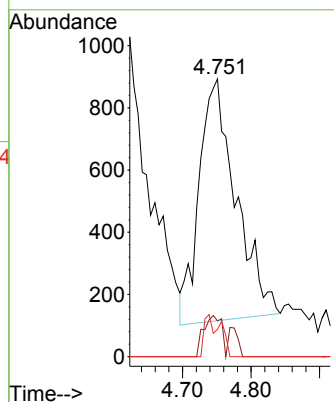
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 2910
Ion Ratio	Lower Upper
43	100
61	8.4 10.6 16.0#
70	7.6 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.686 ug/l

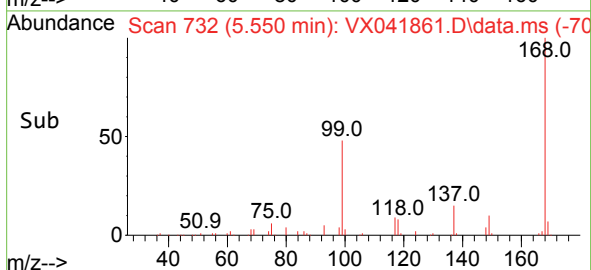
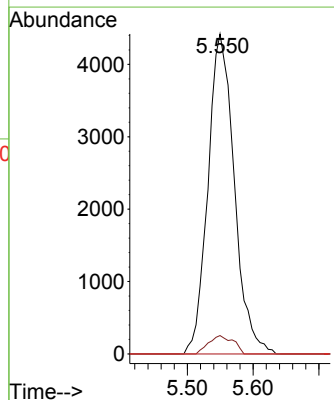
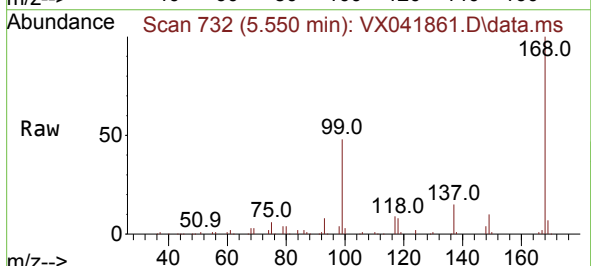
RT: 5.550 min Scan# 732

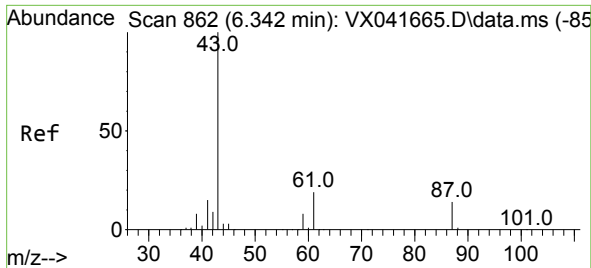
Delta R.T. -0.122 min

Lab File: VX041861.D

Acq: 13 Jun 2024 18:01

Tgt Ion: 117	Resp: 12334
Ion Ratio	Lower Upper
117	100
119	5.7 78.2 117.2#
121	0.0 24.4 36.6#

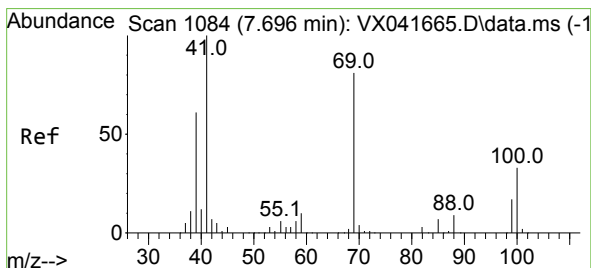
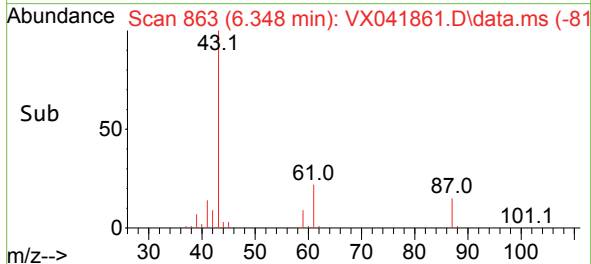
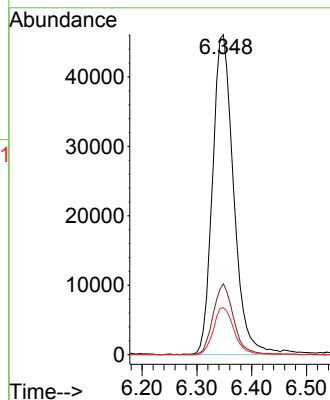
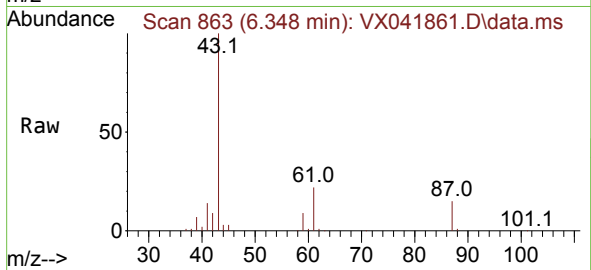




#43
Isopropyl Acetate
Concen: 33.828 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

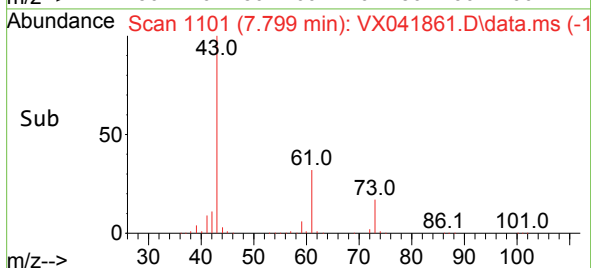
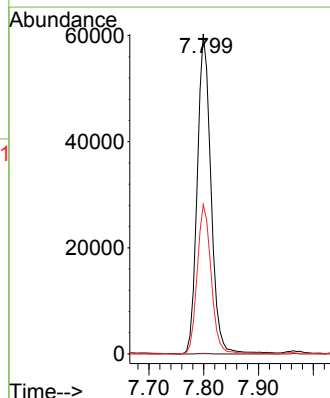
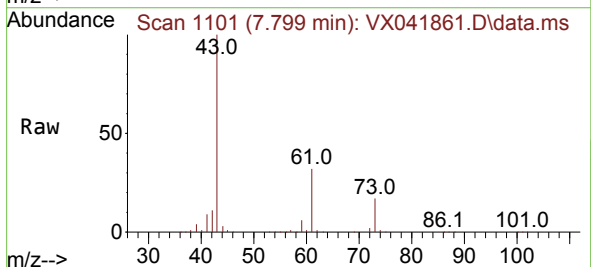
Instrument :
MSVOA_X
ClientSampleId :

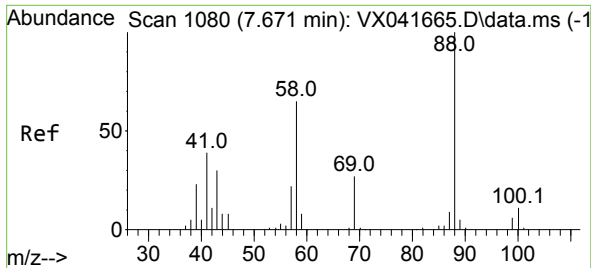
Tgt Ion: 43 Resp: 123053
Ion Ratio Lower Upper
43 100
61 21.6 15.2 22.8
87 14.4 9.8 14.6



#48
Methyl methacrylate
Concen: 60.311 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

Tgt Ion: 41 Resp: 105356
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 47.6 47.7 71.5#

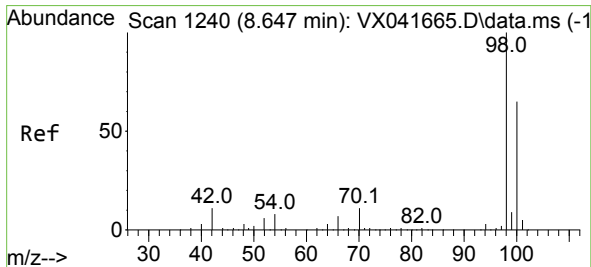
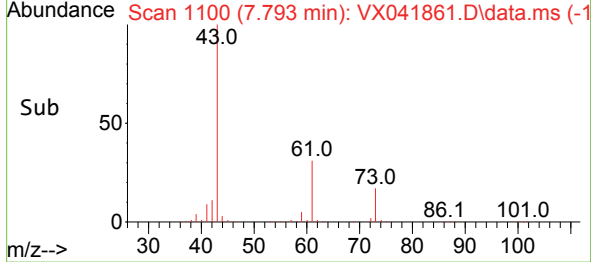
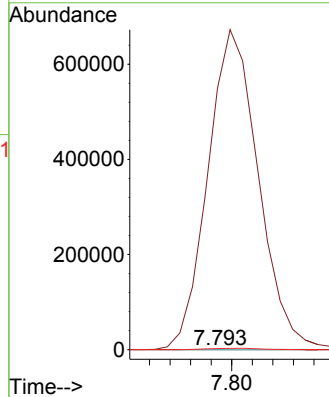
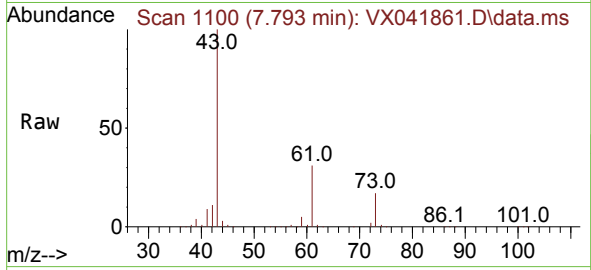




#49
1,4-Dioxane
Concen: 5.790 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.122 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

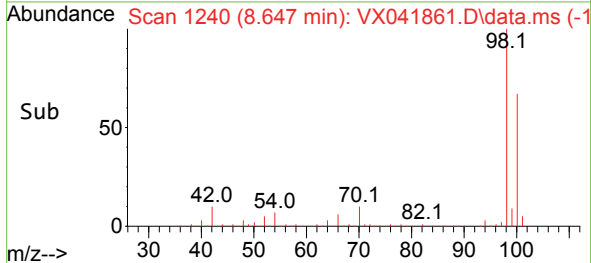
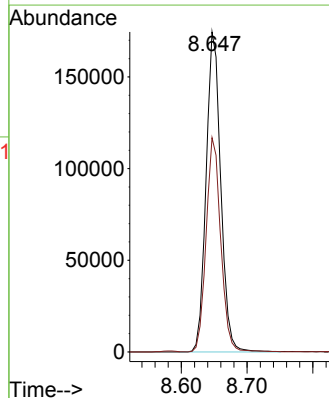
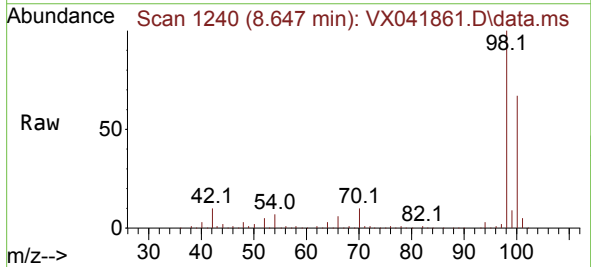
Instrument :
MSVOA_X
ClientSampleId :

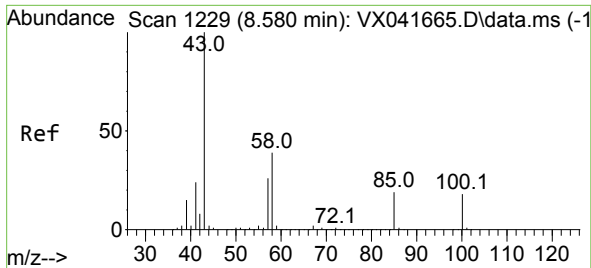
Tgt Ion: 88 Resp: 221
Ion Ratio Lower Upper
88 100
43 526680.5 0.0 0.0#
58 2466.1 60.1 90.1#



#50
Toluene-d8
Concen: 49.062 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

Tgt Ion: 98 Resp: 270286
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

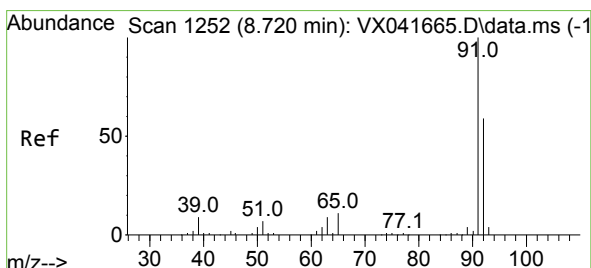
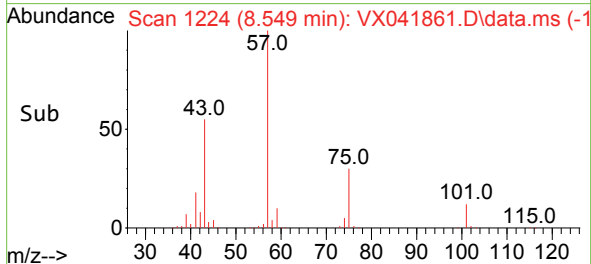
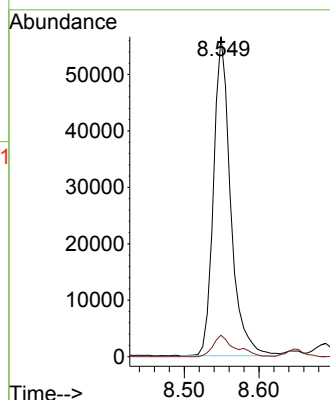
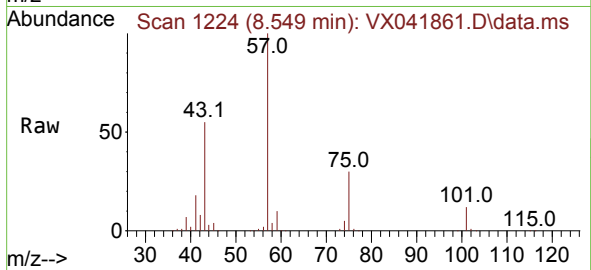




#51
4-Methyl-2-Pentanone
Concen: 38.215 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

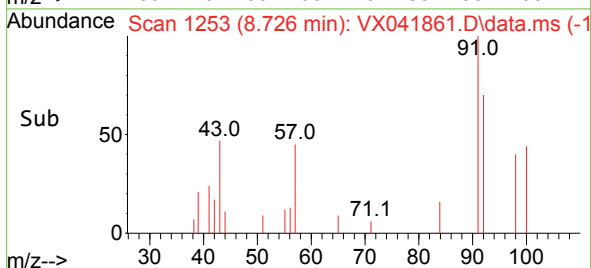
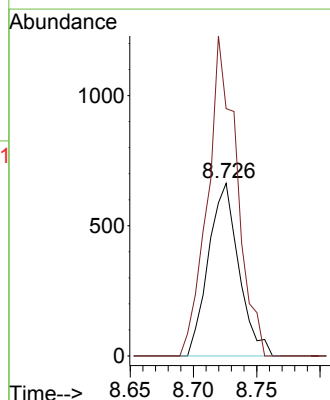
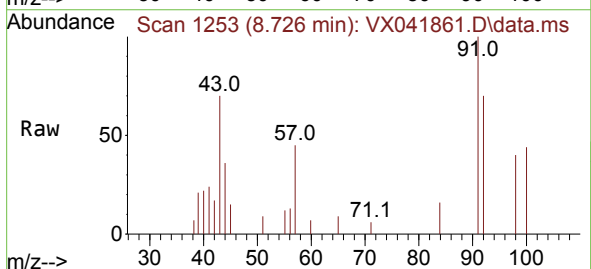
Instrument :
MSVOA_X
ClientSampleId :

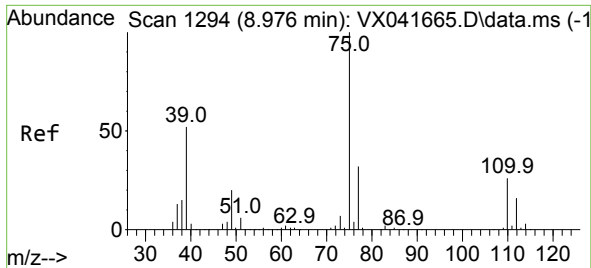
Tgt Ion: 43 Resp: 90143
Ion Ratio Lower Upper
43 100
58 8.5 30.4 45.6#



#52
Toluene
Concen: 0.293 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

Tgt Ion: 92 Resp: 1108
Ion Ratio Lower Upper
92 100
91 178.2 134.2 201.2

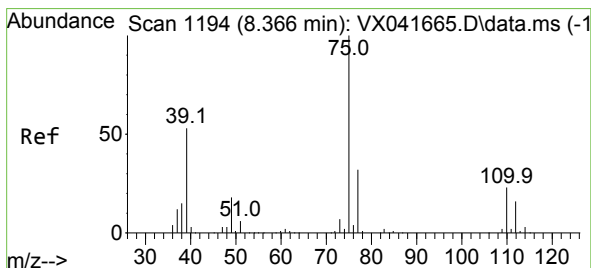
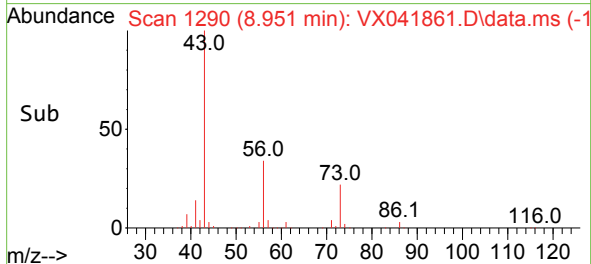
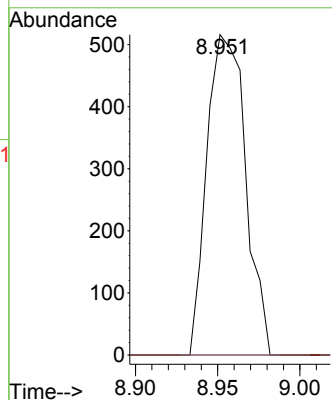
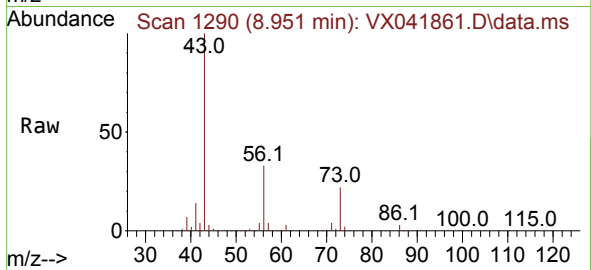




#53
t-1,3-Dichloropropene
Concen: 0.426 ug/l
RT: 8.951 min Scan# 1124
Delta R.T. -0.024 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

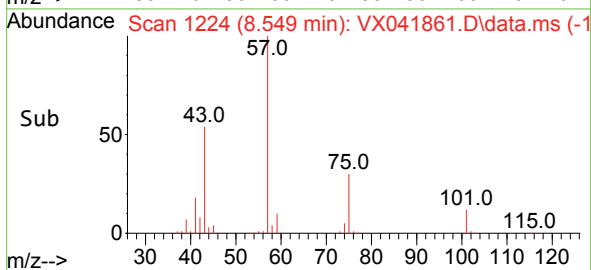
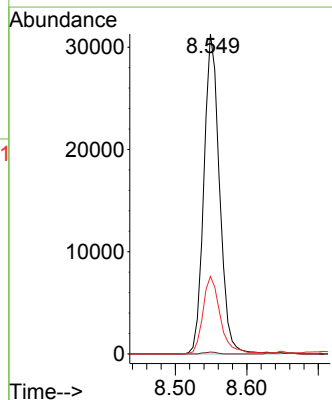
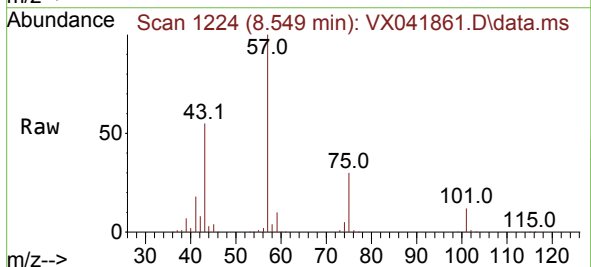
Instrument :
MSVOA_X
ClientSampleId :

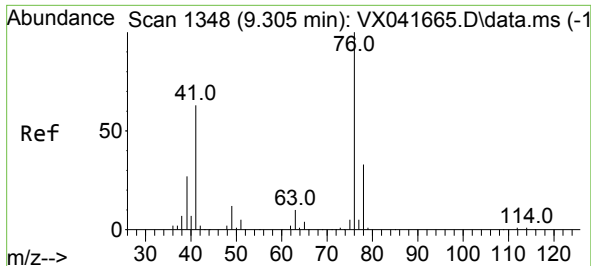
Tgt Ion: 75 Resp: 844
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 21.699 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

Tgt Ion: 75 Resp: 47611
Ion Ratio Lower Upper
75 100
77 0.6 25.3 37.9#
39 24.2 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 2.280 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX041861.D

Acq: 13 Jun 2024 18:01

Instrument :

MSVOA_X

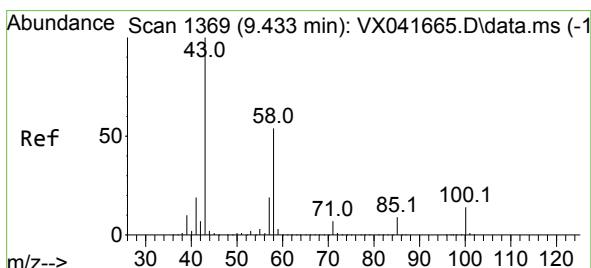
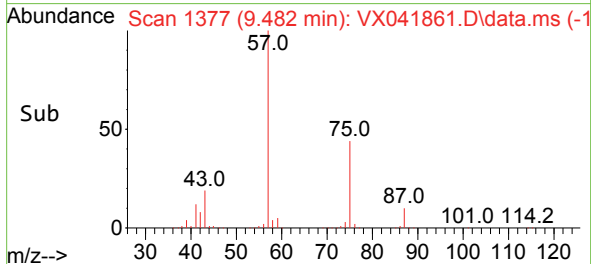
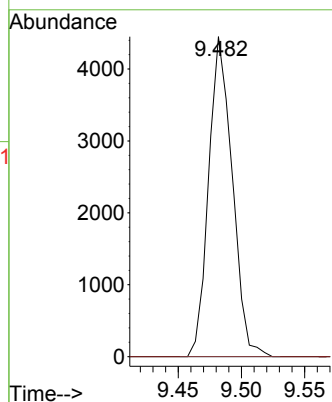
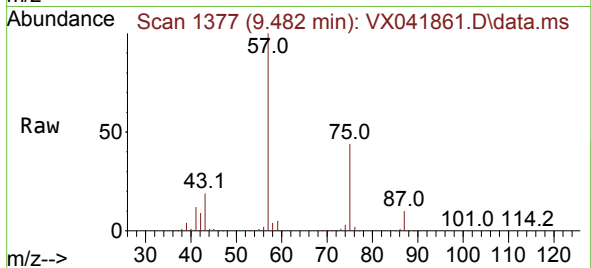
ClientSampleId :

Tgt Ion: 76 Resp: 5779

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 41.238 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX041861.D

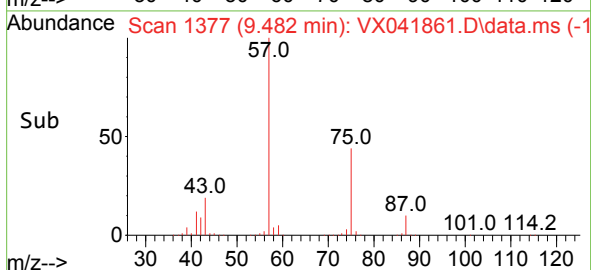
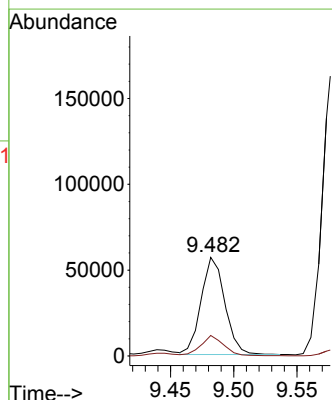
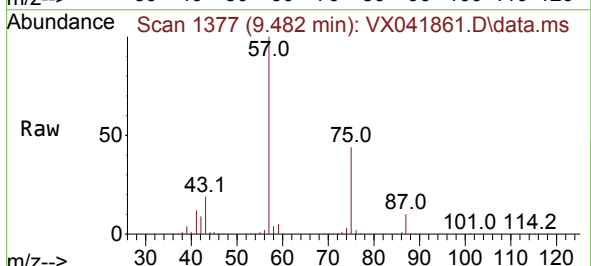
Acq: 13 Jun 2024 18:01

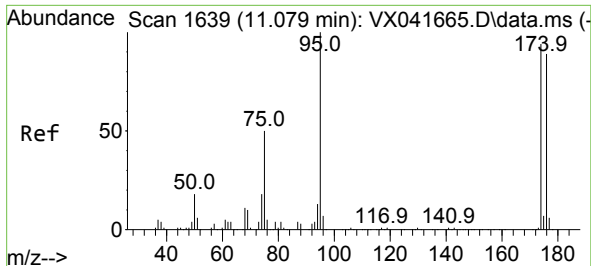
Tgt Ion: 43 Resp: 74161

Ion Ratio Lower Upper

43 100

58 20.9 26.2 78.5#

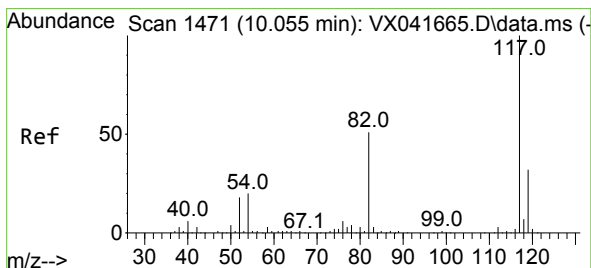
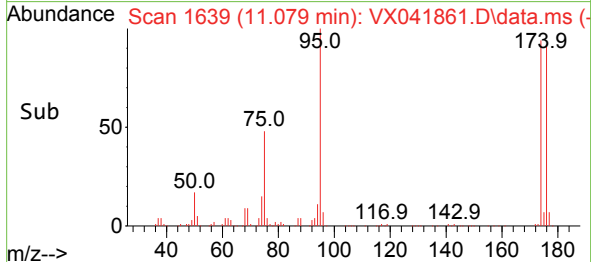
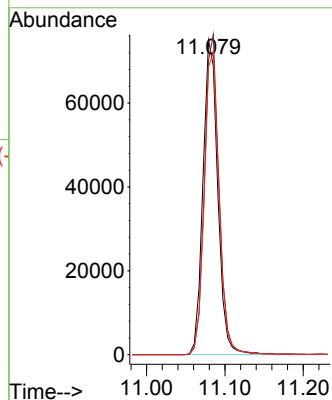
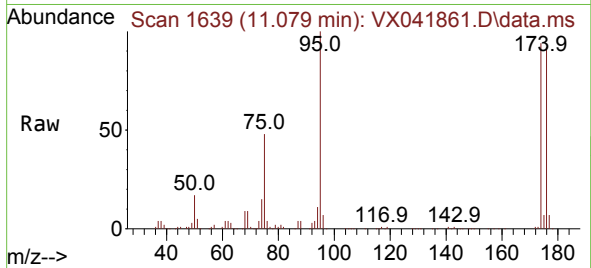




#62
4-Bromofluorobenzene
Concen: 48.409 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

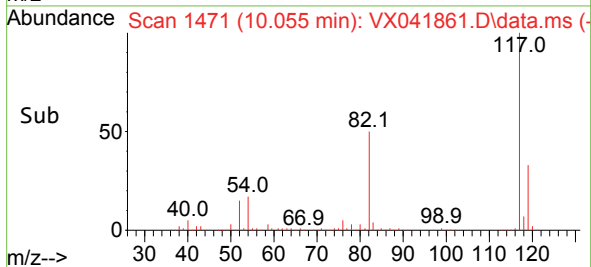
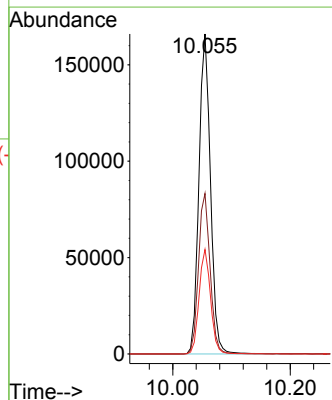
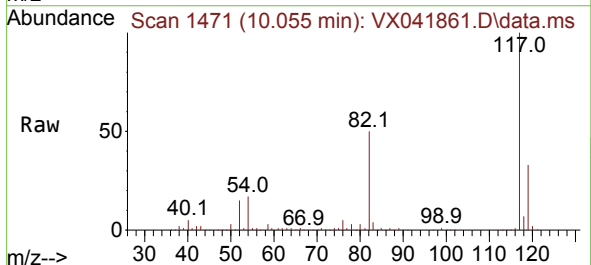
Instrument :
MSVOA_X
ClientSampleId :

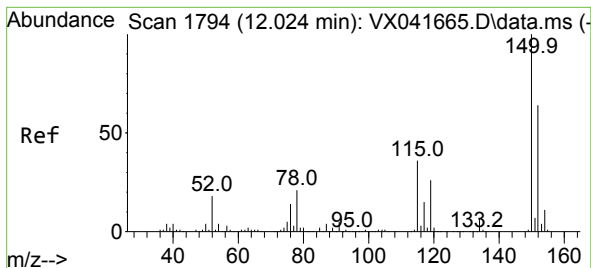
Tgt Ion: 95 Resp: 98431
Ion Ratio Lower Upper
95 100
174 100.4 0.0 135.6
176 96.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041861.D
Acq: 13 Jun 2024 18:01

Tgt Ion: 117 Resp: 226442
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041861.D

Acq: 13 Jun 2024 18:01

Instrument :

MSVOA_X

ClientSampleId :

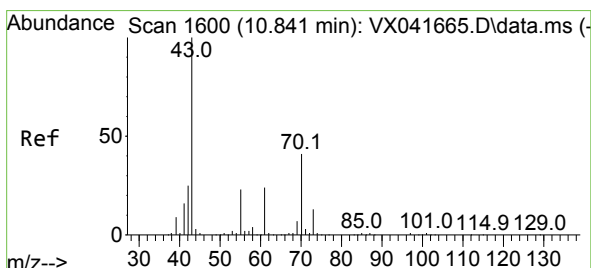
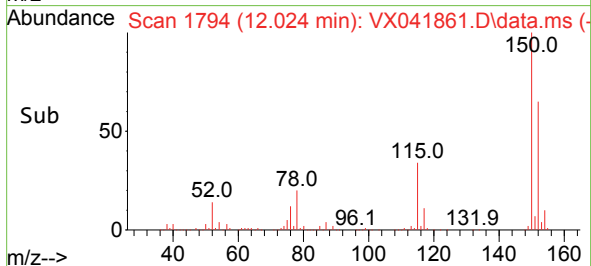
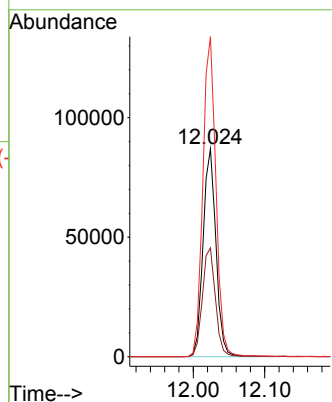
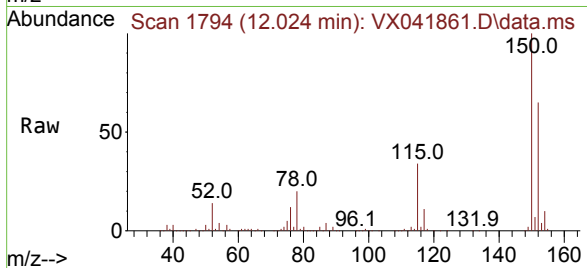
Tgt Ion:152 Resp: 109224

Ion Ratio Lower Upper

152 100

115 53.1 43.3 129.9

150 155.7 0.0 345.0



#74

N-ethyl acetate

Concen: 0.612 ug/l

RT: 10.780 min Scan# 1590

Delta R.T. -0.061 min

Lab File: VX041861.D

Acq: 13 Jun 2024 18:01

Tgt Ion: 43 Resp: 1836

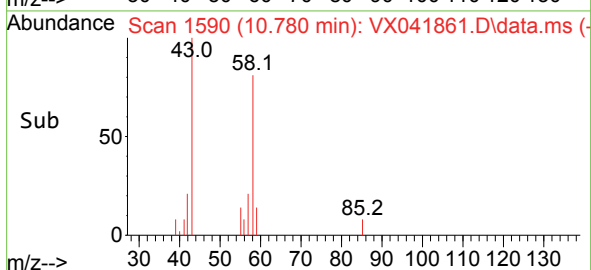
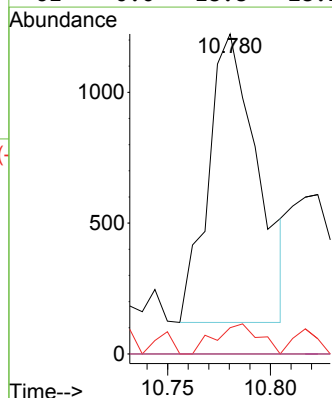
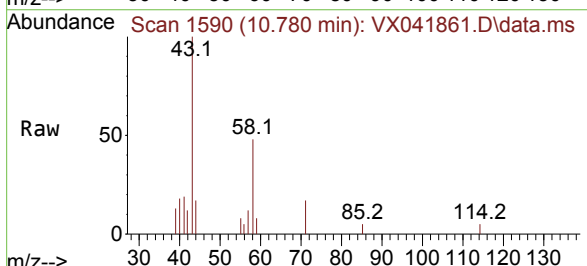
Ion Ratio Lower Upper

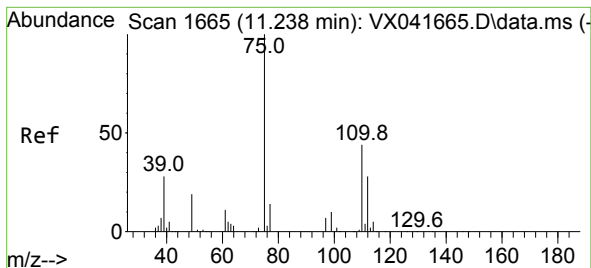
43 100

70 0.0 32.9 49.3#

55 9.3 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 23.626 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041861.D

Acq: 13 Jun 2024 18:01

Instrument :

MSVOA_X

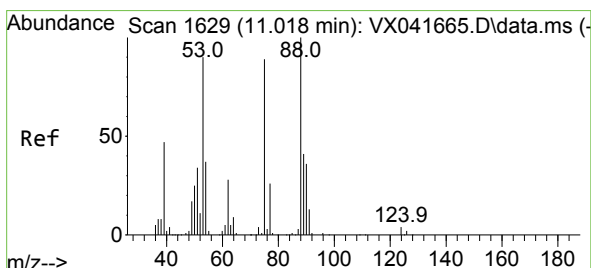
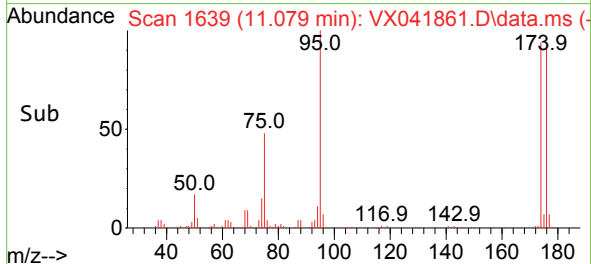
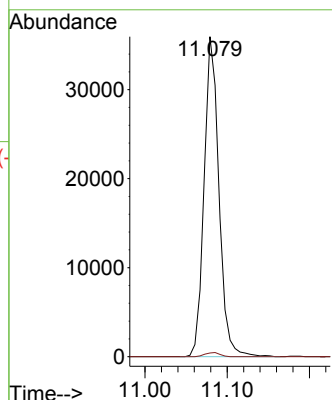
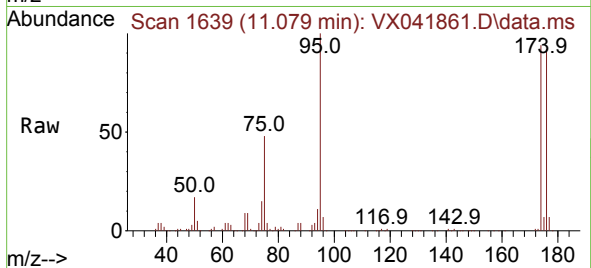
ClientSampleId :

Tgt Ion: 75 Resp: 45025

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.393 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041861.D

Acq: 13 Jun 2024 18:01

Tgt Ion: 75 Resp: 45025

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

