

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041864.D
 Acq On : 13 Jun 2024 19:12
 Operator : JC/MD
 Sample : P2853-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 01:52:52 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)

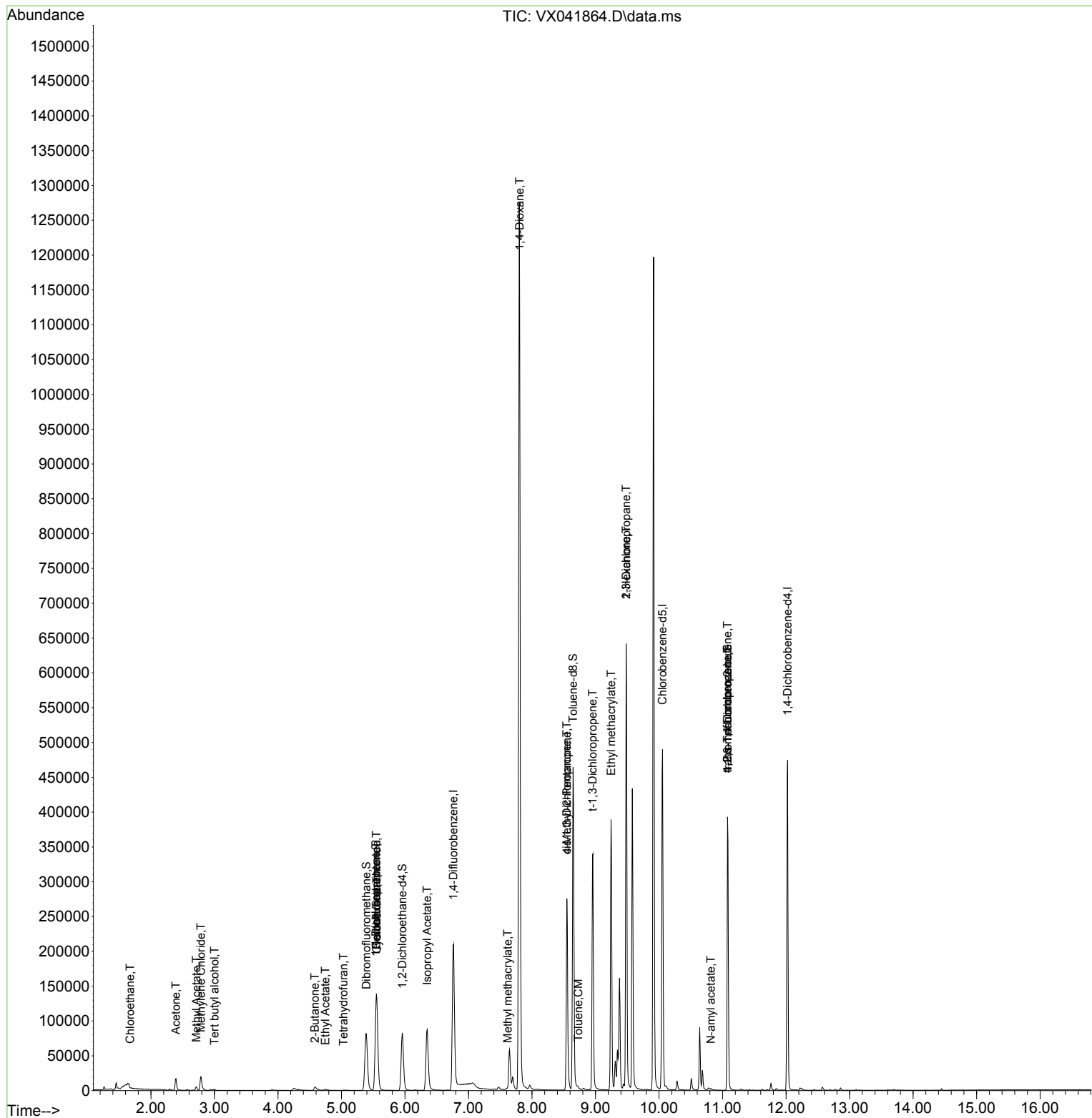
Internal Standards						
1) Pentafluorobenzene	5.550	168	154279	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	236657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76638	40.502	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.000%		
35) Dibromofluoromethane	5.391	113	74203	45.350	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.700%		
50) Toluene-d8	8.647	98	285759	49.982	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	105157	49.835	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.660%		
Target Compounds						
						Qvalue
6) Chloroethane	1.673	64	290	0.315	ug/l	# 43
11) Tert butyl alcohol	3.002	59	2143	6.402	ug/l	100
16) Acetone	2.392	43	19330	20.609	ug/l	# 89
18) Methyl Acetate	2.715	43	7177	3.972	ug/l	99
20) Methylene Chloride	2.788	84	11375	6.718	ug/l	89
25) 2-Butanone	4.581	43	10734	9.127	ug/l	100
29) Tetrahydrofuran	5.032	42	226	0.305	ug/l	# 34
31) Cyclohexane	5.556	56	2058	0.921	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8818	4.451	ug/l	# 51
37) Ethyl Acetate	4.745	43	3339	1.335	ug/l	# 74
38) Carbon Tetrachloride	5.550	117	12891	5.727	ug/l	# 16
43) Isopropyl Acetate	6.348	43	123660	32.758	ug/l	95
48) Methyl methacrylate	7.617	41	4333	2.390	ug/l	# 16
49) 1,4-Dioxane	7.806	88	178	4.494	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	89242	36.456	ug/l	# 52
52) Toluene	8.726	92	1103	0.281	ug/l	96
53) t-1,3-Dichloropropene	8.952	75	793	0.385	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	47327	20.785	ug/l	# 51
56) Ethyl methacrylate	9.244	69	1253	0.518	ug/l	# 1
57) 1,3-Dichloropropane	9.482	76	5888	2.239	ug/l	# 42
59) 2-Hexanone	9.482	43	72427	38.808	ug/l	# 56
74) N-amyl acetate	10.817	43	659	0.208	ug/l	# 48
76) 1,2,3-Trichloropropane	11.079	75	47769	23.778	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47769	64.808	ug/l	# 5

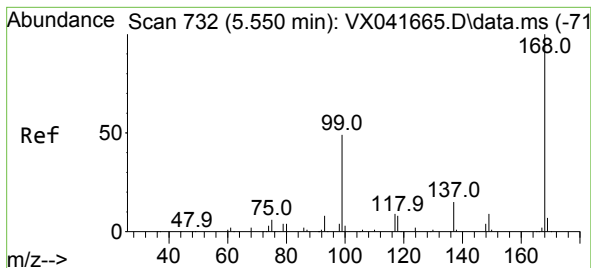
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 14 01:52:52 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: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX041864.D

Acq: 13 Jun 2024 19:12

Instrument :

MSVOA_X

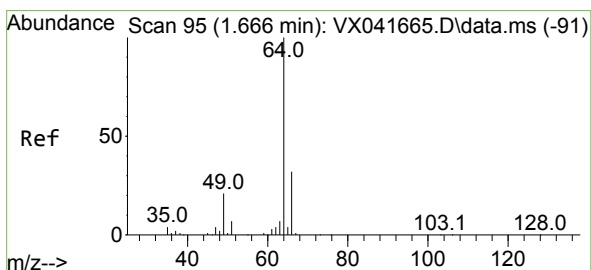
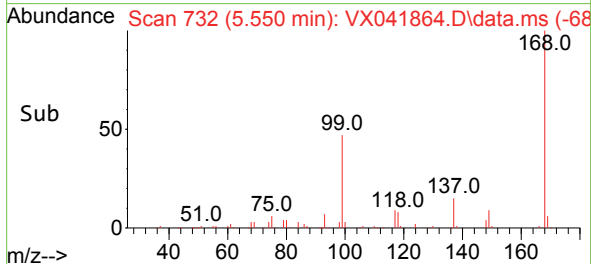
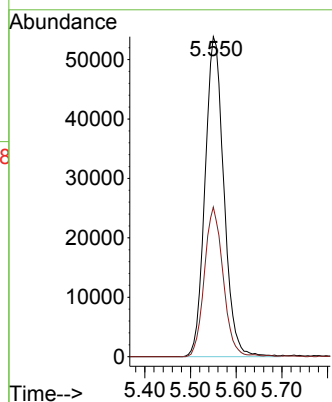
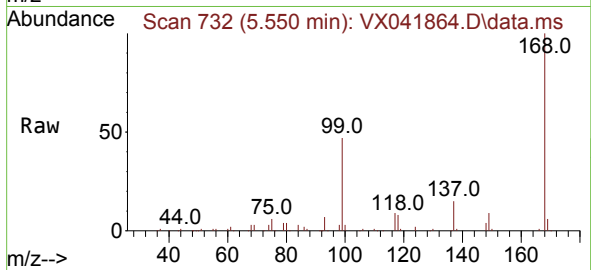
ClientSampleId :

Tgt Ion:168 Resp: 154279

Ion Ratio Lower Upper

168 100

99 46.7 56.6 85.0#



#6

Chloroethane

Concen: 0.315 ug/l

RT: 1.673 min Scan# 96

Delta R.T. 0.006 min

Lab File: VX041864.D

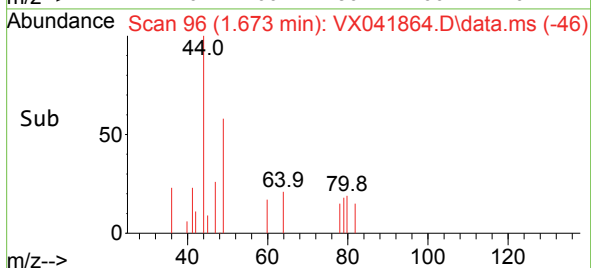
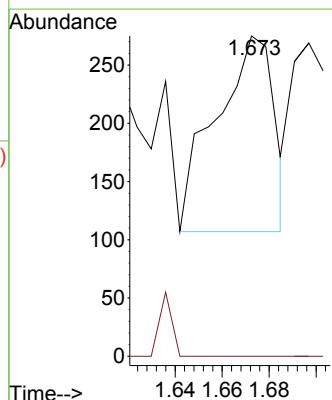
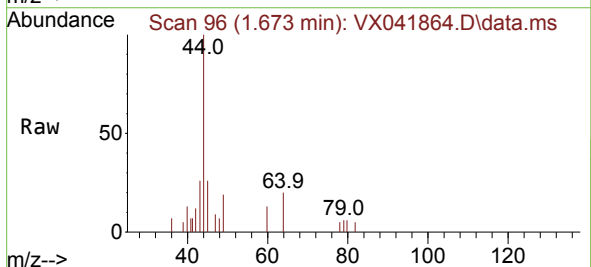
Acq: 13 Jun 2024 19:12

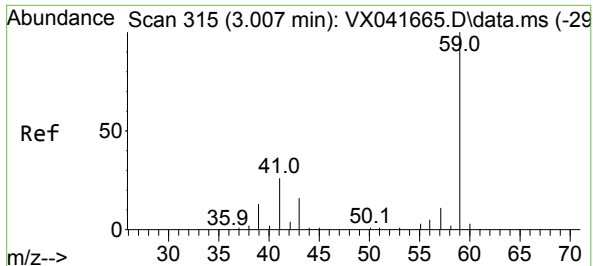
Tgt Ion: 64 Resp: 290

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 6.402 ug/l

RT: 3.002 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX041864.D

Acq: 13 Jun 2024 19:12

Instrument :

MSVOA_X

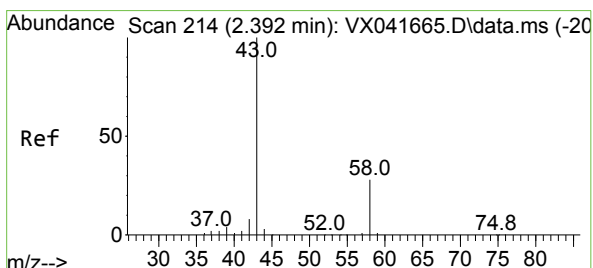
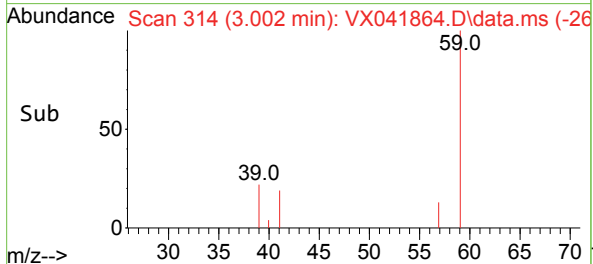
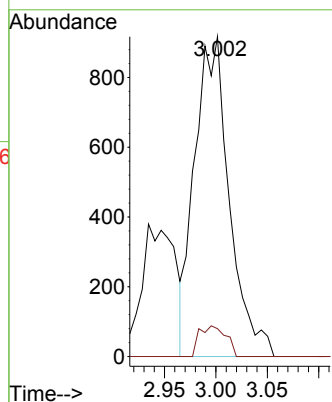
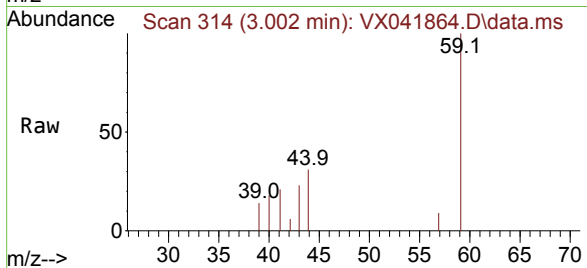
ClientSampleId :

Tgt Ion: 59 Resp: 2143

Ion Ratio Lower Upper

59 100

57 7.4 6.0 9.0



#16

Acetone

Concen: 20.609 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041864.D

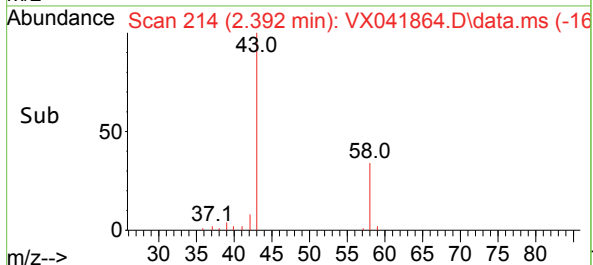
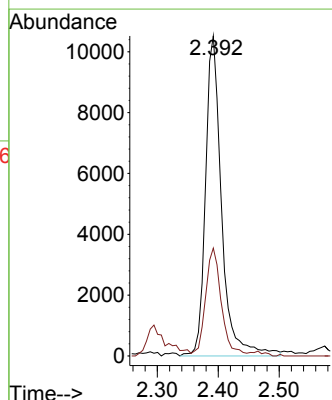
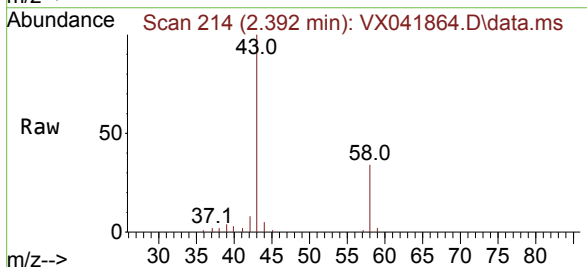
Acq: 13 Jun 2024 19:12

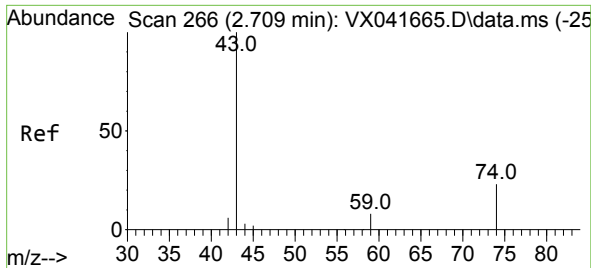
Tgt Ion: 43 Resp: 19330

Ion Ratio Lower Upper

43 100

58 33.2 21.9 32.9#

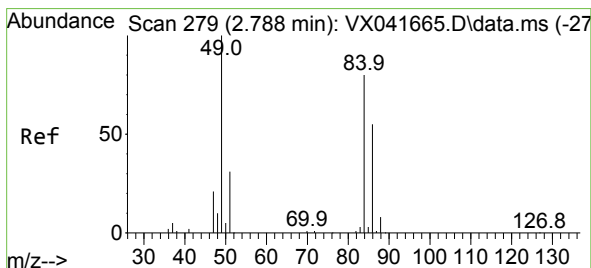
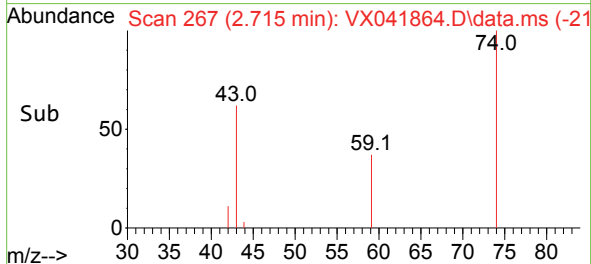
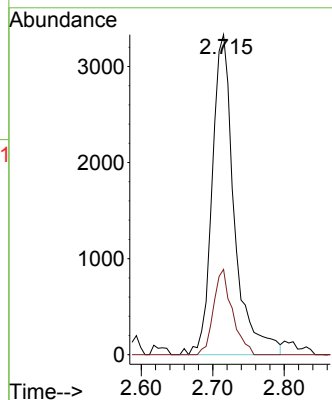
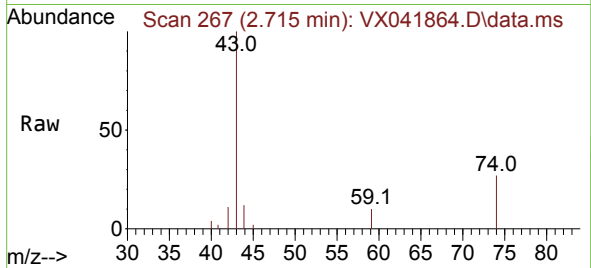




#18
Methyl Acetate
Concen: 3.972 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

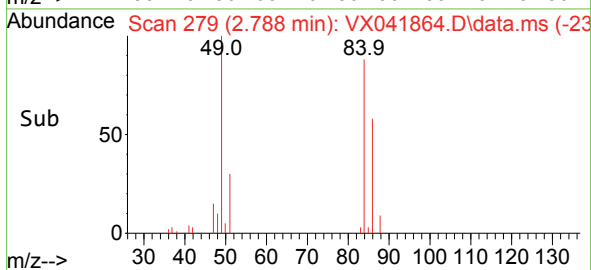
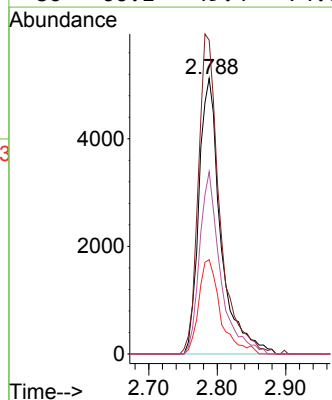
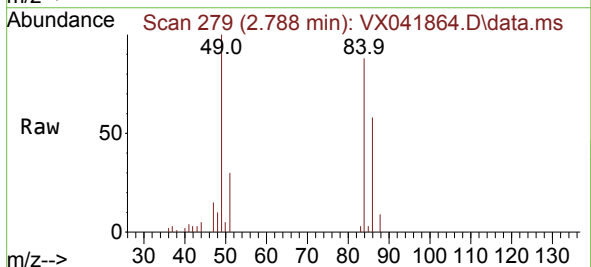
Instrument :
MSVOA_X
ClientSampleId :

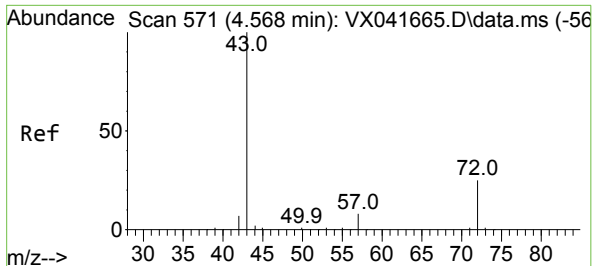
Tgt Ion: 43 Resp: 7177
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8



#20
Methylene Chloride
Concen: 6.718 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

Tgt Ion: 84 Resp: 11375
Ion Ratio Lower Upper
84 100
49 113.9 103.6 155.4
51 34.2 33.8 50.6
86 66.1 49.4 74.0

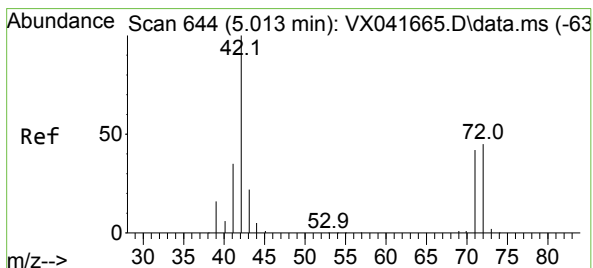
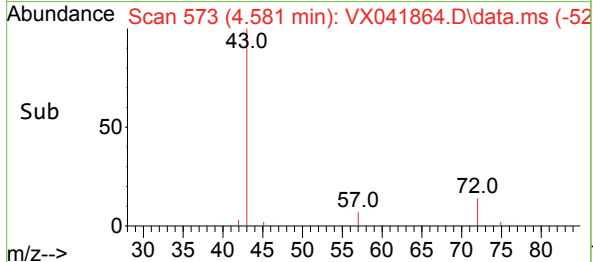
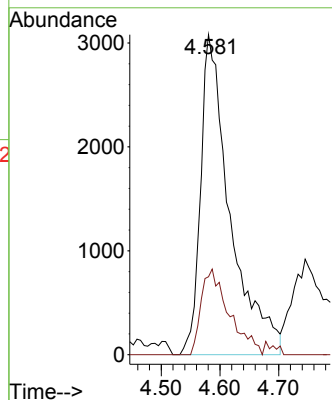
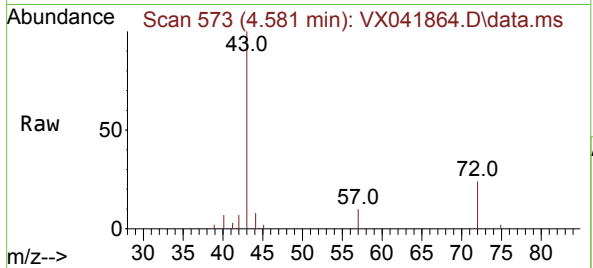




#25
2-Butanone
Concen: 9.127 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

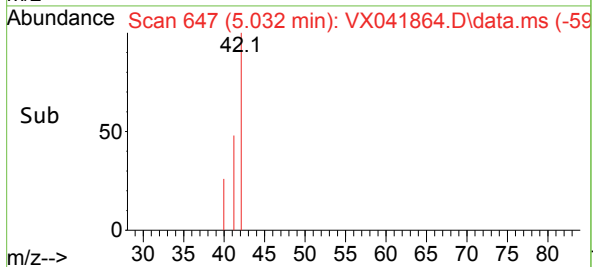
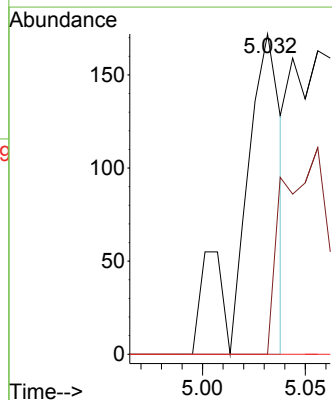
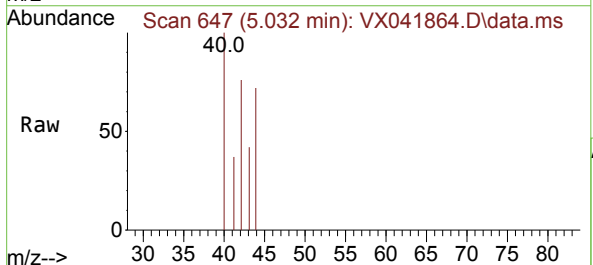
Instrument :
MSVOA_X
ClientSampleId :

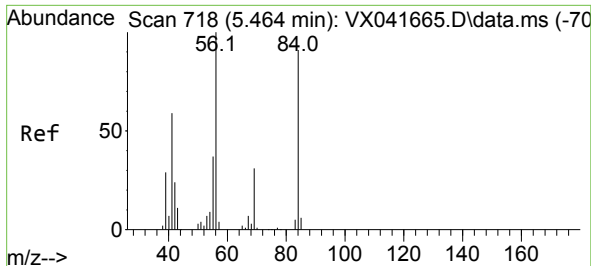
Tgt Ion: 43 Resp: 10734
Ion Ratio Lower Upper
43 100
72 24.4 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.305 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

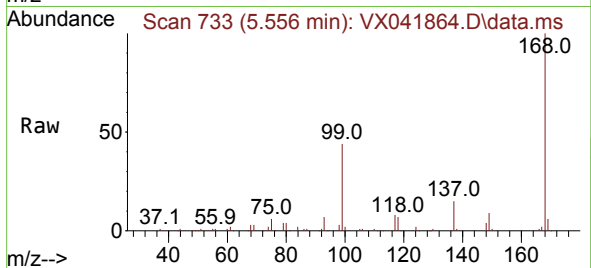
Tgt Ion: 42 Resp: 226
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#



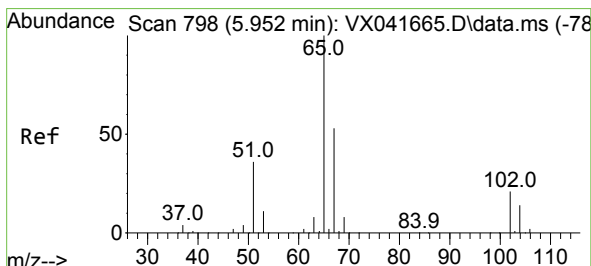
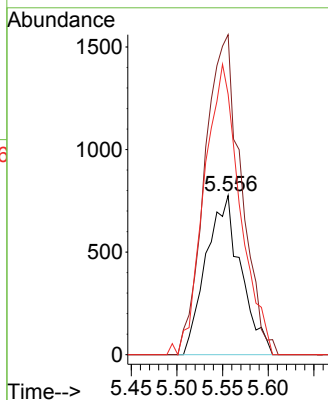
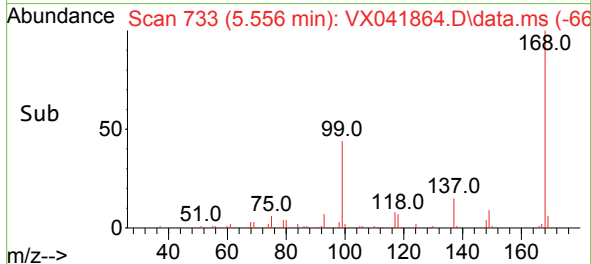


#31
Cyclohexane
Concen: 0.921 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

Instrument :
MSVOA_X
ClientSampleId :

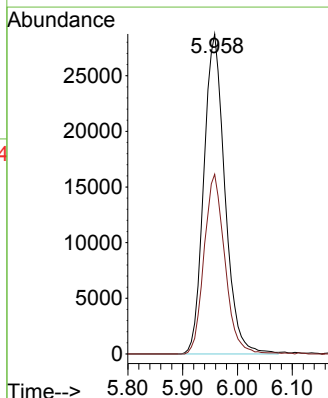
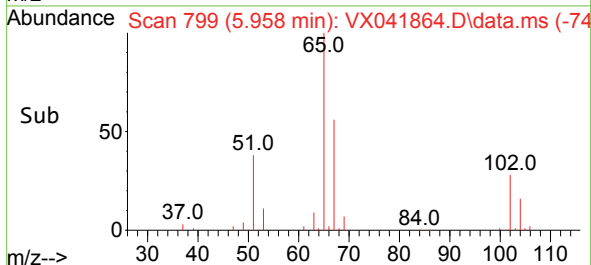
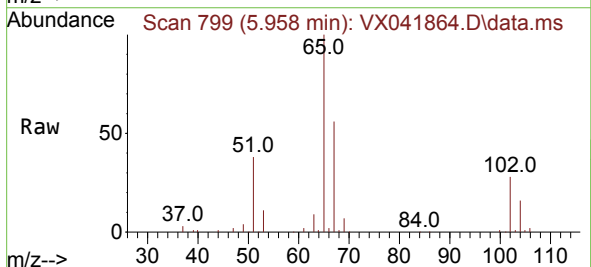


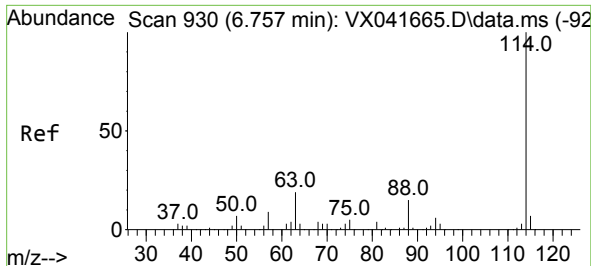
Tgt Ion: 56 Resp: 2058
Ion Ratio Lower Upper
56 100
69 201.0 23.4 35.2#
84 163.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 40.502 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

Tgt Ion: 65 Resp: 76638
Ion Ratio Lower Upper
65 100
67 55.5 0.0 100.2

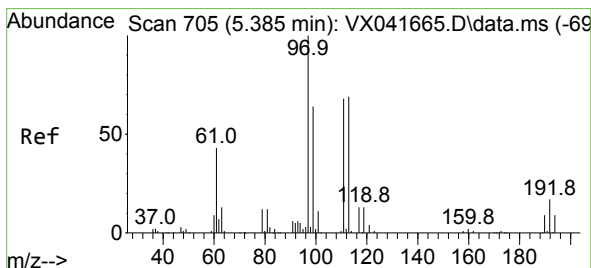
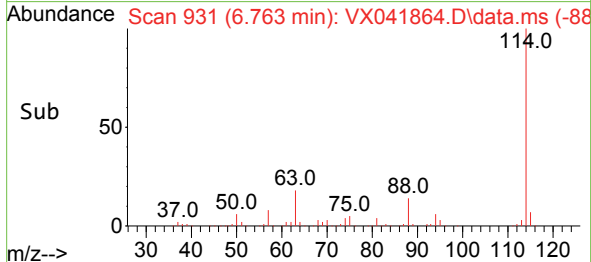
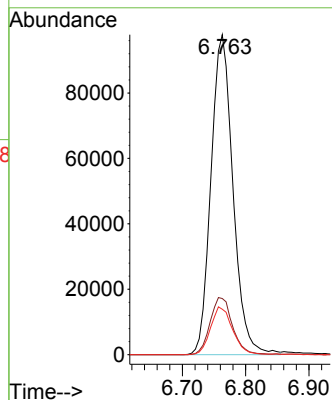
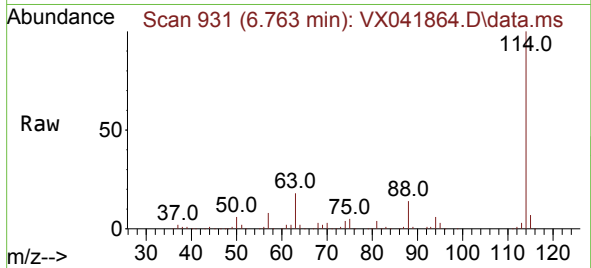




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

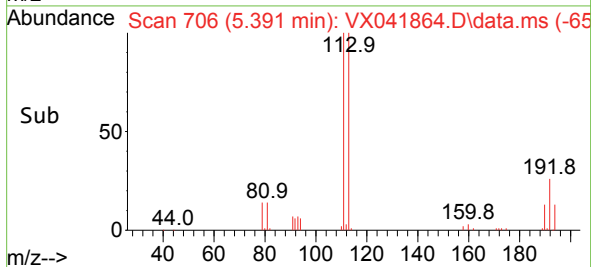
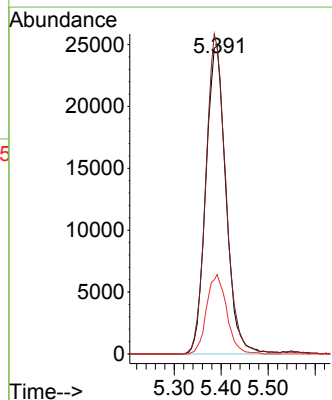
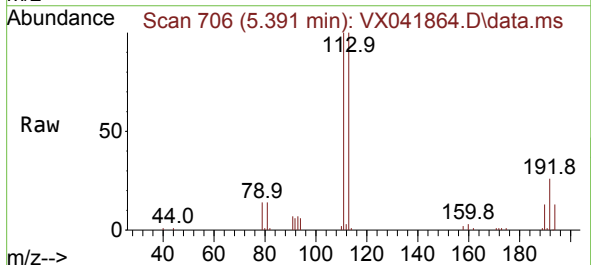
Instrument :
MSVOA_X
ClientSampleId :

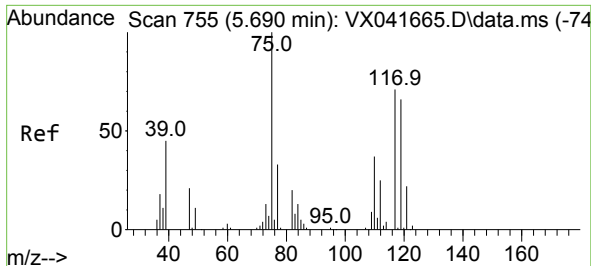
Tgt Ion:114 Resp: 236657
Ion Ratio Lower Upper
114 100
63 17.5 0.0 45.0
88 14.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.350 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

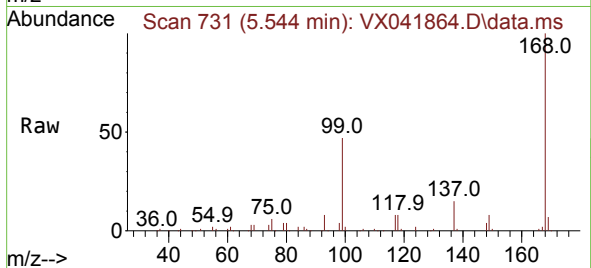
Tgt Ion:113 Resp: 74203
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 25.7 13.3 19.9#



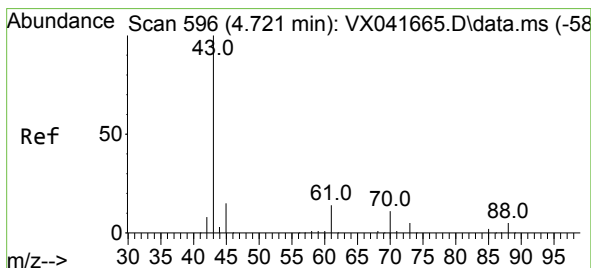
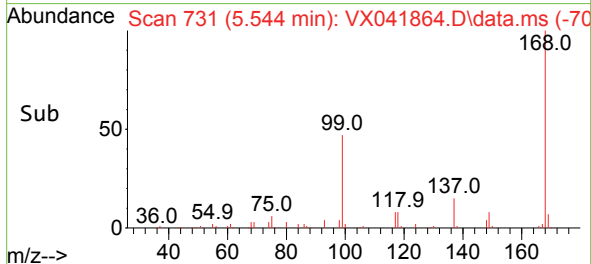
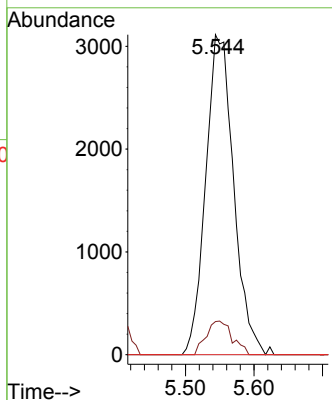


#36
1,1-Dichloropropene
Concen: 4.451 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

Instrument :
MSVOA_X
ClientSampleId :

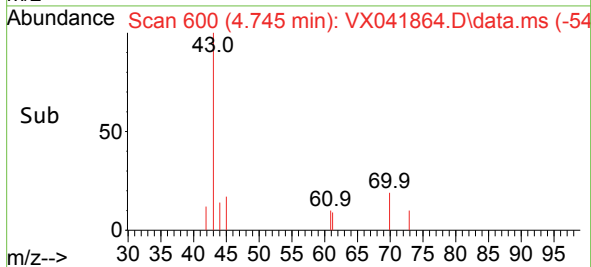
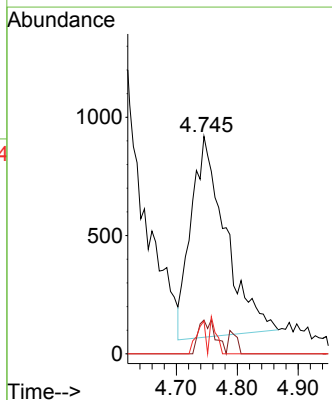
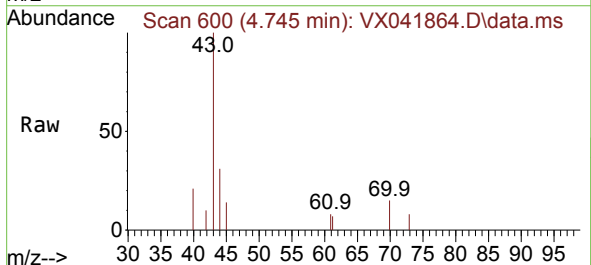


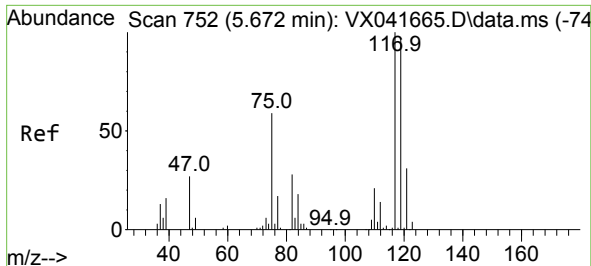
Tgt Ion: 75 Resp: 8818
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.335 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.025 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

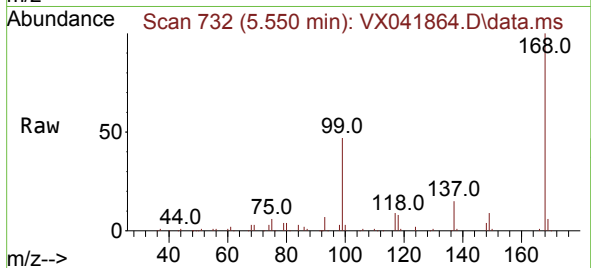
Tgt Ion: 43 Resp: 3339
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 4.2 8.3 12.5#



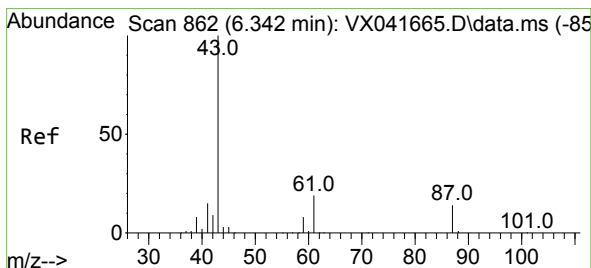
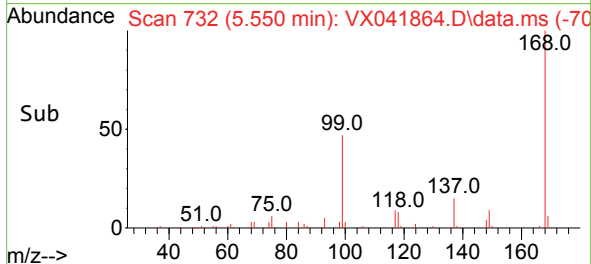
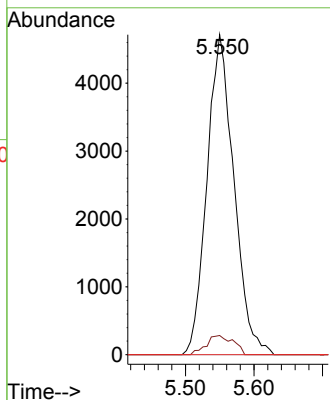


#38
Carbon Tetrachloride
Concen: 5.727 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

Instrument :
MSVOA_X
ClientSampleId :

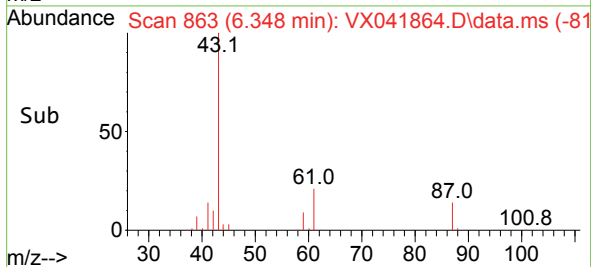
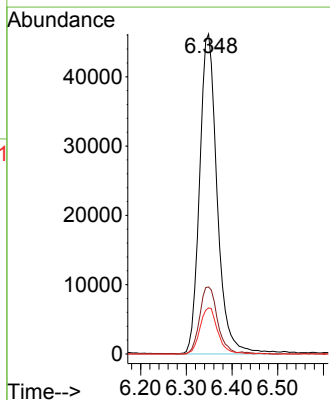
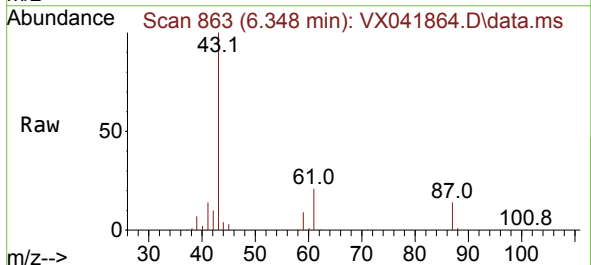


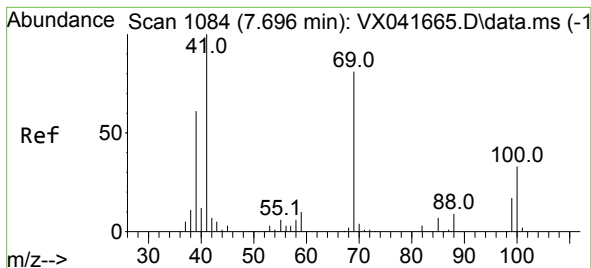
Tgt Ion:117 Resp: 12891
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 32.758 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

Tgt Ion: 43 Resp: 123660
Ion Ratio Lower Upper
43 100
61 21.2 15.2 22.8
87 14.4 9.8 14.6





#48

Methyl methacrylate

Concen: 2.390 ug/l

RT: 7.617 min Scan# 1102

Delta R.T. -0.079 min

Lab File: VX041864.D

Acq: 13 Jun 2024 19:12

Instrument :

MSVOA_X

ClientSampleId :

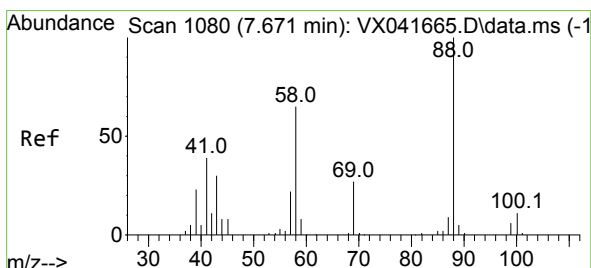
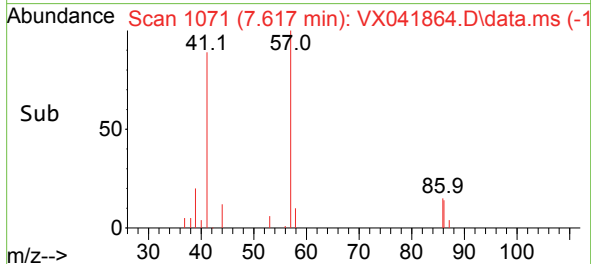
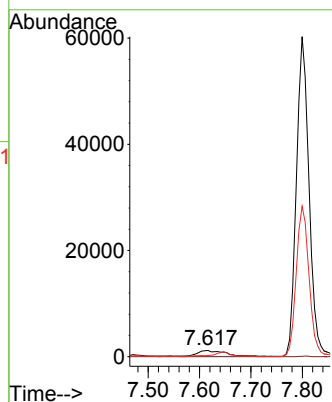
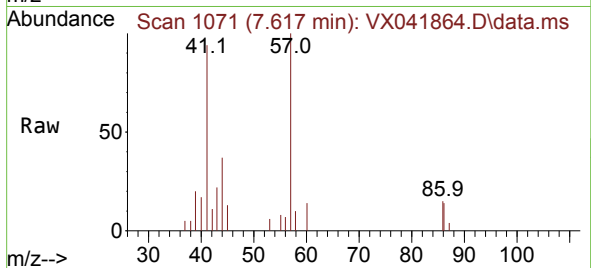
Tgt Ion: 41 Resp: 4333

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 0.0 47.7 71.5#



#49

1,4-Dioxane

Concen: 4.494 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.134 min

Lab File: VX041864.D

Acq: 13 Jun 2024 19:12

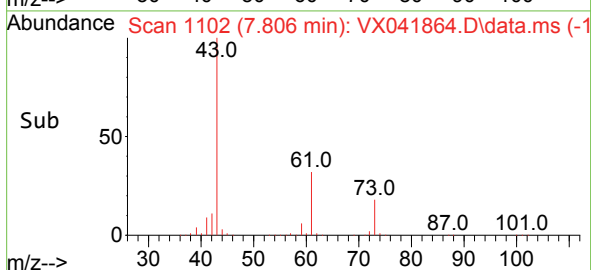
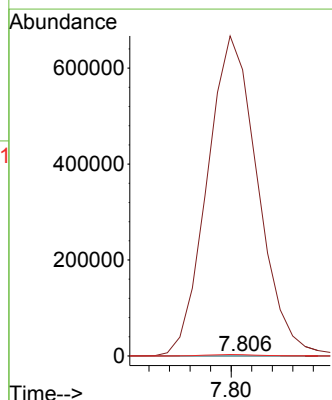
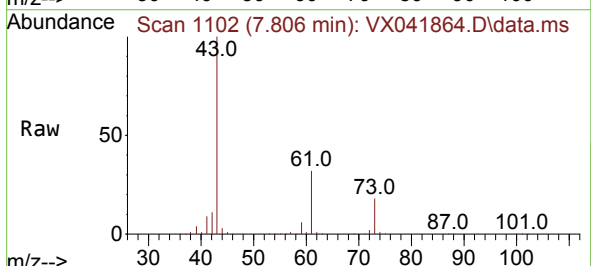
Tgt Ion: 88 Resp: 178

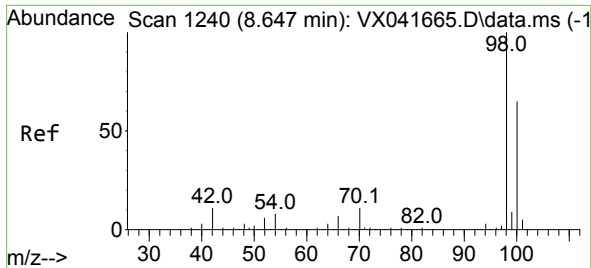
Ion Ratio Lower Upper

88 100

43 649248.9 0.0 0.0#

58 2998.9 60.1 90.1#

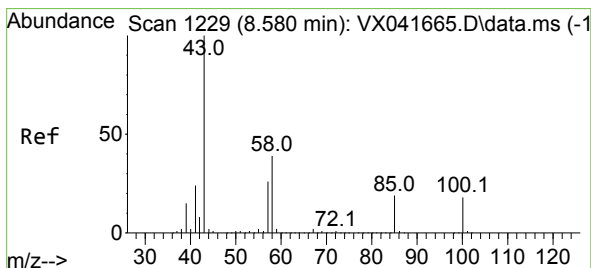
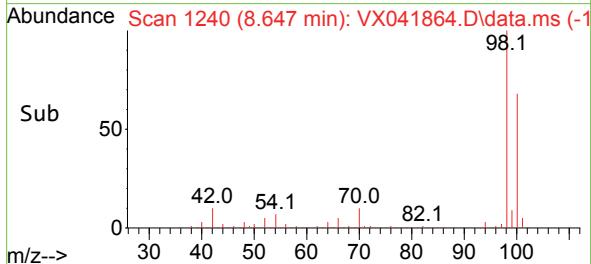
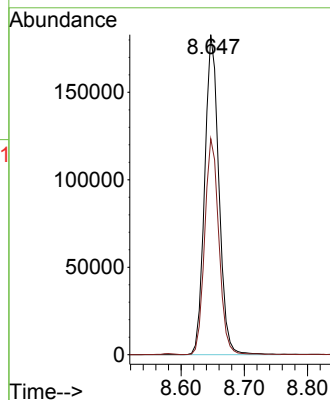
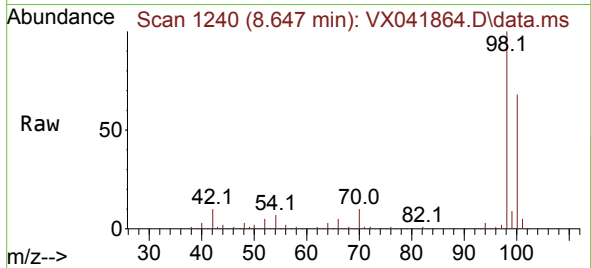




#50
Toluene-d8
Concen: 49.982 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

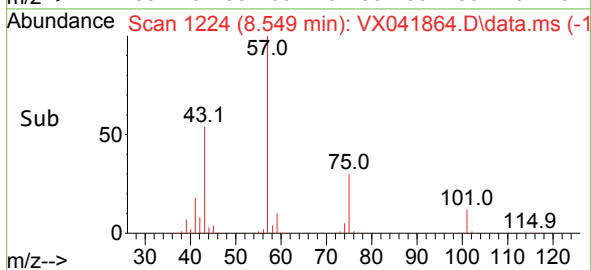
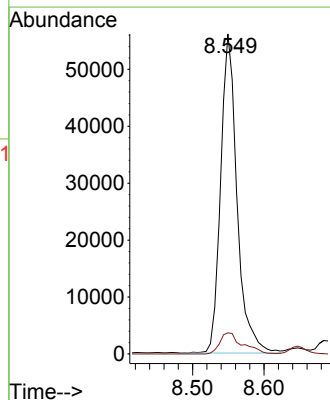
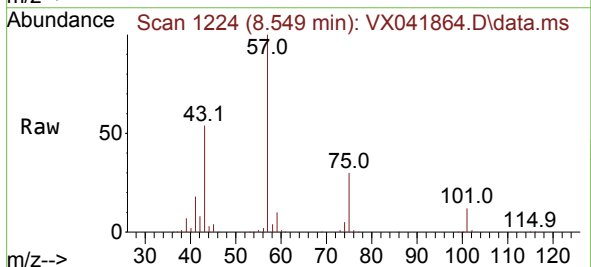
Instrument :
MSVOA_X
ClientSampleId :

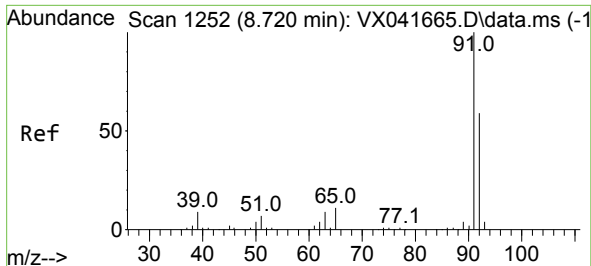
Tgt Ion: 98 Resp: 285759
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 36.456 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

Tgt Ion: 43 Resp: 89242
Ion Ratio Lower Upper
43 100
58 9.2 30.4 45.6#

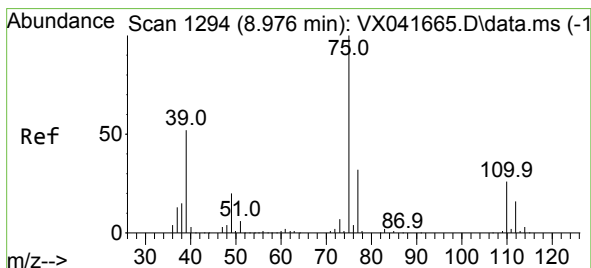
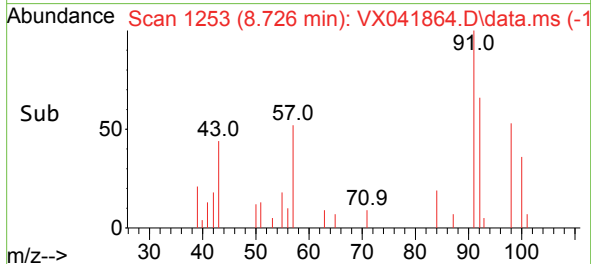
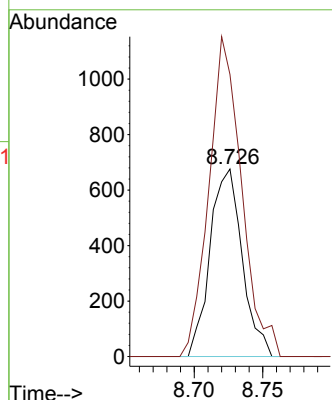
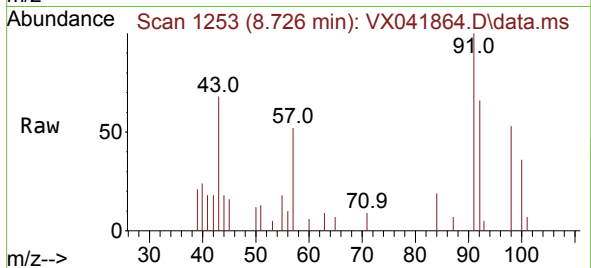




#52
Toluene
Concen: 0.281 ug/l
RT: 8.726 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

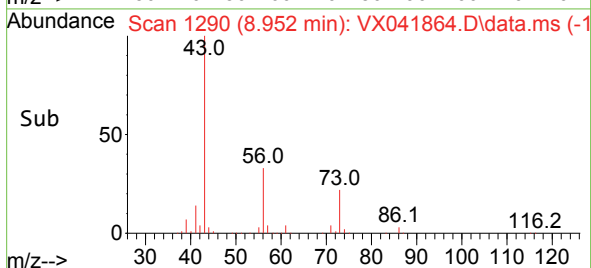
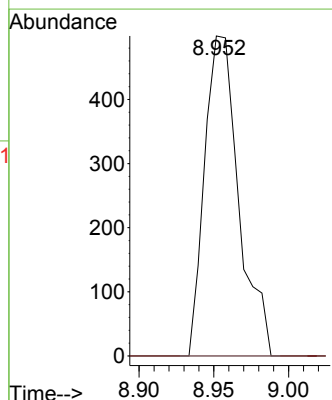
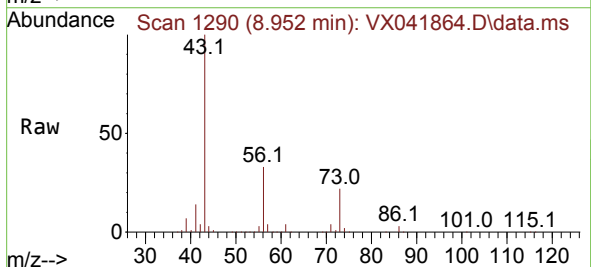
Instrument :
MSVOA_X
ClientSampleId :

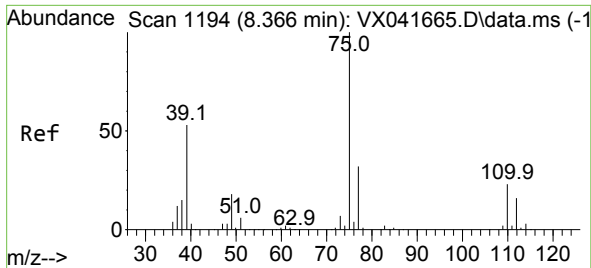
Tgt Ion: 92 Resp: 1103
Ion Ratio Lower Upper
92 100
91 173.4 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.385 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

Tgt Ion: 75 Resp: 793
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

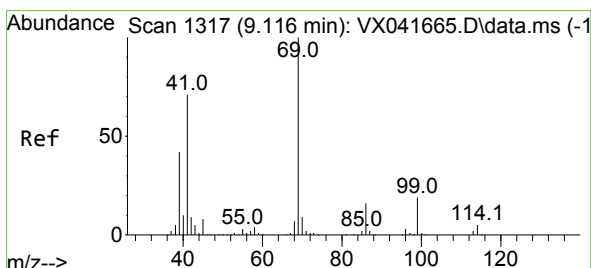
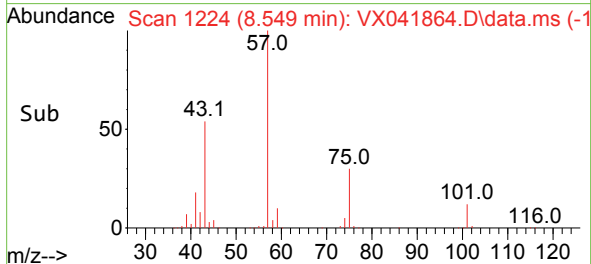
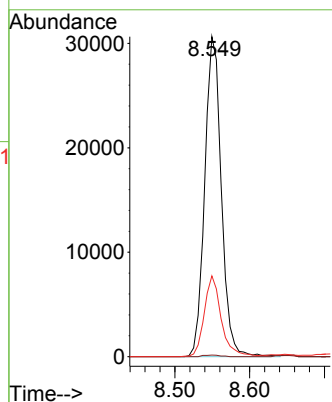
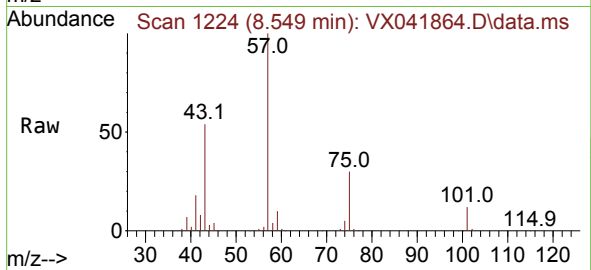




#54
cis-1,3-Dichloropropene
Concen: 20.785 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

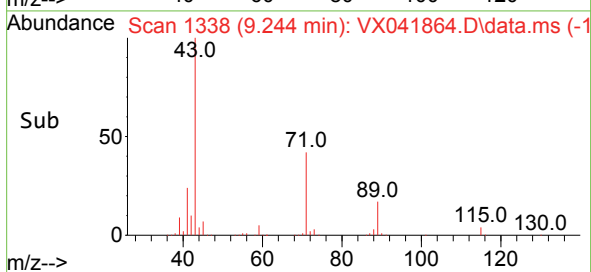
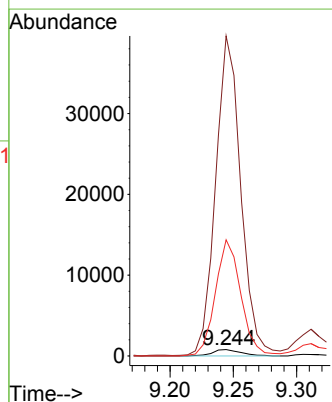
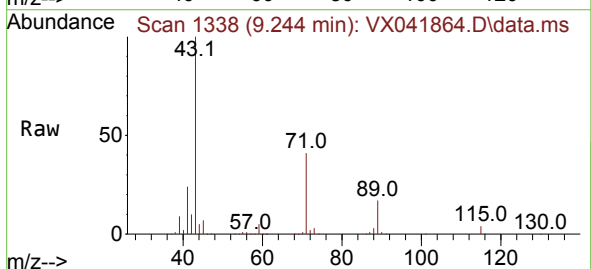
Instrument :
MSVOA_X
ClientSampleId :

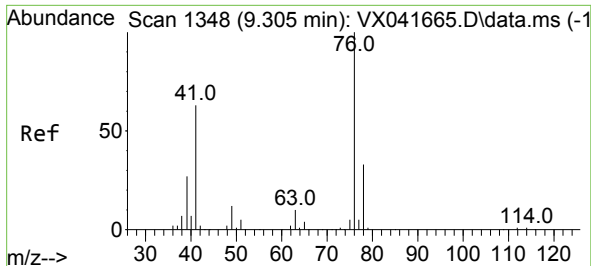
Tgt Ion: 75 Resp: 47327
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 25.3 46.7 70.1#



#56
Ethyl methacrylate
Concen: 0.518 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

Tgt Ion: 69 Resp: 1253
Ion Ratio Lower Upper
69 100
41 4359.3 56.8 85.2#
39 1607.7 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 2.239 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX041864.D

Acq: 13 Jun 2024 19:12

Instrument :

MSVOA_X

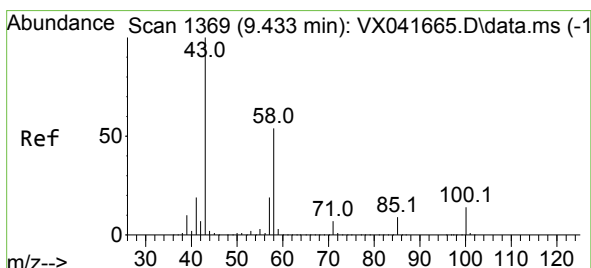
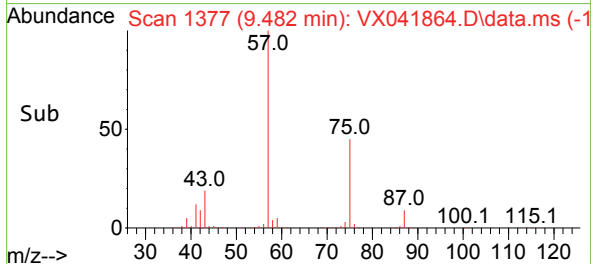
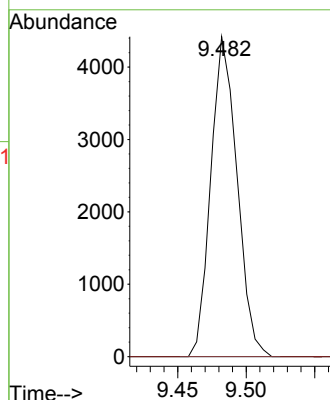
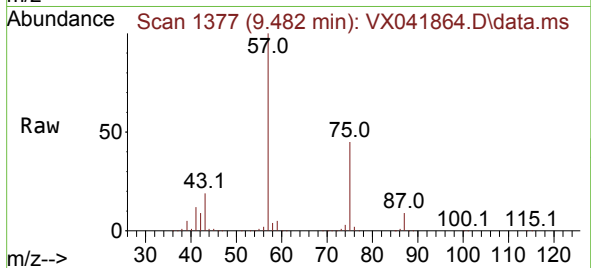
ClientSampleId :

Tgt Ion: 76 Resp: 5888

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 38.808 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX041864.D

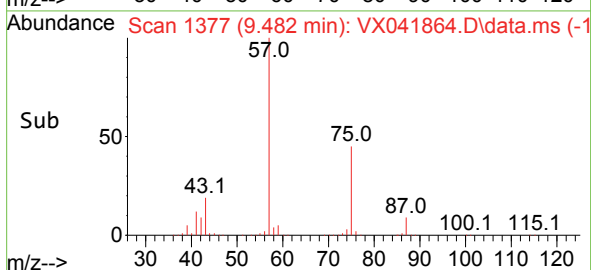
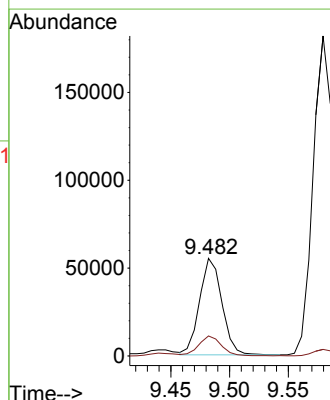
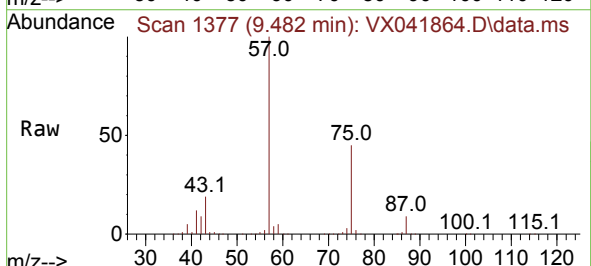
Acq: 13 Jun 2024 19:12

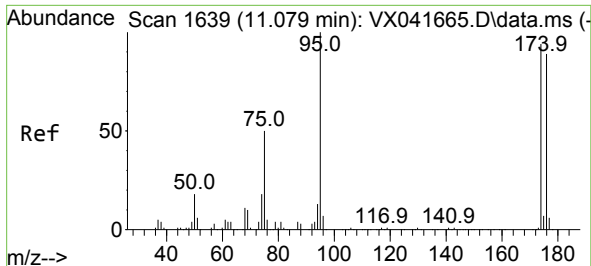
Tgt Ion: 43 Resp: 72427

Ion Ratio Lower Upper

43 100

58 21.6 26.2 78.5#

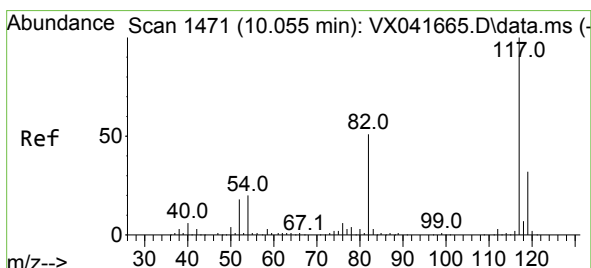
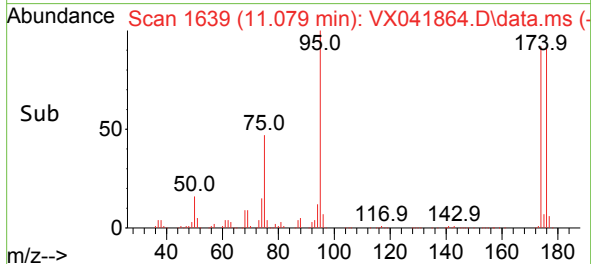
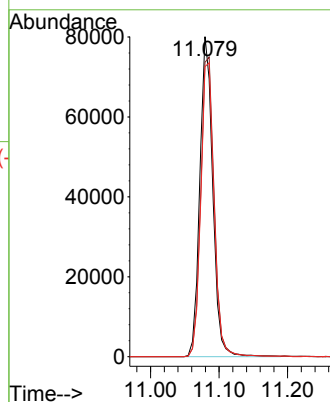
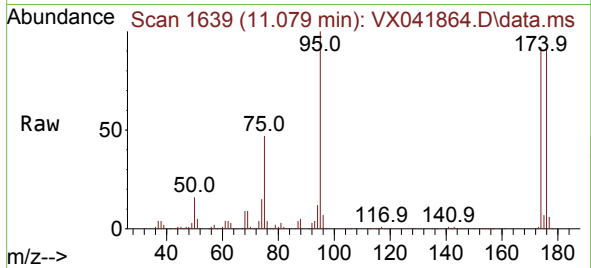




#62
4-Bromofluorobenzene
Concen: 49.835 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

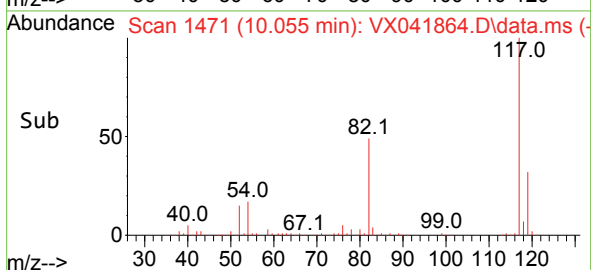
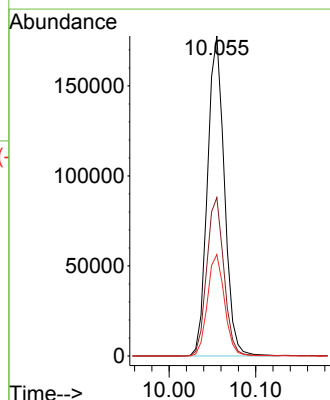
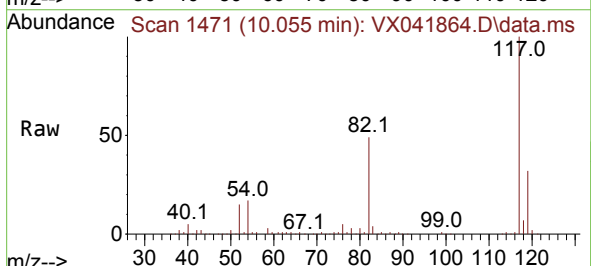
Instrument :
MSVOA_X
ClientSampleId :

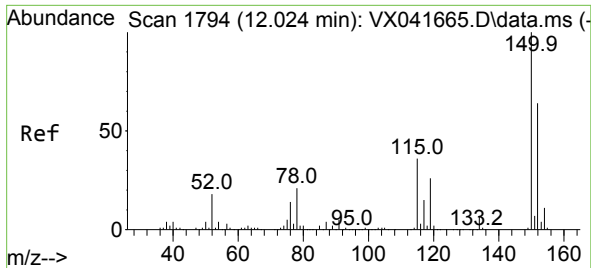
Tgt Ion: 95 Resp: 105157
Ion Ratio Lower Upper
95 100
174 98.1 0.0 135.6
176 94.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

Tgt Ion: 117 Resp: 241126
Ion Ratio Lower Upper
117 100
82 49.5 46.2 69.4
119 31.7 25.5 38.3

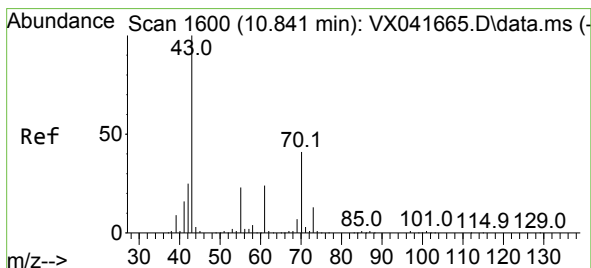
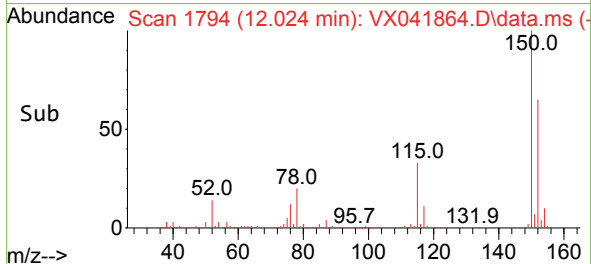
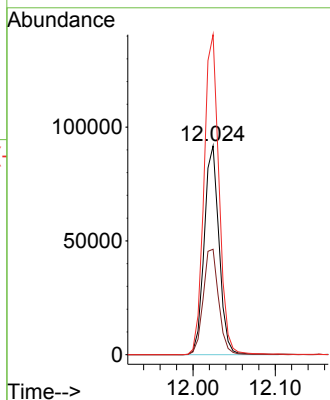
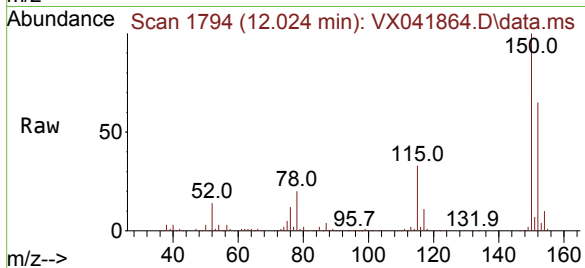




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

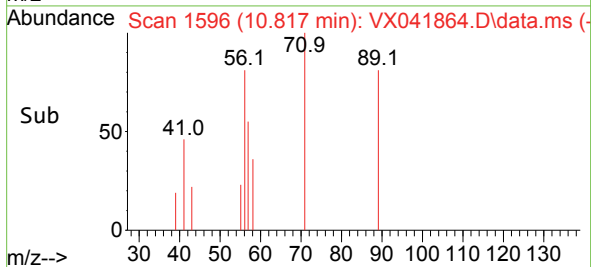
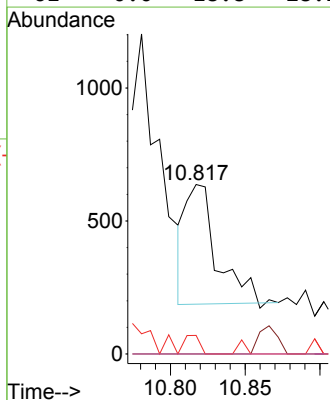
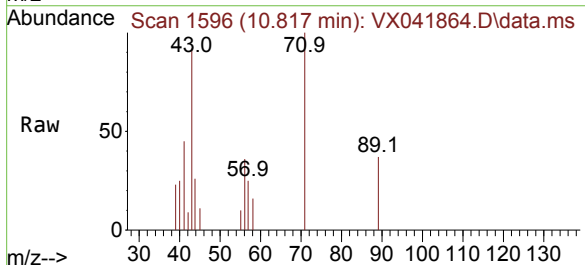
Instrument :
MSVOA_X
ClientSampleId :

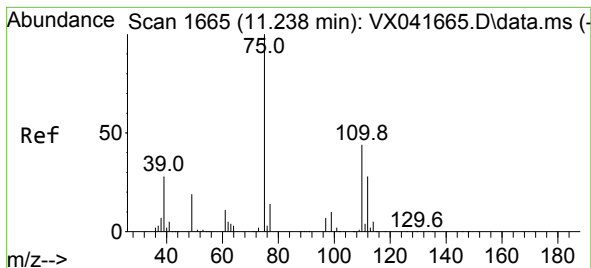
Tgt Ion:152 Resp: 115139
Ion Ratio Lower Upper
152 100
115 52.6 43.3 129.9
150 155.5 0.0 345.0



#74
N-ethyl acetate
Concen: 0.208 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX041864.D
Acq: 13 Jun 2024 19:12

Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 7.7 19.3 28.9#
61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 23.778 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041864.D

Acq: 13 Jun 2024 19:12

Instrument :

MSVOA_X

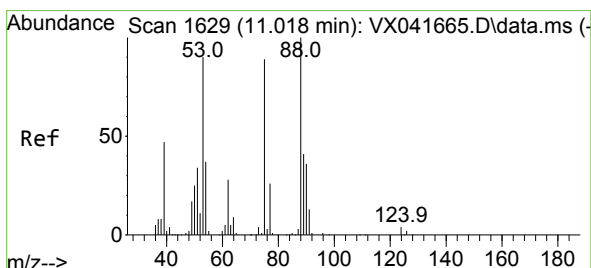
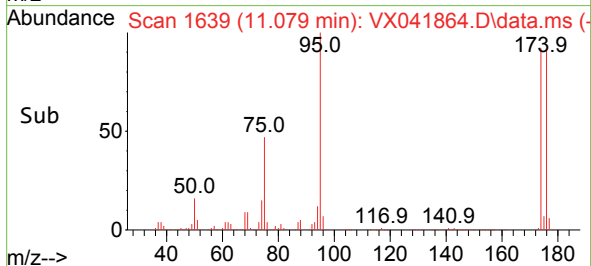
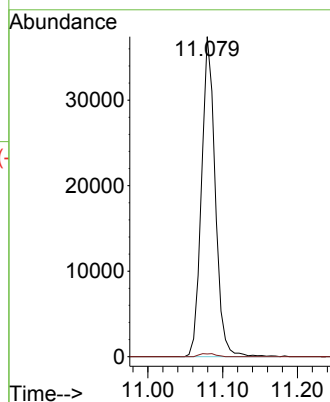
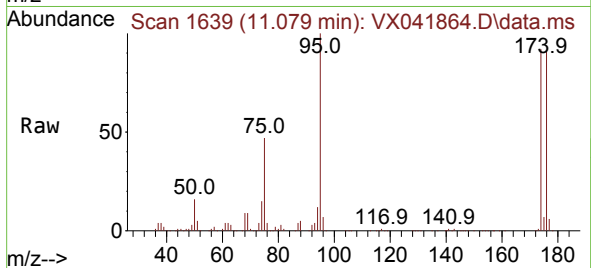
ClientSampleId :

Tgt Ion: 75 Resp: 47769

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.808 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041864.D

Acq: 13 Jun 2024 19:12

Tgt Ion: 75 Resp: 47769

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

