

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041862.D
 Acq On : 13 Jun 2024 18:25
 Operator : JC/MD
 Sample : P2853-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 01:51:47 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)

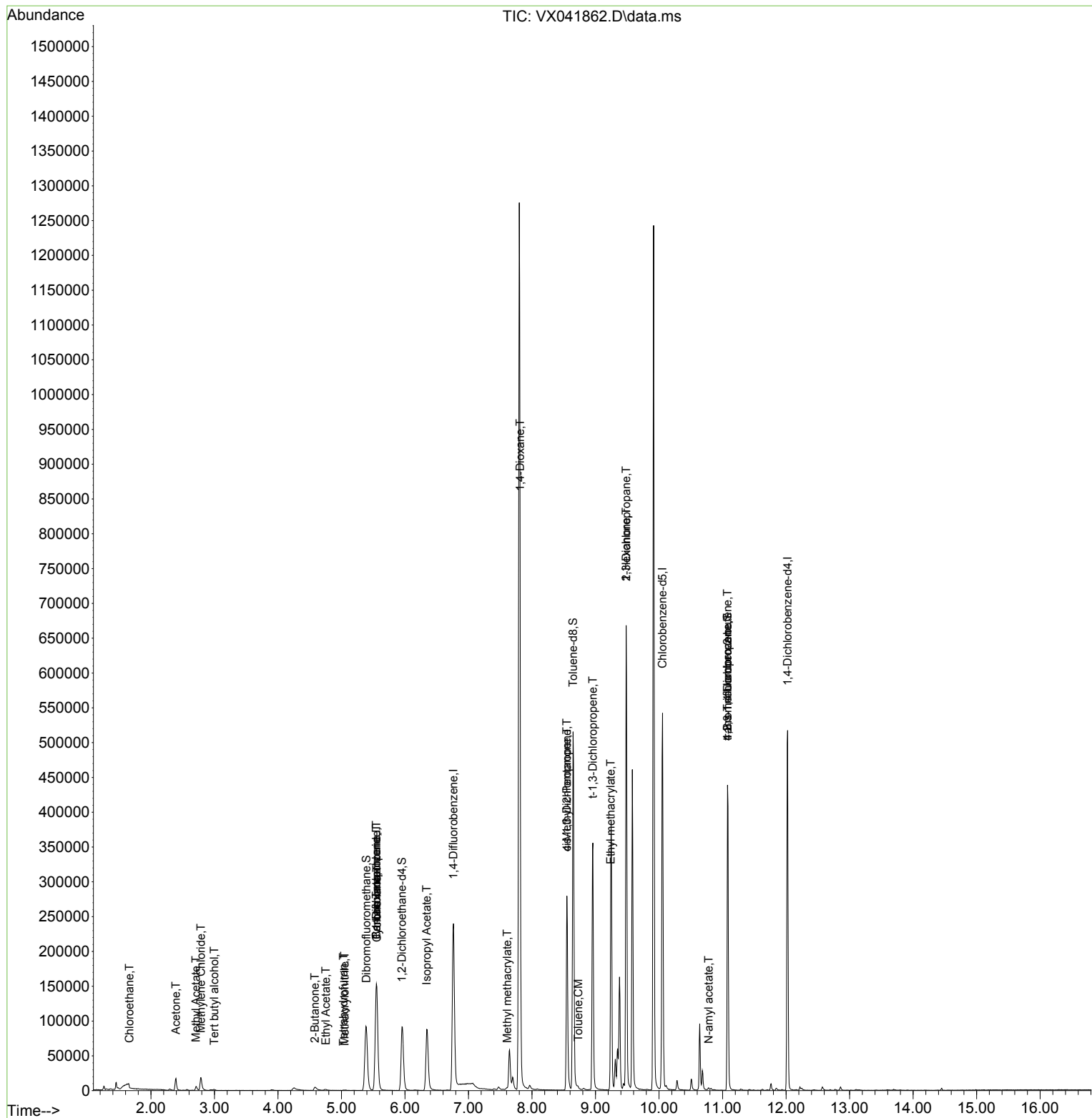
Internal Standards						
1) Pentafluorobenzene	5.550	168	171965	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	265976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89161	42.275	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.540%		
35) Dibromofluoromethane	5.391	113	83848	45.596	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.200%		
50) Toluene-d8	8.647	98	317780	49.456	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.920%		
62) 4-Bromofluorobenzene	11.079	95	115539	48.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.440%		
Target Compounds					Qvalue	
6) Chloroethane	1.660	64	215	0.210	ug/l	# 43
11) Tert butyl alcohol	2.995	59	2036	5.457	ug/l	# 94
16) Acetone	2.392	43	18558	17.371	ug/l	# 84
18) Methyl Acetate	2.709	43	7849	3.898	ug/l	# 98
20) Methylene Chloride	2.788	84	10707	5.673	ug/l	# 89
25) 2-Butanone	4.580	43	10335	7.884	ug/l	# 94
29) Tetrahydrofuran	5.032	42	228	0.276	ug/l	# 34
31) Cyclohexane	5.556	56	2365	0.950	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	9713	4.362	ug/l	# 51
37) Ethyl Acetate	4.751	43	3487	1.241	ug/l	# 90
38) Carbon Tetrachloride	5.550	117	14352	5.673	ug/l	# 17
41) Methacrylonitrile	5.050	41	277	0.202	ug/l	# 33
43) Isopropyl Acetate	6.342	43	123170	29.031	ug/l	# 94
48) Methyl methacrylate	7.610	41	5281	2.592	ug/l	# 16
49) 1,4-Dioxane	7.812	88	191	4.290	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	90032	32.725	ug/l	# 51
52) Toluene	8.726	92	1244	0.282	ug/l	# 98
53) t-1,3-Dichloropropene	8.958	75	937	0.405	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	47212	18.449	ug/l	# 51
56) Ethyl methacrylate	9.238	69	1302	0.479	ug/l	# 1
57) 1,3-Dichloropropane	9.482	76	6149	2.080	ug/l	# 42
59) 2-Hexanone	9.482	43	74329	35.437	ug/l	# 56
74) N-amyl acetate	10.781	43	1692	0.491	ug/l	# 50
76) 1,2,3-Trichloropropane	11.079	75	52126	23.814	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	52126	64.905	ug/l	# 5

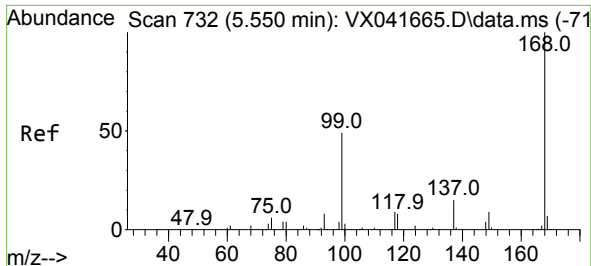
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
Data File : VX041862.D
Acq On : 13 Jun 2024 18:25
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Instrument :
MSVOA_X
ClientSampleId :

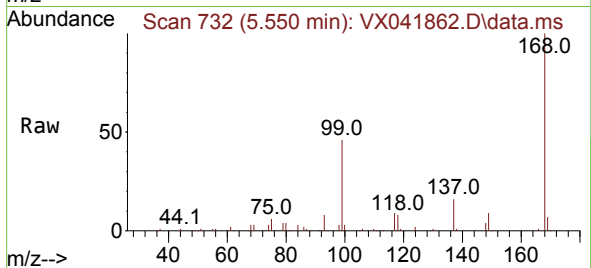
Quant Time: Jun 14 01:51:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



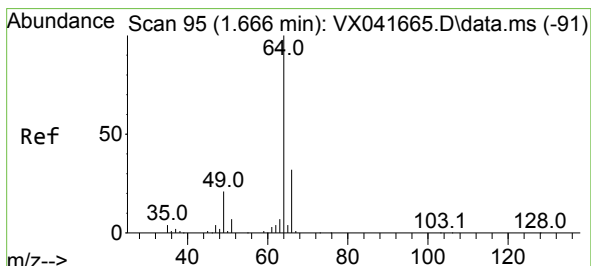
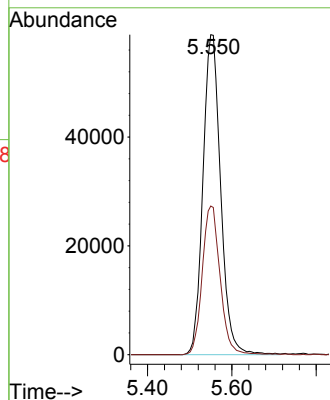
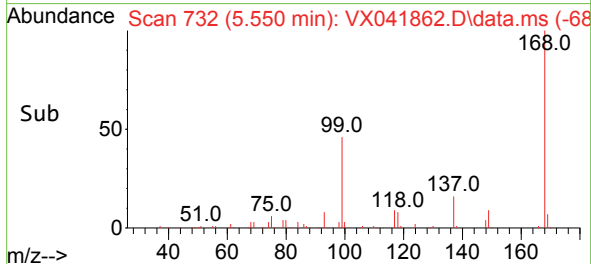


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Instrument :
MSVOA_X
ClientSampleId :

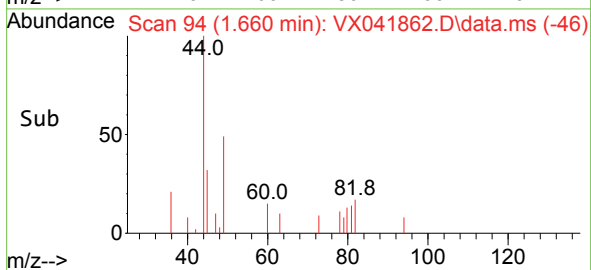
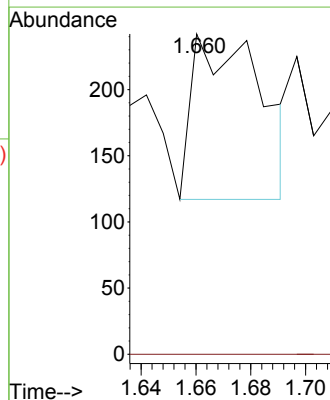
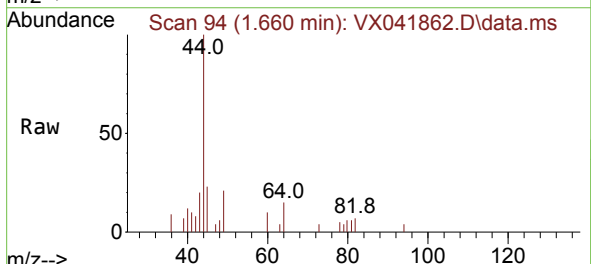


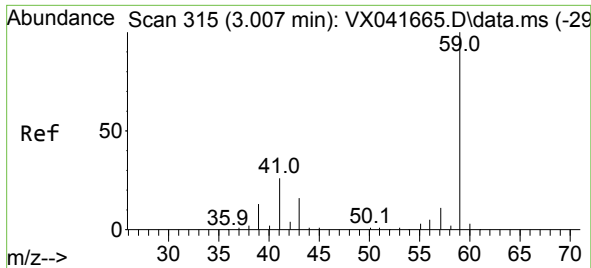
Tgt Ion:168 Resp: 171965
Ion Ratio Lower Upper
168 100
99 46.5 56.6 85.0#



#6
Chloroethane
Concen: 0.210 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

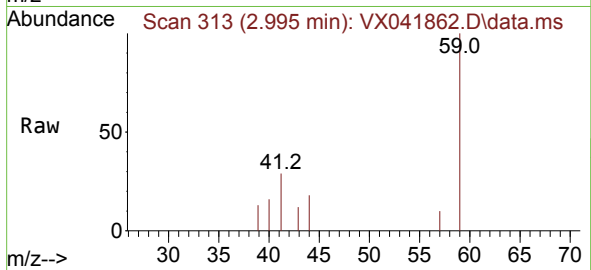
Tgt Ion: 64 Resp: 215
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



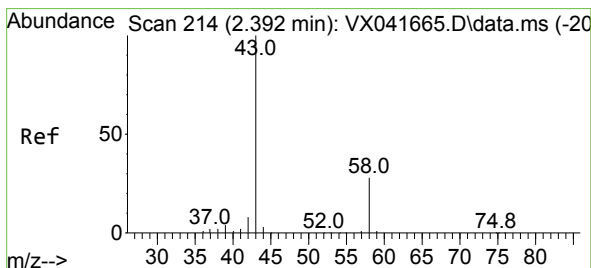
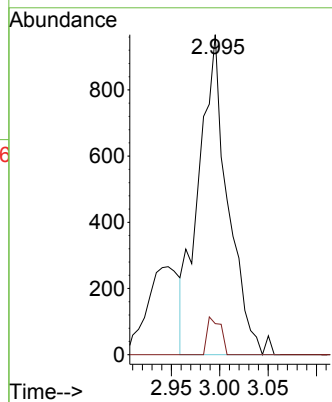
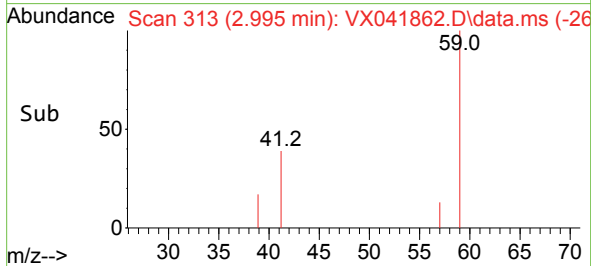


#11
Tert butyl alcohol
Concen: 5.457 ug/l
RT: 2.995 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Instrument :
MSVOA_X
ClientSampleId :

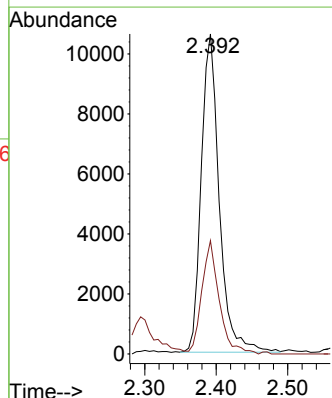
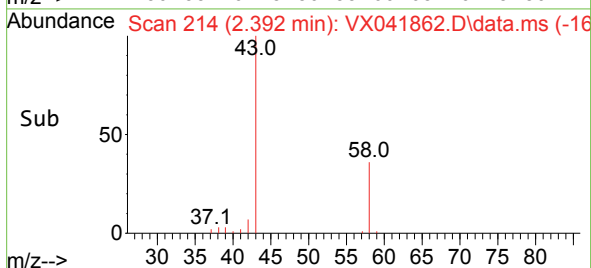
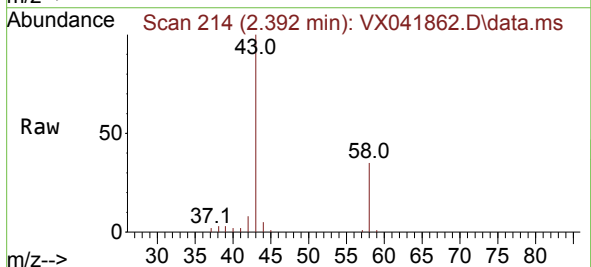


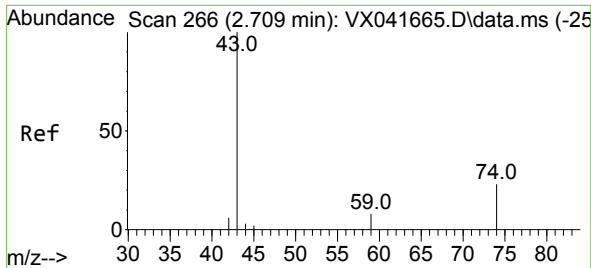
Tgt Ion: 59 Resp: 2036
Ion Ratio Lower Upper
59 100
57 5.4 6.0 9.0#



#16
Acetone
Concen: 17.371 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 43 Resp: 18558
Ion Ratio Lower Upper
43 100
58 35.6 21.9 32.9#

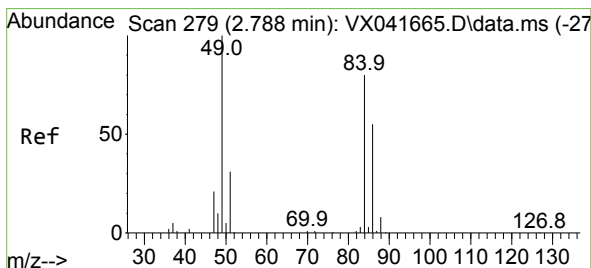
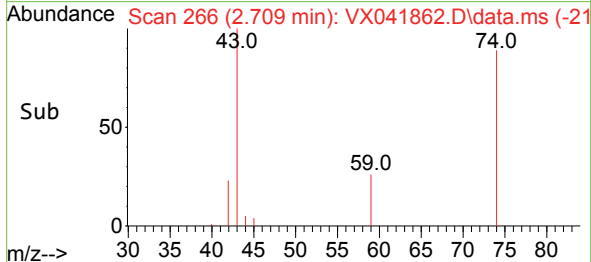
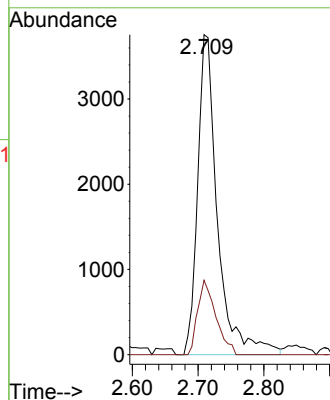
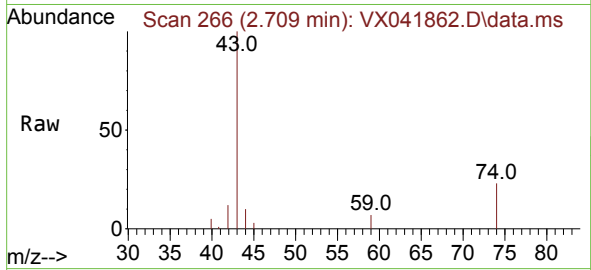




#18
Methyl Acetate
Concen: 3.898 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

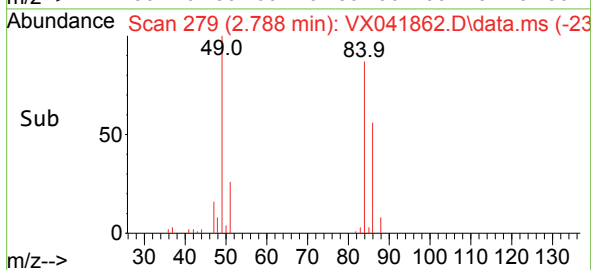
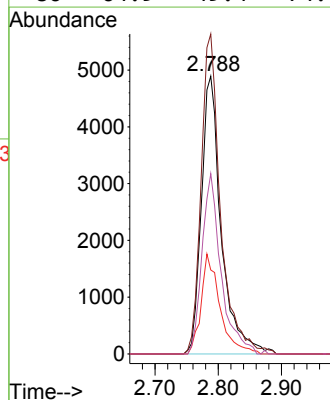
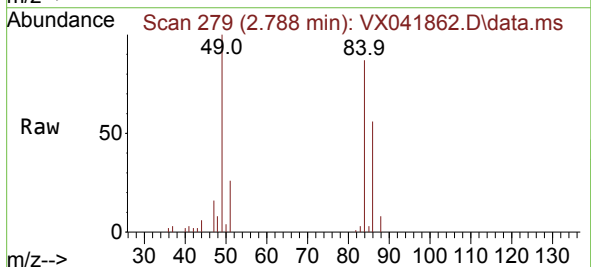
Instrument :
MSVOA_X
ClientSampleId :

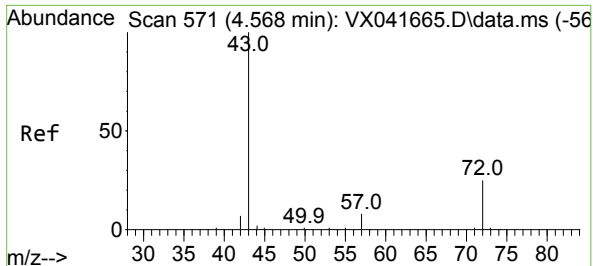
Tgt Ion: 43 Resp: 7849
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 5.673 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 84 Resp: 10707
Ion Ratio Lower Upper
84 100
49 115.2 103.6 155.4
51 30.3 33.8 50.6#
86 64.9 49.4 74.0





#25

2-Butanone

Concen: 7.884 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX041862.D

Acq: 13 Jun 2024 18:25

Instrument :

MSVOA_X

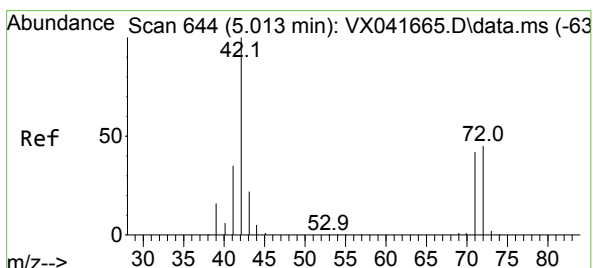
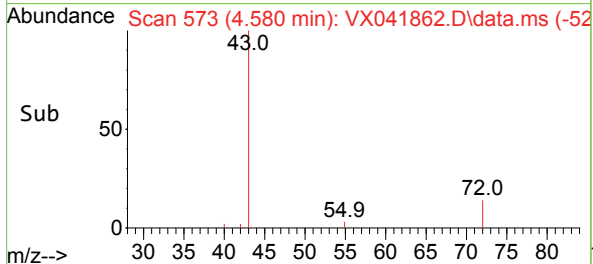
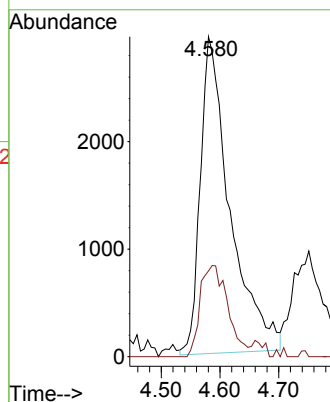
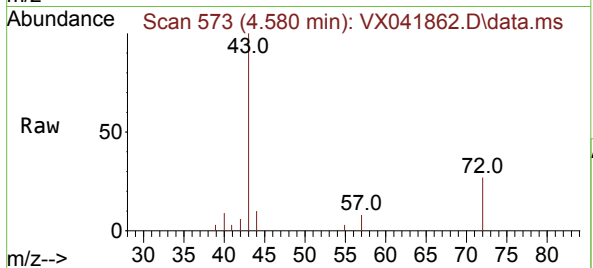
ClientSampleId :

Tgt Ion: 43 Resp: 10335

Ion Ratio Lower Upper

43 100

72 27.4 19.4 29.2



#29

Tetrahydrofuran

Concen: 0.276 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX041862.D

Acq: 13 Jun 2024 18:25

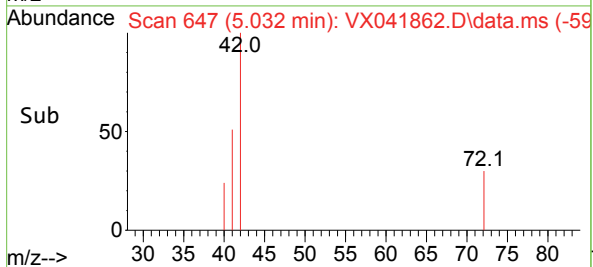
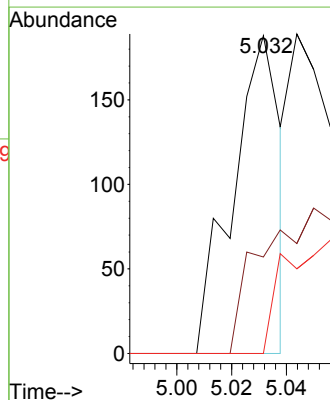
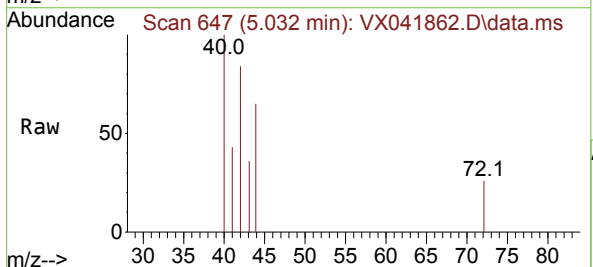
Tgt Ion: 42 Resp: 228

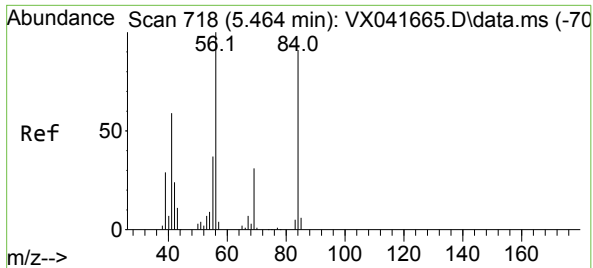
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

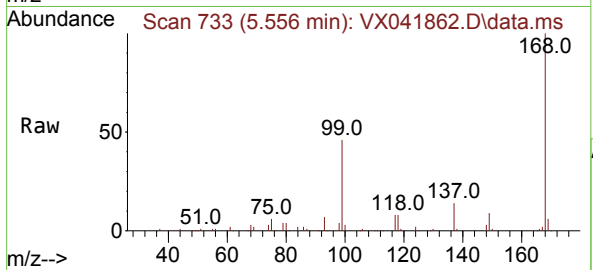
71 0.0 32.2 48.2#



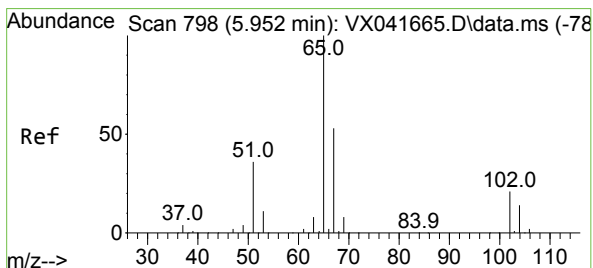
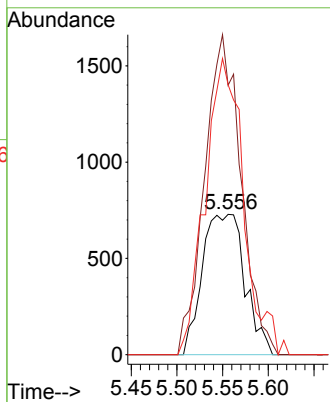
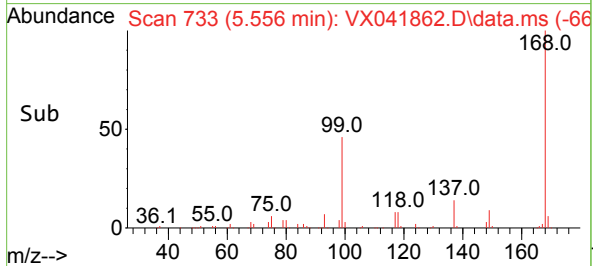


#31
Cyclohexane
Concen: 0.950 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Instrument :
MSVOA_X
ClientSampleId :

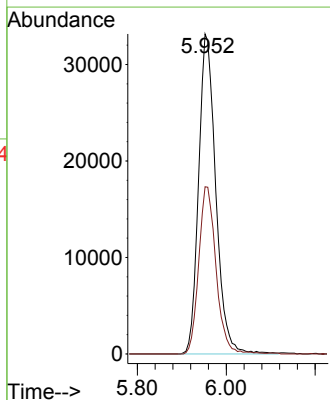
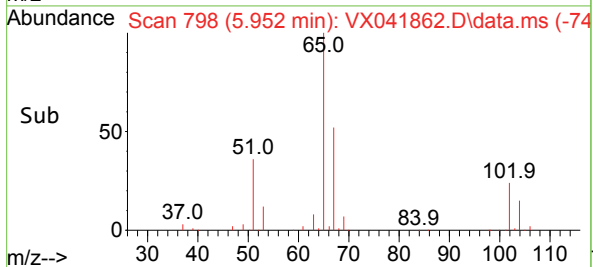
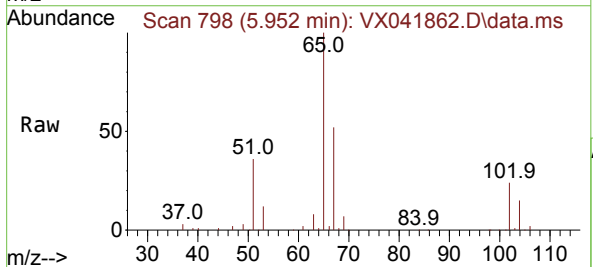


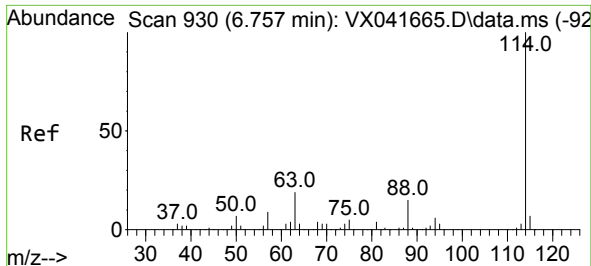
Tgt Ion: 56 Resp: 2365
Ion Ratio Lower Upper
56 100
69 191.9 23.4 35.2#
84 192.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.275 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 65 Resp: 89161
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

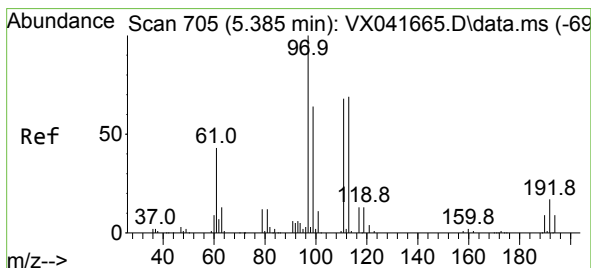
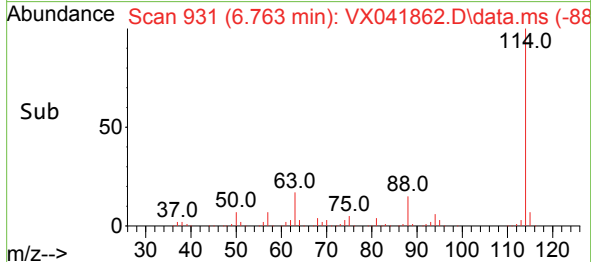
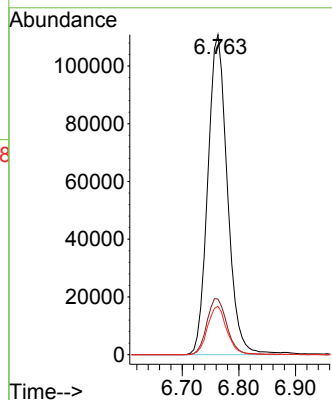
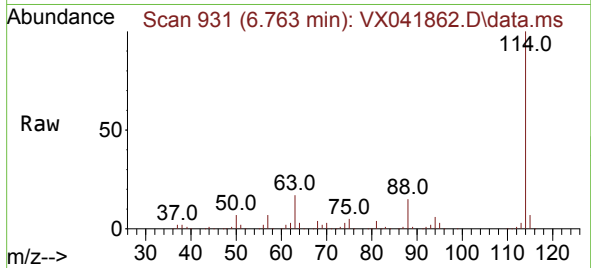




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

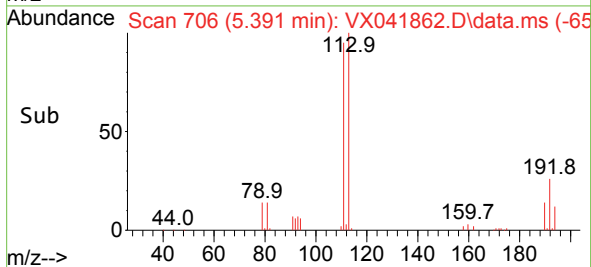
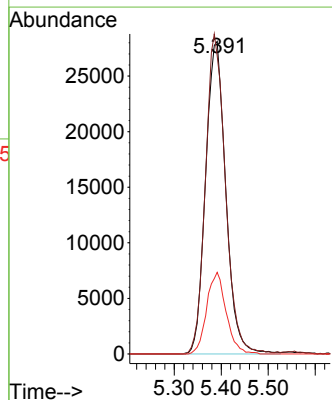
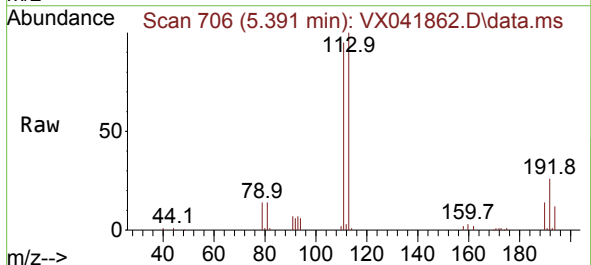
Instrument :
MSVOA_X
ClientSampleId :

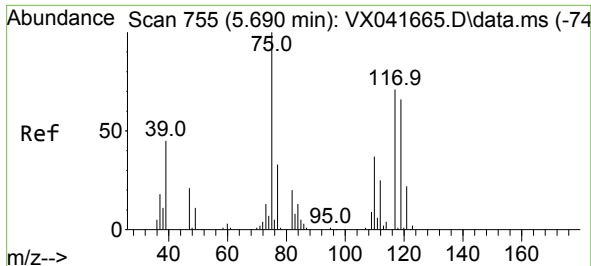
Tgt Ion:114 Resp: 265976
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.596 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

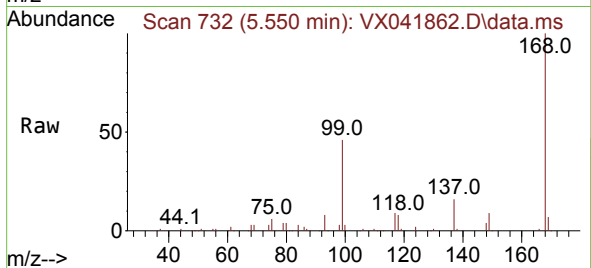
Tgt Ion:113 Resp: 83848
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 25.2 13.3 19.9#



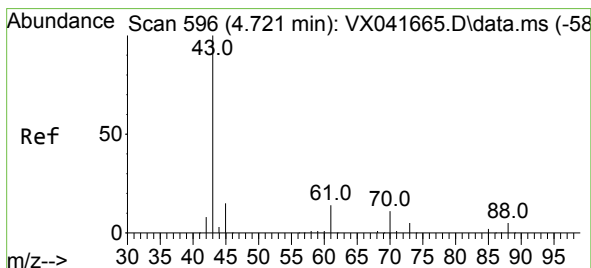
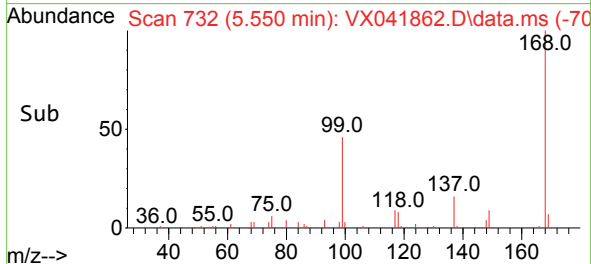
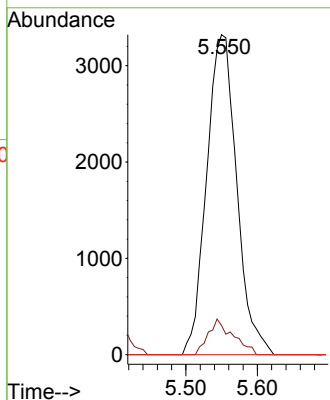


#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Instrument :
MSVOA_X
ClientSampleId :

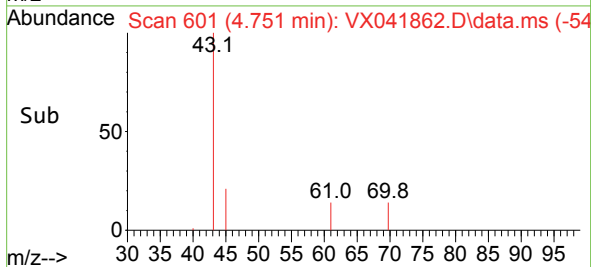
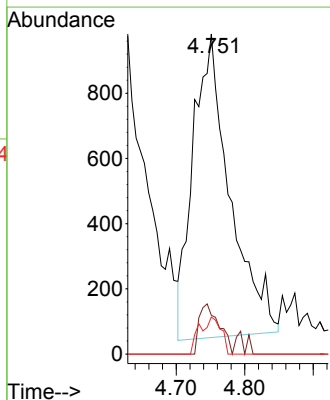
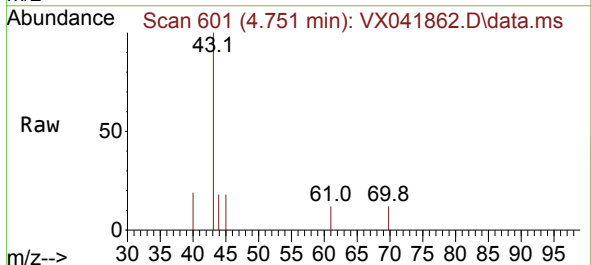


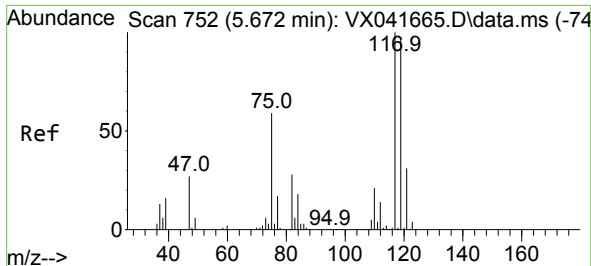
Tgt Ion: 75 Resp: 9713
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.241 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

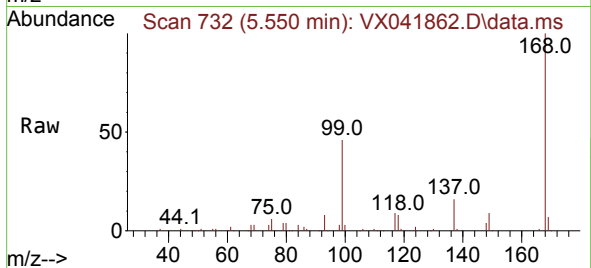
Tgt Ion: 43 Resp: 3487
Ion Ratio Lower Upper
43 100
61 9.0 10.6 16.0#
70 7.1 8.3 12.5#



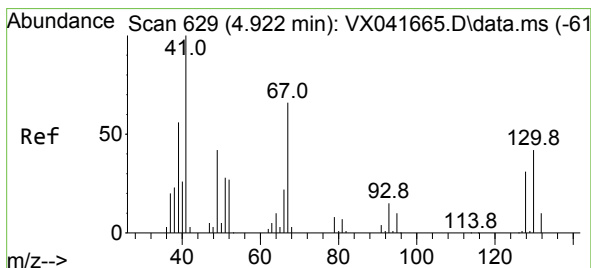
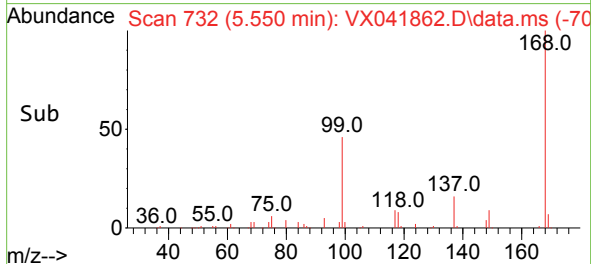
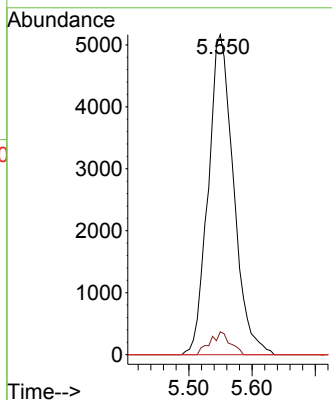


#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Instrument :
MSVOA_X
ClientSampleId :

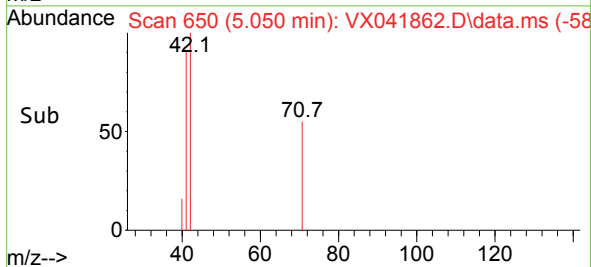
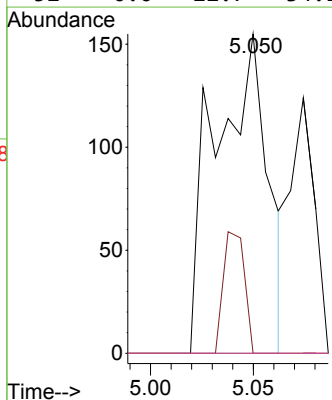
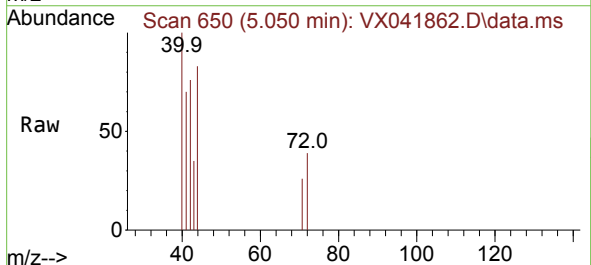


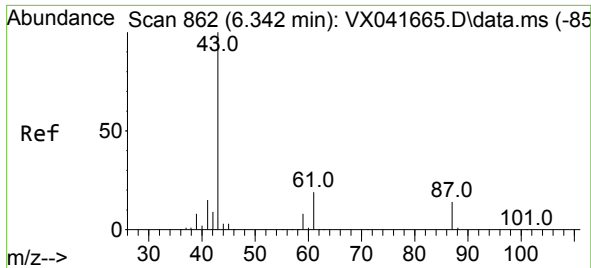
Tgt Ion:117 Resp: 14352
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.202 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.128 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 41 Resp: 277
Ion Ratio Lower Upper
41 100
39 15.2 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

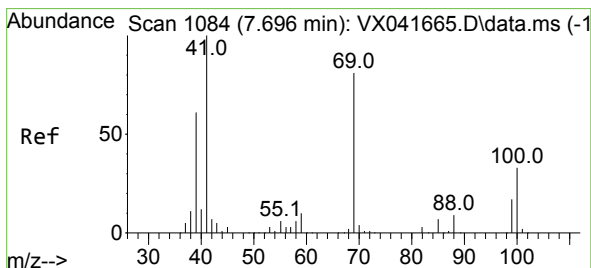
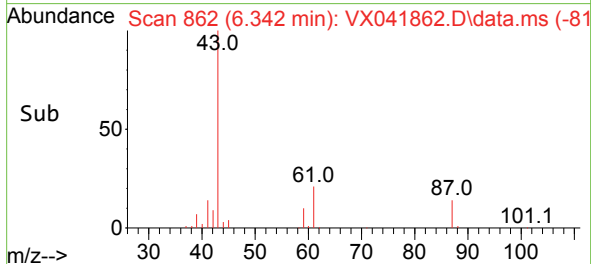
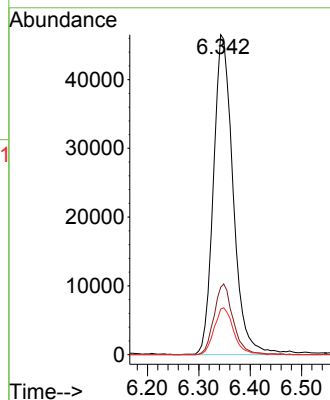
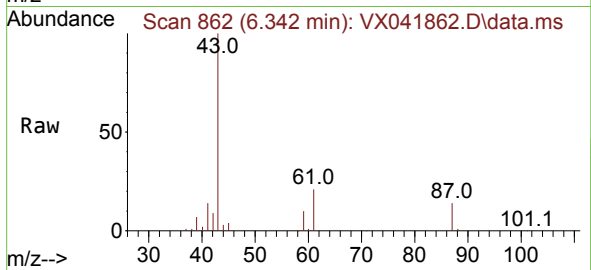




#43
Isopropyl Acetate
Concen: 29.031 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

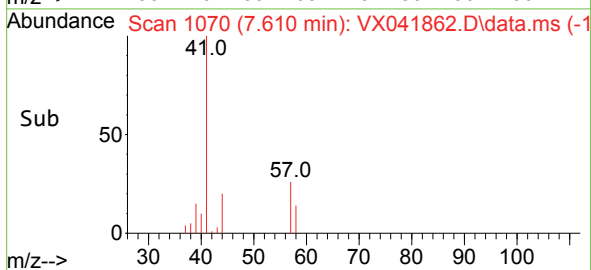
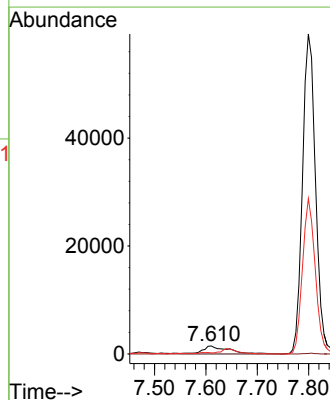
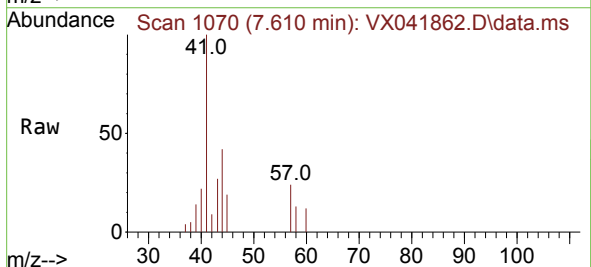
Instrument :
MSVOA_X
ClientSampleId :

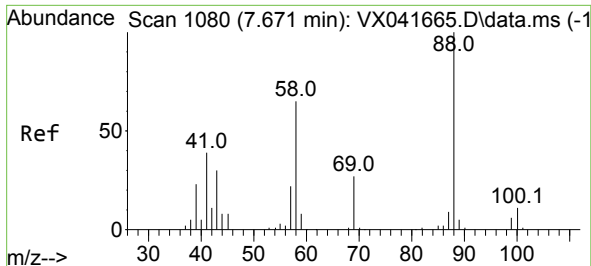
Tgt Ion: 43 Resp: 123170
Ion Ratio Lower Upper
43 100
61 21.7 15.2 22.8
87 14.5 9.8 14.6



#48
Methyl methacrylate
Concen: 2.592 ug/l
RT: 7.610 min Scan# 1070
Delta R.T. -0.085 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 41 Resp: 5281
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 0.0 47.7 71.5#

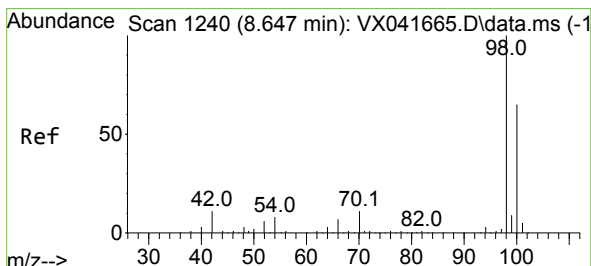
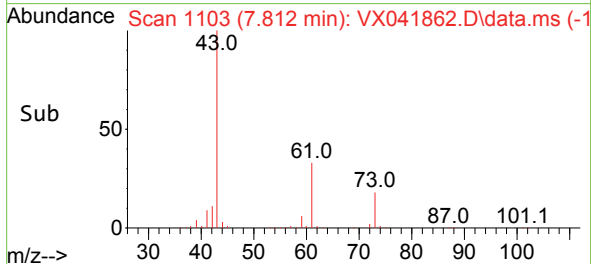
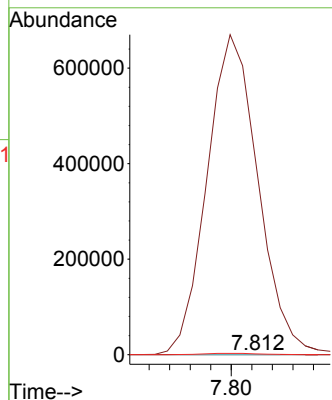
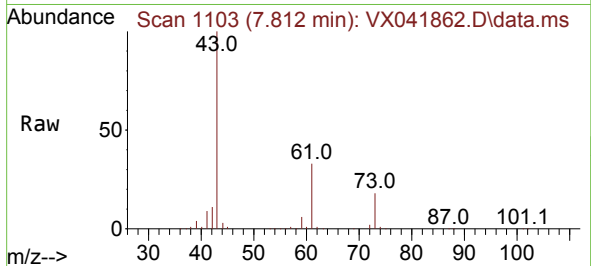




#49
1,4-Dioxane
Concen: 4.290 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.140 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

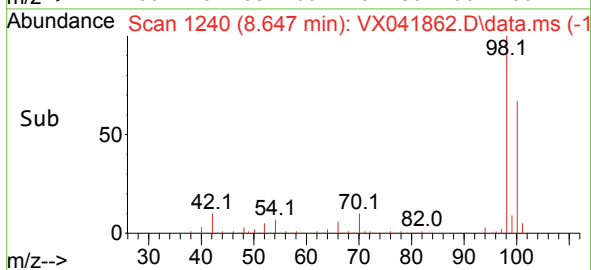
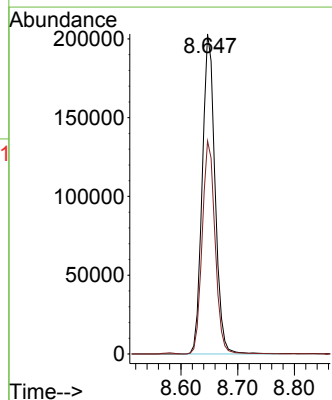
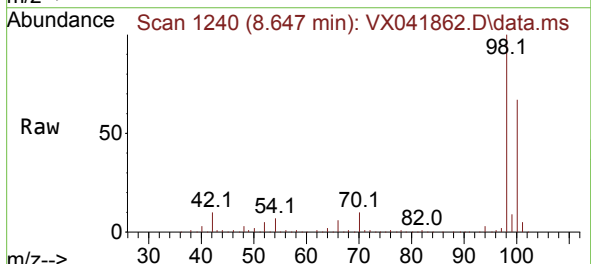
Instrument :
MSVOA_X
ClientSampleId :

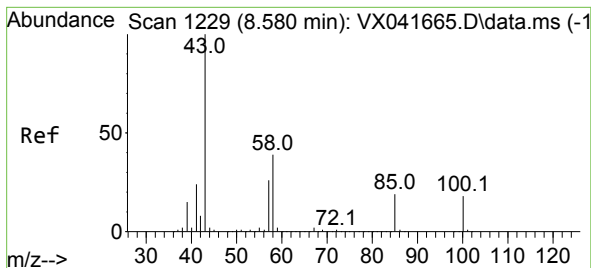
Tgt Ion: 88 Resp: 191
Ion Ratio Lower Upper
88 100
43 613029.8 0.0 0.0#
58 2841.4 60.1 90.1#



#50
Toluene-d8
Concen: 49.456 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 98 Resp: 317780
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

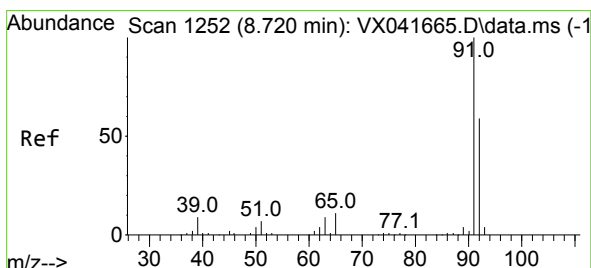
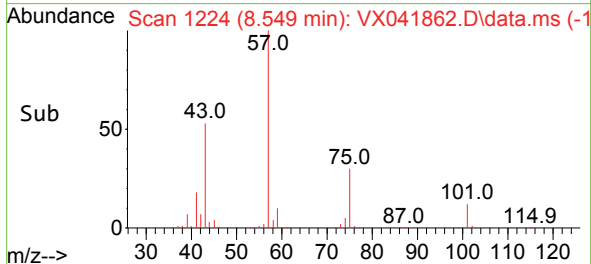
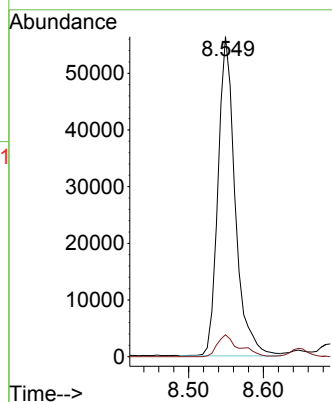
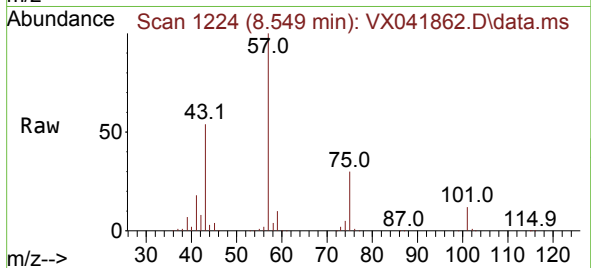




#51
4-Methyl-2-Pentanone
Concen: 32.725 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

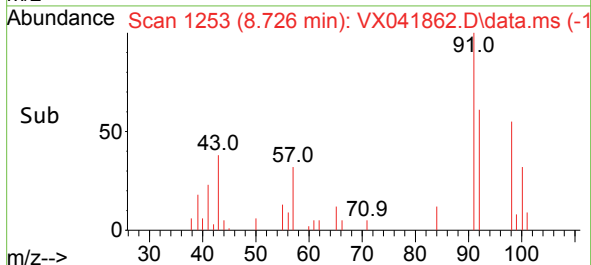
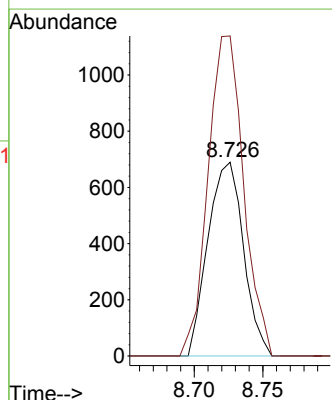
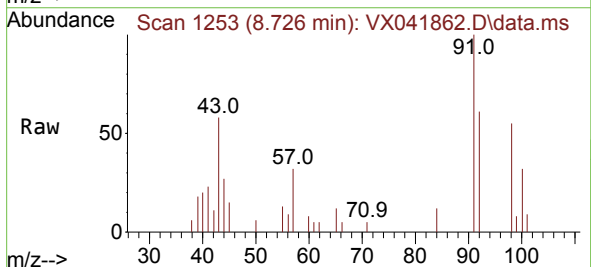
Instrument :
MSVOA_X
ClientSampleId :

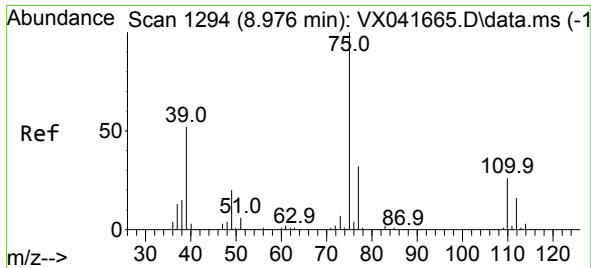
Tgt Ion: 43 Resp: 90032
Ion Ratio Lower Upper
43 100
58 8.7 30.4 45.6#



#52
Toluene
Concen: 0.282 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 92 Resp: 1244
Ion Ratio Lower Upper
92 100
91 165.4 134.2 201.2

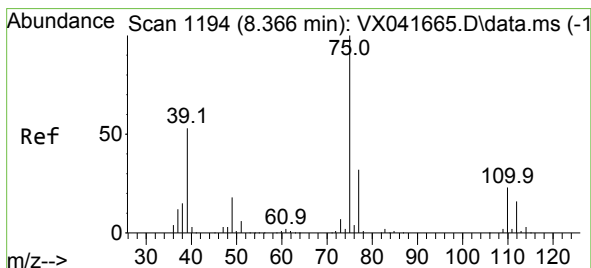
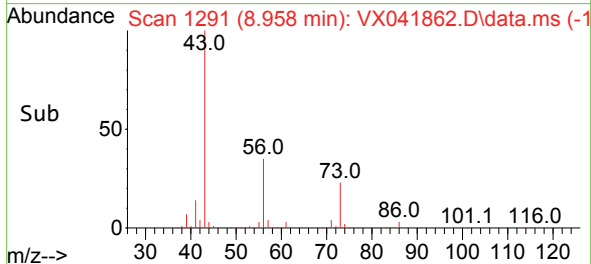
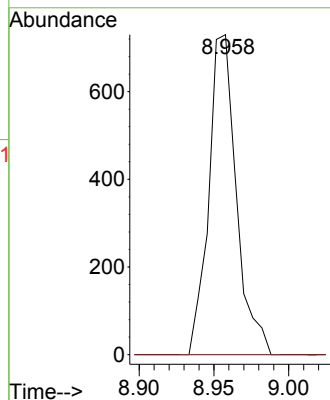
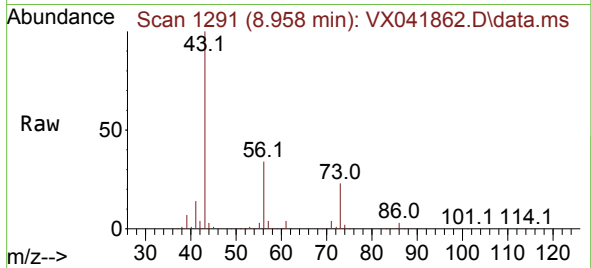




#53
 t-1,3-Dichloropropene
 Concen: 0.405 ug/l
 RT: 8.958 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: VX041862.D
 Acq: 13 Jun 2024 18:25

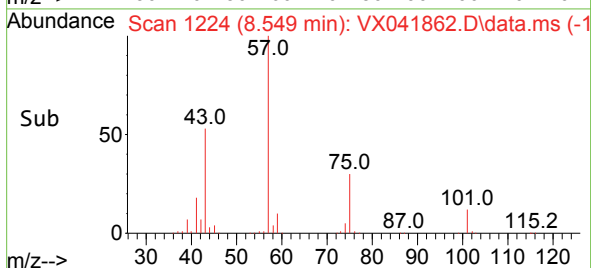
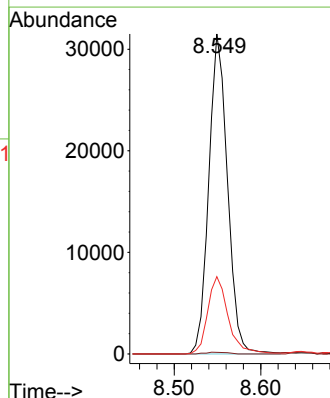
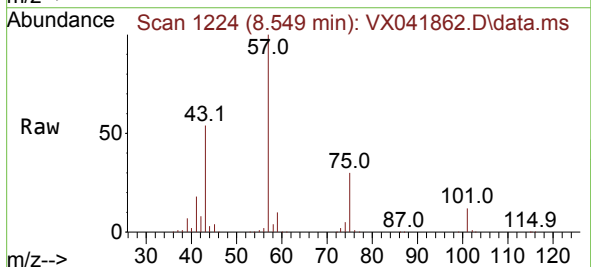
Instrument :
 MSVOA_X
 ClientSampleId :

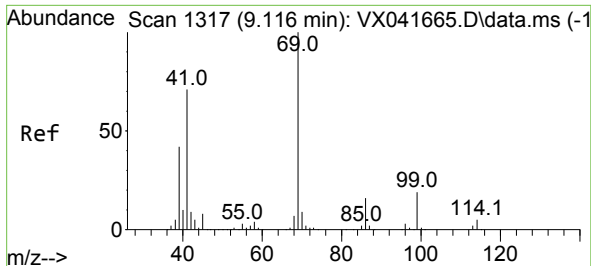
Tgt Ion: 75 Resp: 937
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 18.449 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX041862.D
 Acq: 13 Jun 2024 18:25

Tgt Ion: 75 Resp: 47212
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 24.2 46.7 70.1#

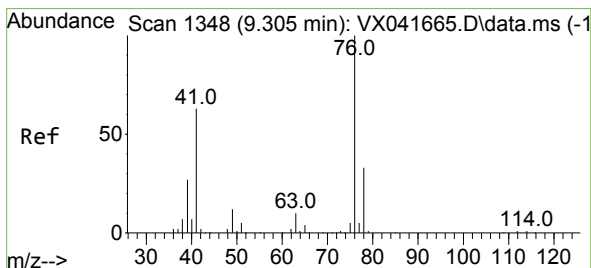
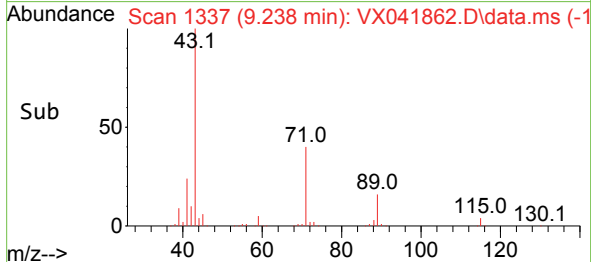
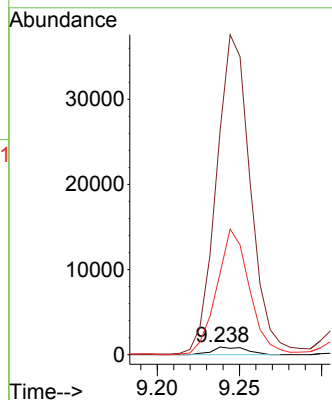
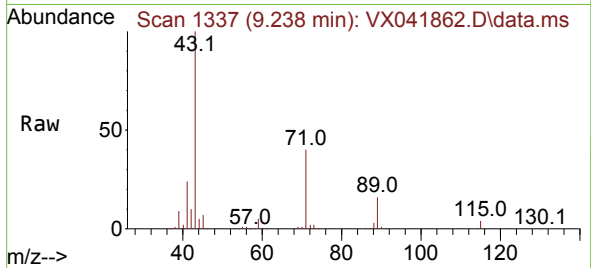




#56
Ethyl methacrylate
Concen: 0.479 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.122 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

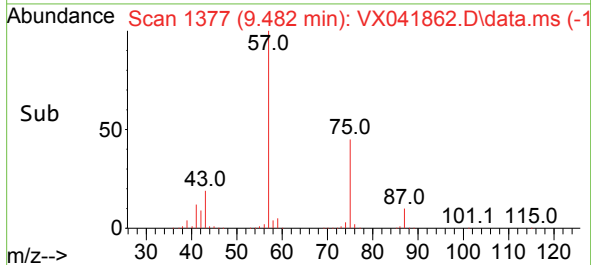
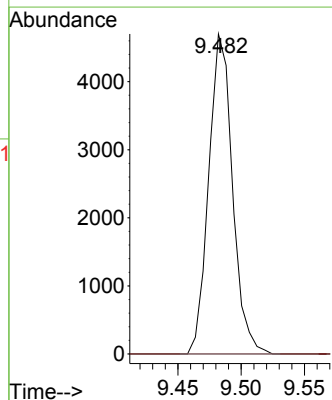
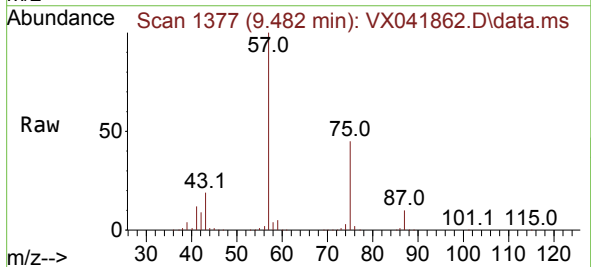
Instrument :
MSVOA_X
ClientSampleId :

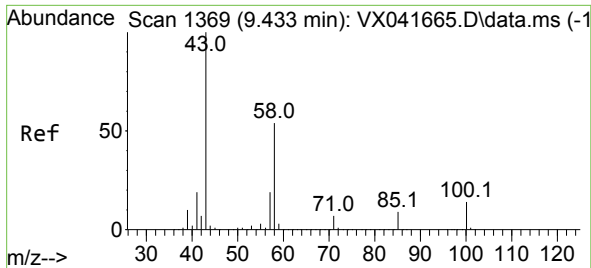
Tgt Ion: 69 Resp: 1302
Ion Ratio Lower Upper
69 100
41 4174.0 56.8 85.2#
39 1573.8 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 2.080 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 76 Resp: 6149
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

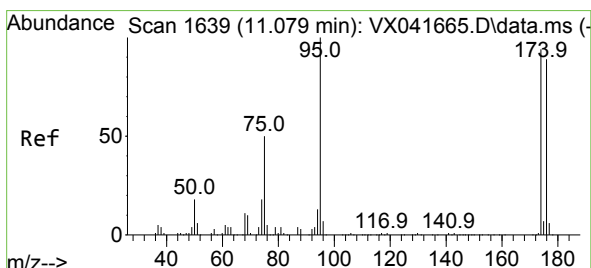
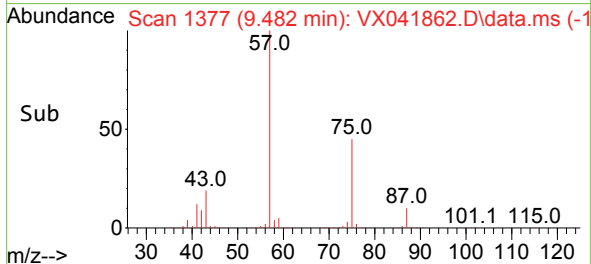
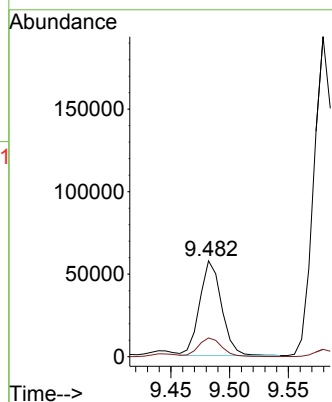
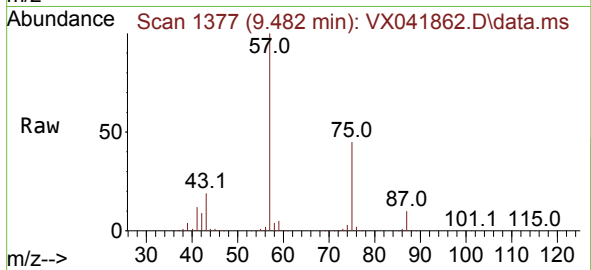




#59
2-Hexanone
Concen: 35.437 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

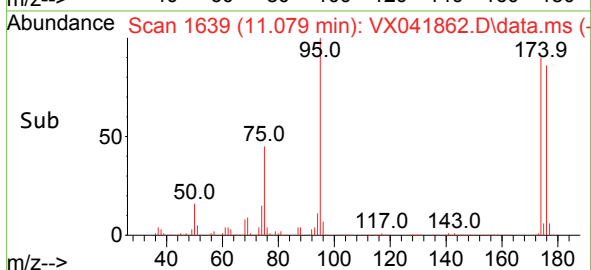
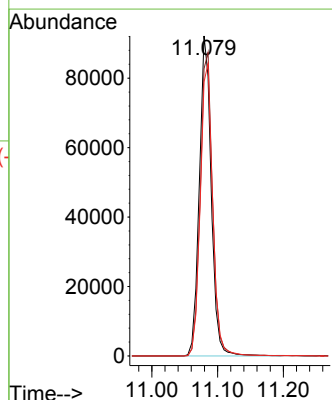
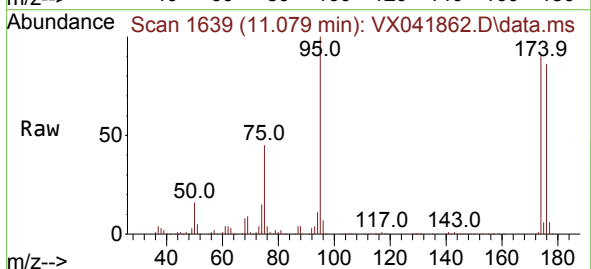
Instrument :
MSVOA_X
ClientSampleId :

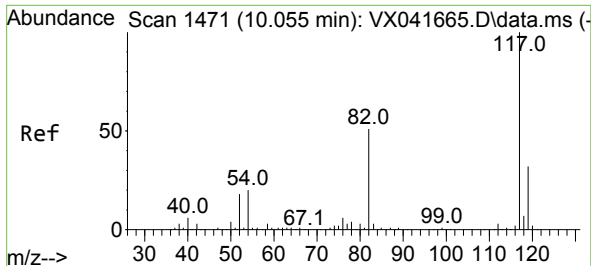
Tgt Ion: 43 Resp: 74329
Ion Ratio Lower Upper
43 100
58 21.5 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 48.719 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 95 Resp: 115539
Ion Ratio Lower Upper
95 100
174 98.7 0.0 135.6
176 95.4 0.0 131.0

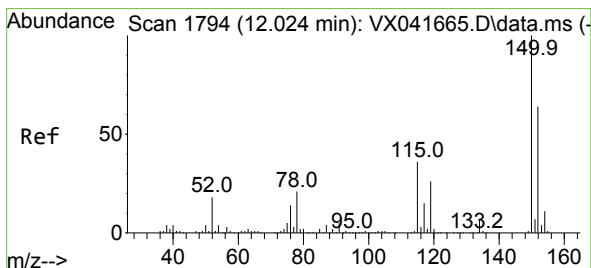
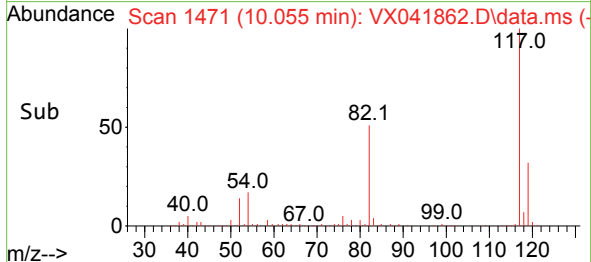
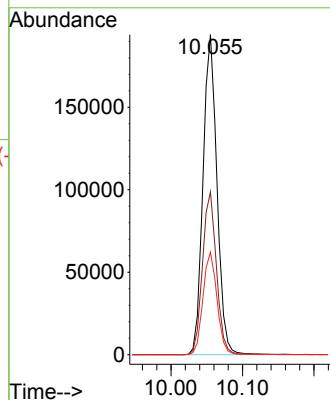
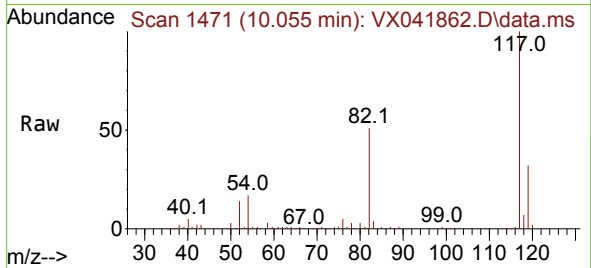




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

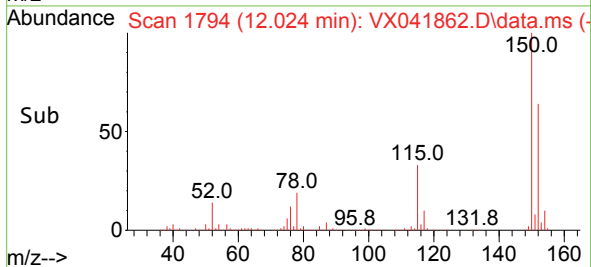
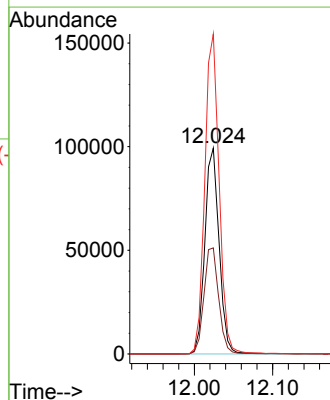
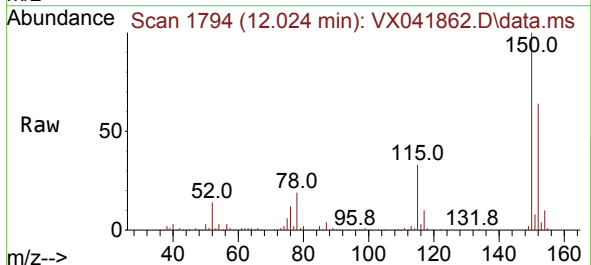
Instrument :
MSVOA_X
ClientSampleId :

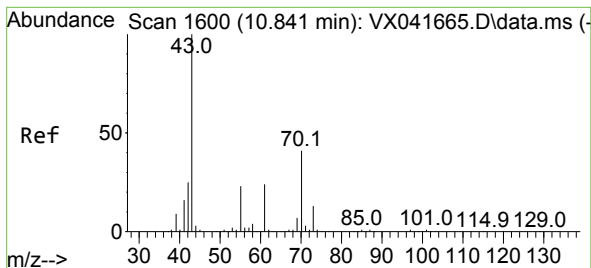
Tgt Ion:117 Resp: 263083
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion:152 Resp: 125453
Ion Ratio Lower Upper
152 100
115 53.5 43.3 129.9
150 156.3 0.0 345.0





#74

N-amy1 acetate

Concen: 0.491 ug/l

RT: 10.781 min Scan# 1639

Delta R.T. -0.061 min

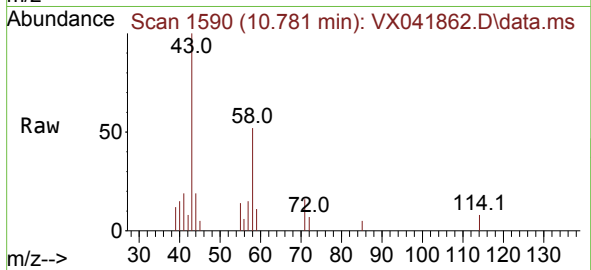
Lab File: VX041862.D

Acq: 13 Jun 2024 18:25

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 1692

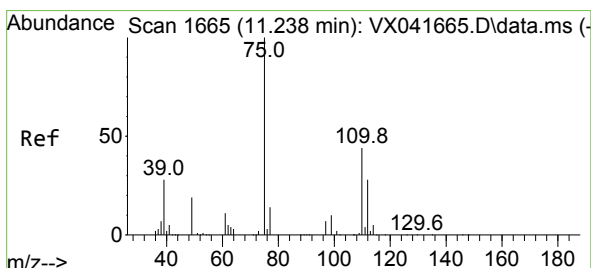
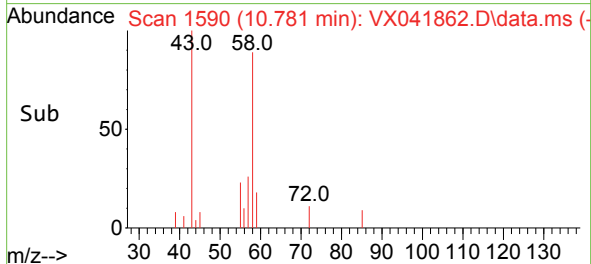
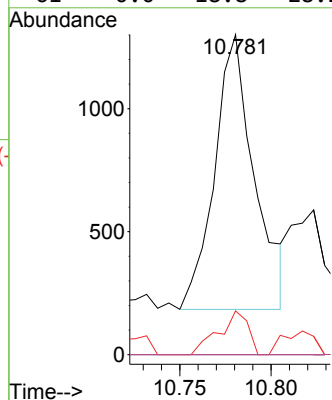
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 11.8 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 23.814 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041862.D

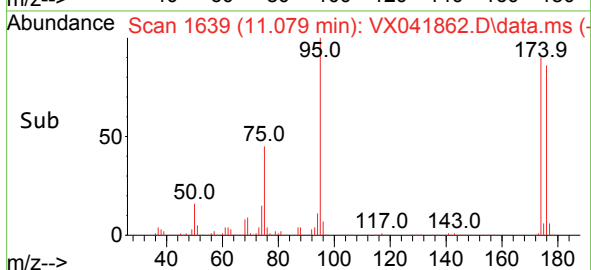
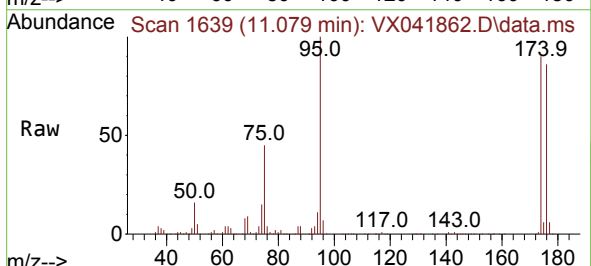
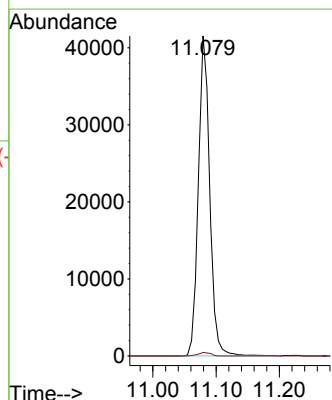
Acq: 13 Jun 2024 18:25

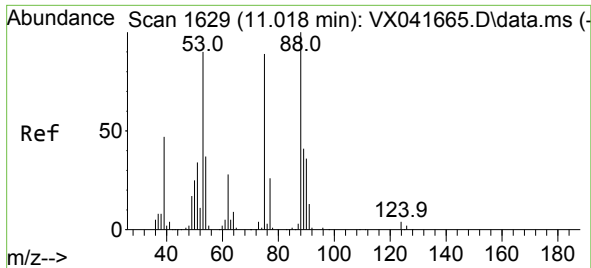
Tgt Ion: 75 Resp: 52126

Ion Ratio Lower Upper

75 100

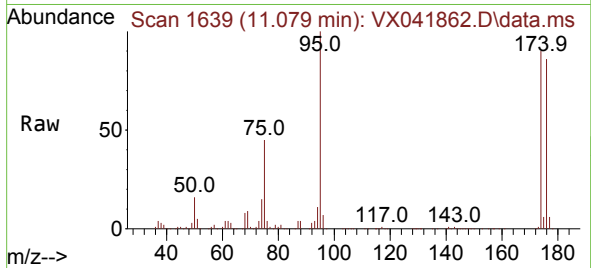
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.905 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041862.D
 Acq: 13 Jun 2024 18:25

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52126
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

