

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041848.D
 Acq On : 13 Jun 2024 12:58
 Operator : JC/MD
 Sample : PB161467ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 00:56:33 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

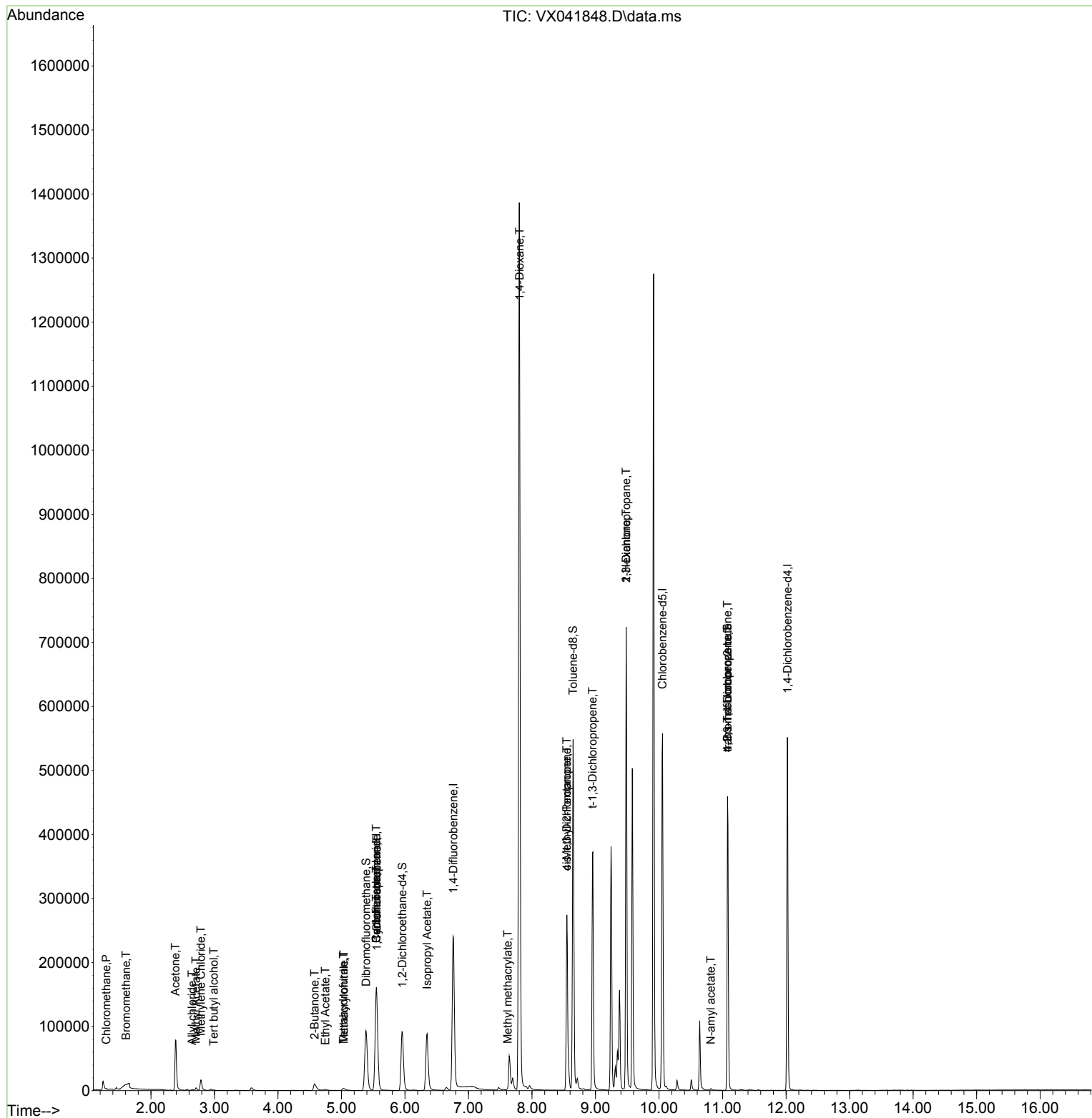
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	177451	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	271642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89674	41.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.400%
35) Dibromofluoromethane	5.385	113	83828	44.634	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.260%
50) Toluene-d8	8.647	98	325715	49.634	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.260%
62) 4-Bromofluorobenzene	11.079	95	121923	50.339	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.680%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	400	0.235	ug/l	97
5) Bromomethane	1.605	94	325	0.266	ug/l	100
11) Tert butyl alcohol	2.989	59	643	1.670	ug/l	# 78
14) Allyl chloride	2.648	41	1744	0.670	ug/l	# 42
16) Acetone	2.386	43	91441	93.922	ug/l	90
18) Methyl Acetate	2.709	43	5218	2.511	ug/l	99
20) Methylene Chloride	2.788	84	9105	4.675	ug/l	92
25) 2-Butanone	4.574	43	22178	16.396	ug/l	100
29) Tetrahydrofuran	5.031	42	3464	4.061	ug/l	98
31) Cyclohexane	5.550	56	2462	0.958	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	10490	4.613	ug/l	# 51
37) Ethyl Acetate	4.745	43	3413	1.189	ug/l	# 86
38) Carbon Tetrachloride	5.550	117	14626	5.661	ug/l	# 16
41) Methacrylonitrile	5.038	41	1947	1.387	ug/l	# 40
43) Isopropyl Acetate	6.348	43	124148	28.651	ug/l	95
48) Methyl methacrylate	7.616	41	3427	1.647	ug/l	# 16
49) 1,4-Dioxane	7.805	88	298	6.554	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	100248	35.678	ug/l	# 47
53) t-1,3-Dichloropropene	8.951	75	889	0.376	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	46999	17.982	ug/l	# 51
57) 1,3-Dichloropropane	9.482	76	6523	2.161	ug/l	# 42
59) 2-Hexanone	9.482	43	82094	38.322	ug/l	# 55
74) N-amyl acetate	10.817	43	953	0.261	ug/l	# 50
76) 1,2,3-Trichloropropane	11.079	75	55954	24.165	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	55954	65.860	ug/l	# 5

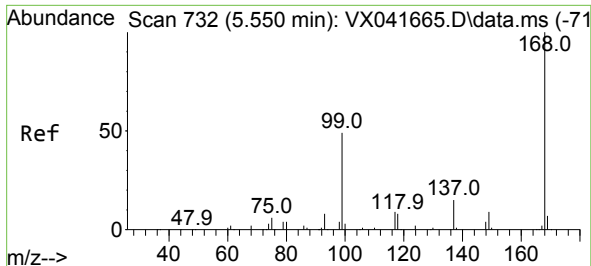
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
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Sample : PB161467ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 00:56:33 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

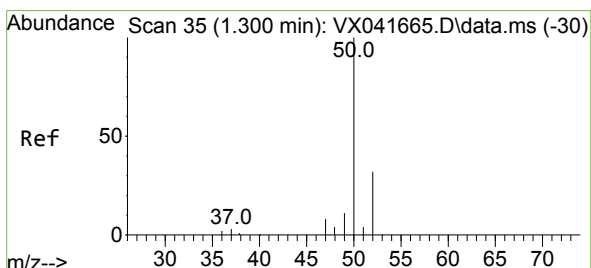
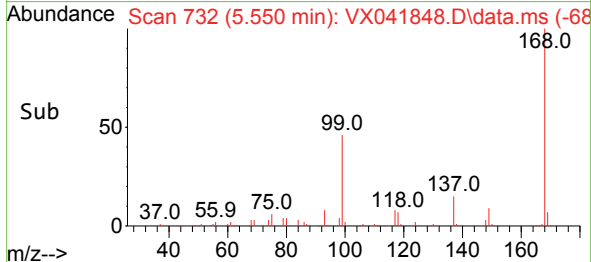
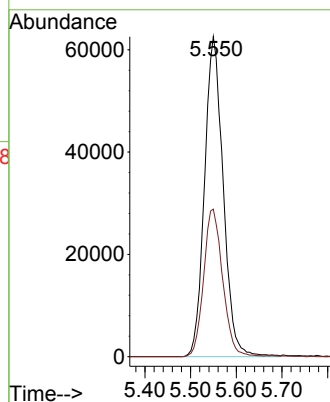
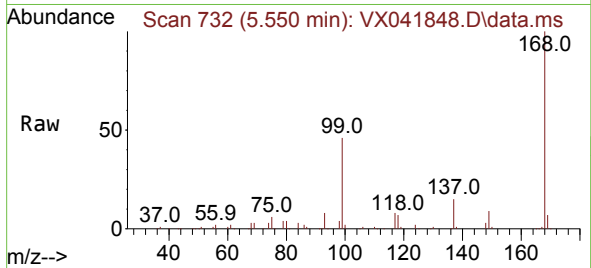




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

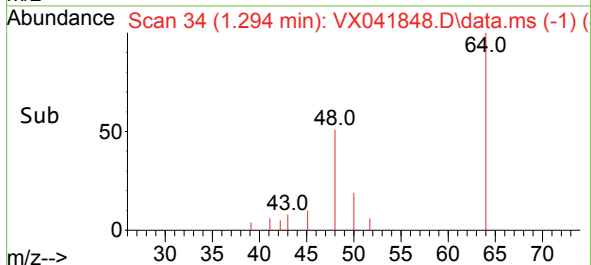
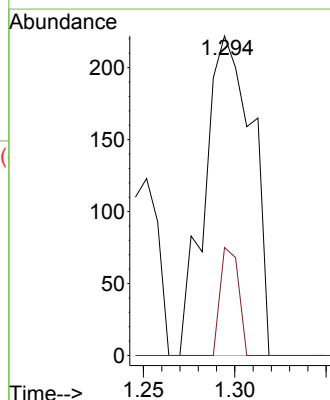
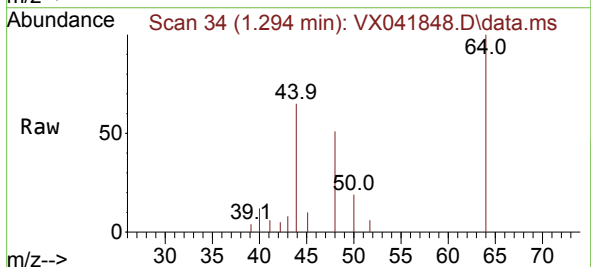
Instrument :
MSVOA_X
ClientSampleId :

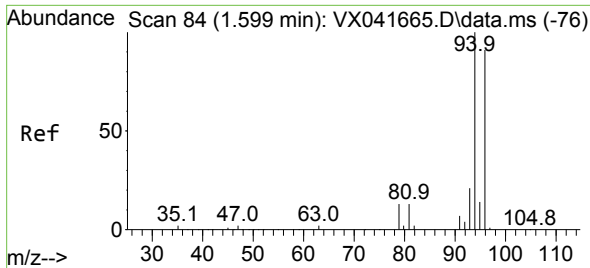
Tgt Ion:168 Resp: 177451
Ion Ratio Lower Upper
168 100
99 46.1 56.6 85.0#



#3
Chloromethane
Concen: 0.235 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Tgt Ion: 50 Resp: 400
Ion Ratio Lower Upper
50 100
52 33.8 25.5 38.3

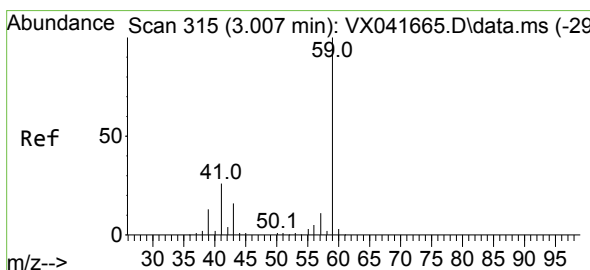
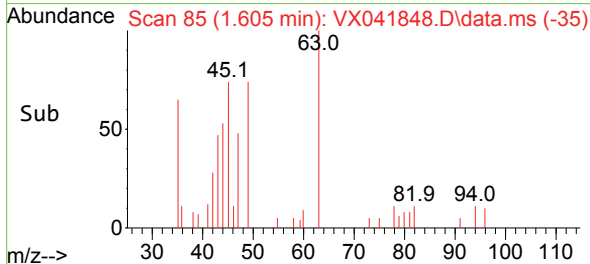
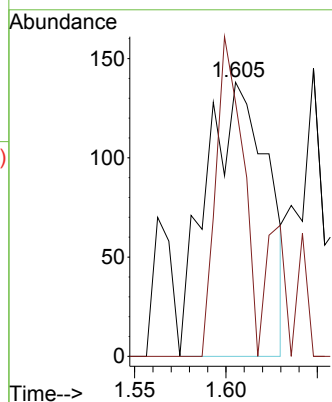
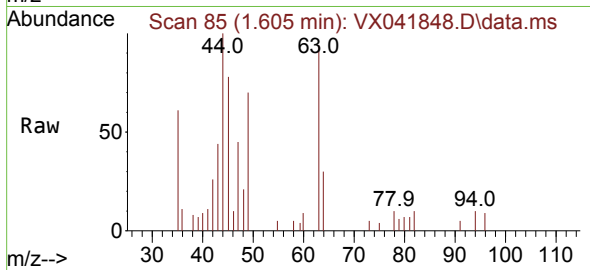




#5
Bromomethane
Concen: 0.266 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

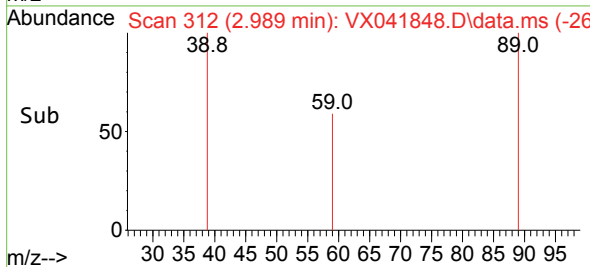
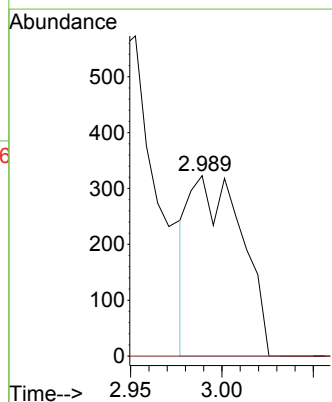
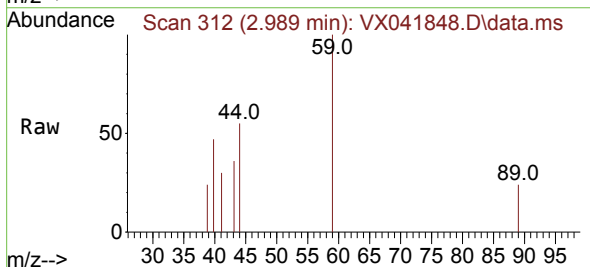
Instrument :
MSVOA_X
ClientSampleId :

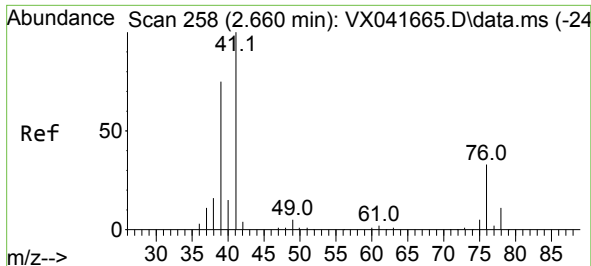
Tgt Ion: 94 Resp: 325
Ion Ratio Lower Upper
94 100
96 92.8 74.6 111.8



#11
Tert butyl alcohol
Concen: 1.670 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.018 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

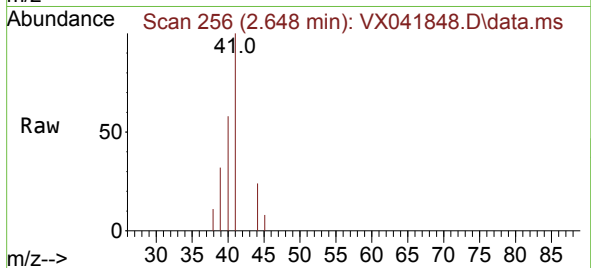
Tgt Ion: 59 Resp: 643
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



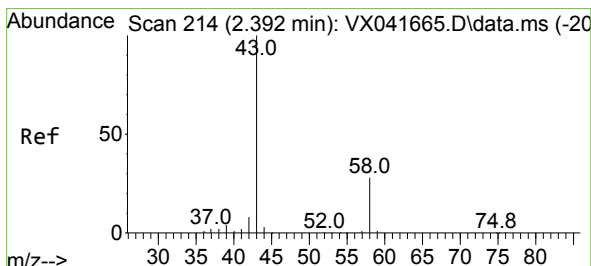
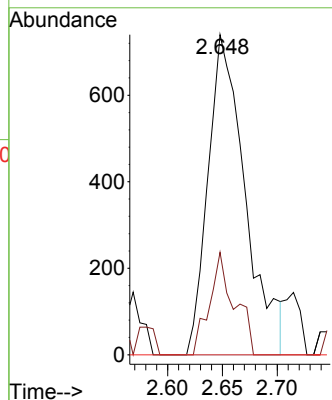


#14
 Allyl chloride
 Concen: 0.670 ug/l
 RT: 2.648 min Scan# 213
 Delta R.T. -0.012 min
 Lab File: VX041848.D
 Acq: 13 Jun 2024 12:58

Instrument :
 MSVOA_X
 ClientSampleId :

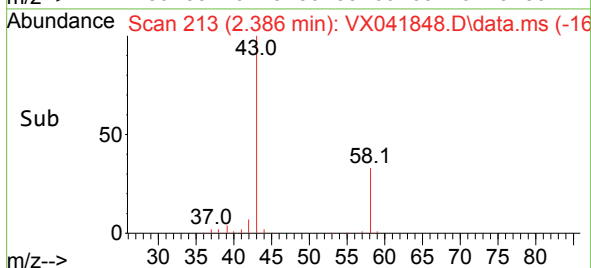
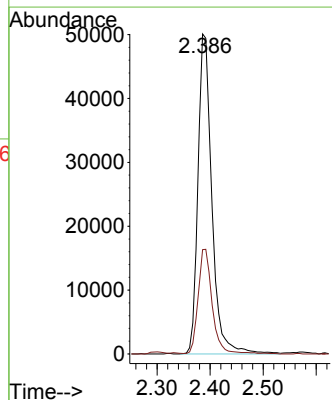
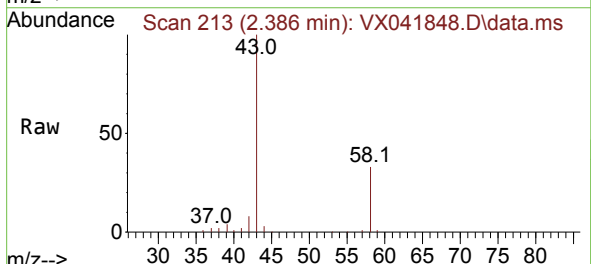


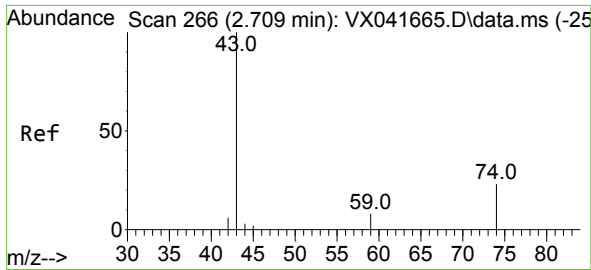
Tgt Ion: 41 Resp: 1744
 Ion Ratio Lower Upper
 41 100
 39 21.6 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 93.922 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX041848.D
 Acq: 13 Jun 2024 12:58

Tgt Ion: 43 Resp: 91441
 Ion Ratio Lower Upper
 43 100
 58 32.6 21.9 32.9

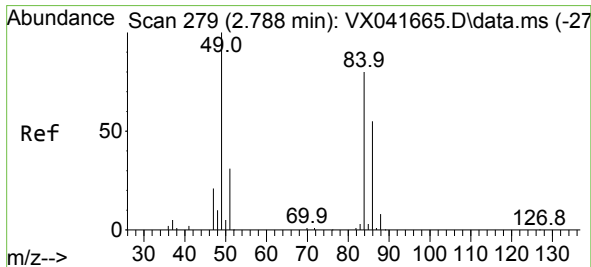
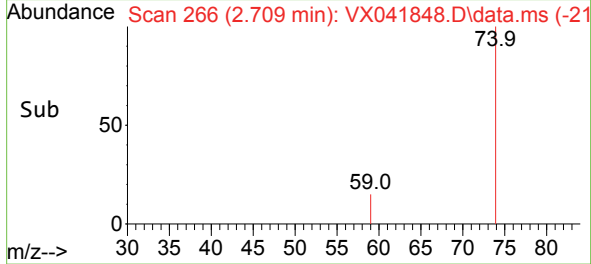
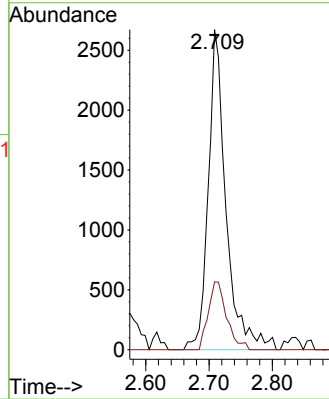
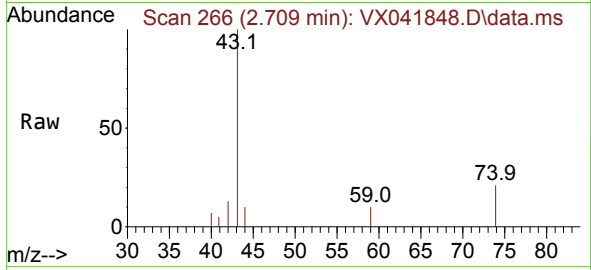




#18
Methyl Acetate
Concen: 2.511 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

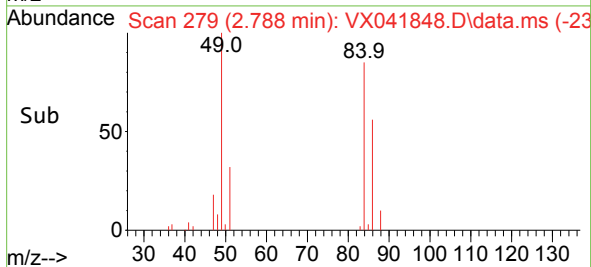
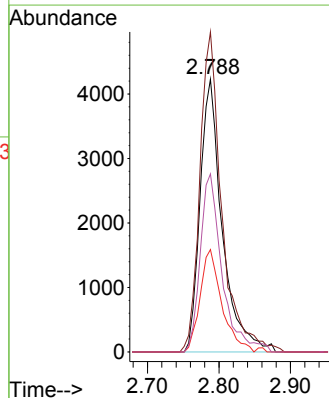
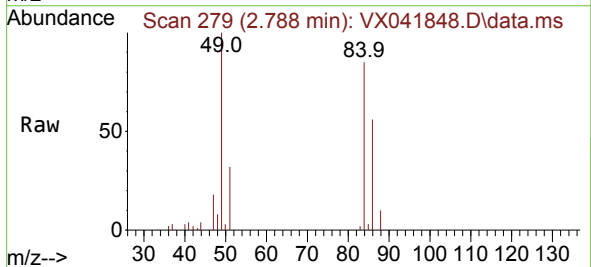
Instrument :
MSVOA_X
ClientSampleId :

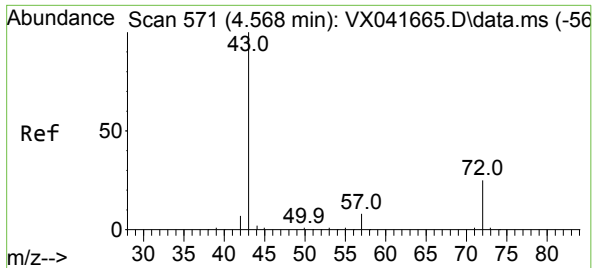
Tgt Ion: 43 Resp: 5218
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 4.675 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Tgt Ion: 84 Resp: 9105
Ion Ratio Lower Upper
84 100
49 117.3 103.6 155.4
51 37.5 33.8 50.6
86 65.3 49.4 74.0

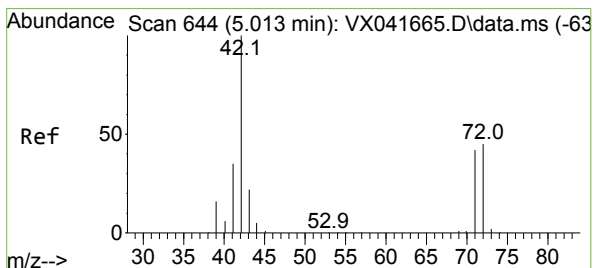
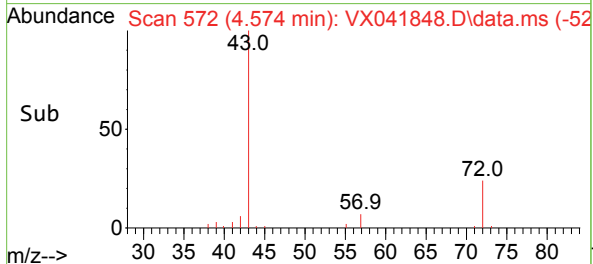
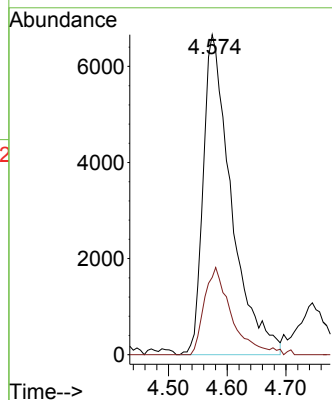
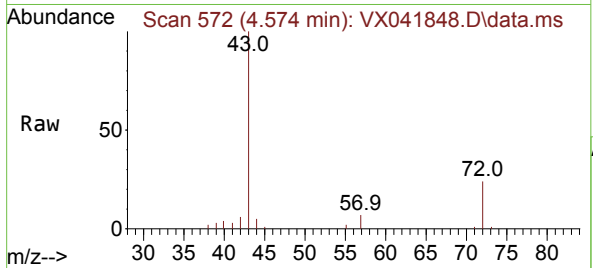




#25
2-Butanone
Concen: 16.396 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

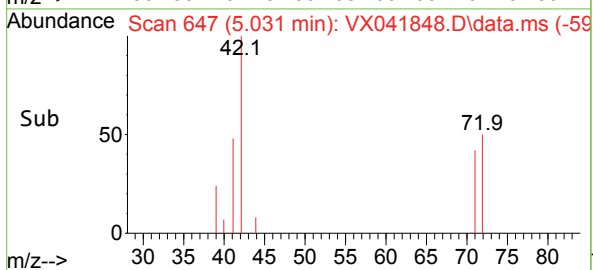
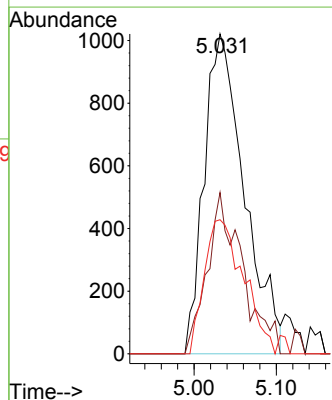
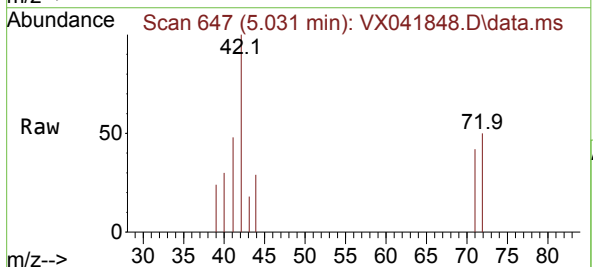
Instrument :
MSVOA_X
ClientSampleId :

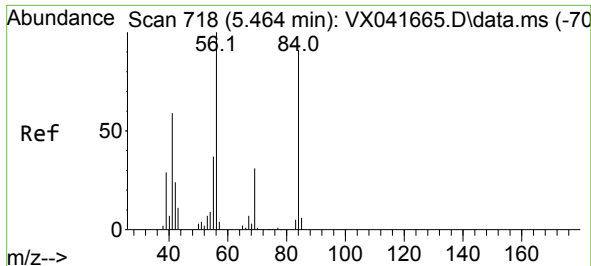
Tgt Ion: 43 Resp: 22178
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.2



#29
Tetrahydrofuran
Concen: 4.061 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

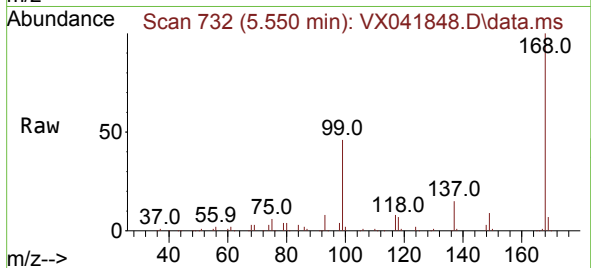
Tgt Ion: 42 Resp: 3464
Ion Ratio Lower Upper
42 100
72 44.3 34.2 51.4
71 41.1 32.2 48.2



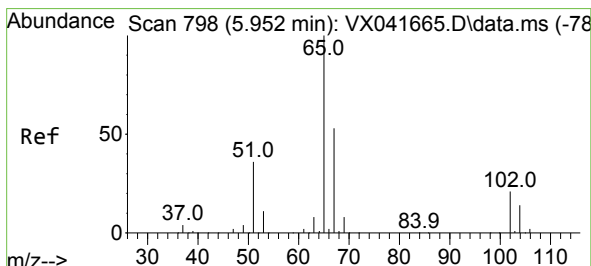
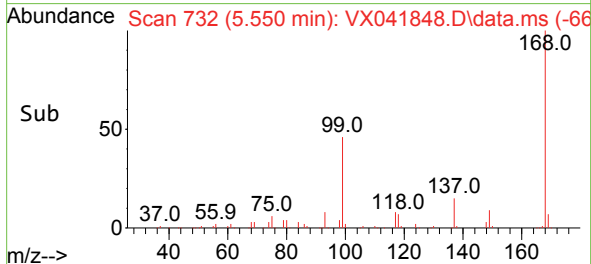
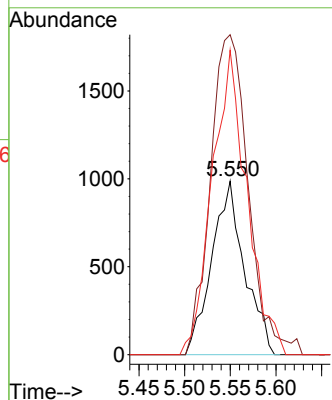


#31
Cyclohexane
Concen: 0.958 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Instrument :
MSVOA_X
ClientSampleId :

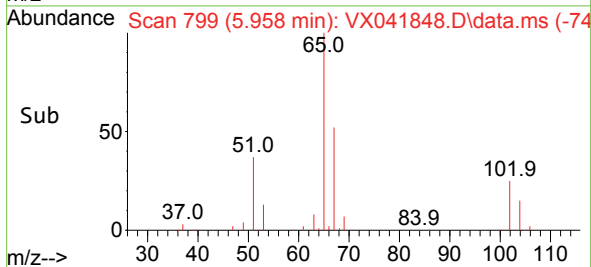
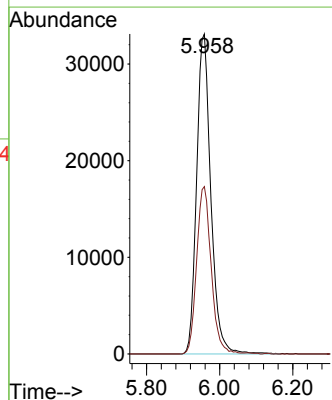
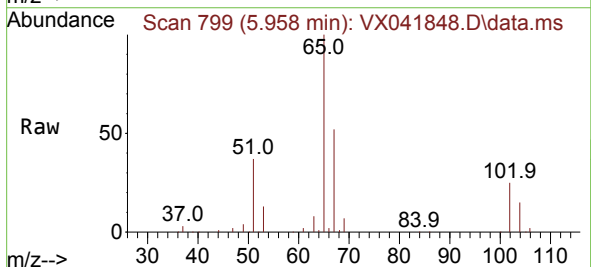


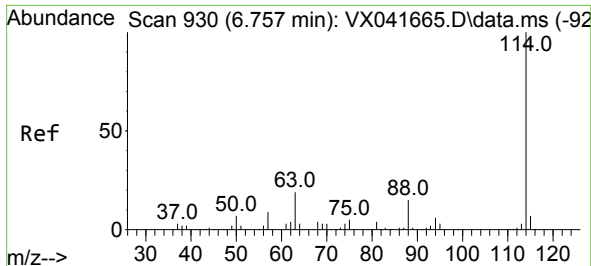
Tgt Ion: 56 Resp: 2462
Ion Ratio Lower Upper
56 100
69 184.6 23.4 35.2#
84 175.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.203 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Tgt Ion: 65 Resp: 89674
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

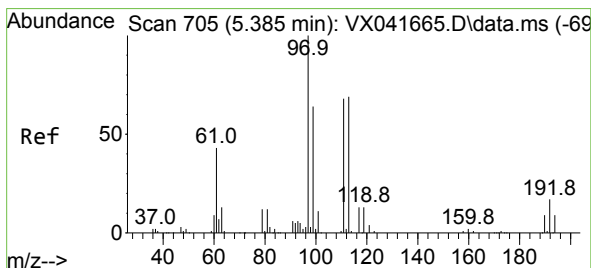
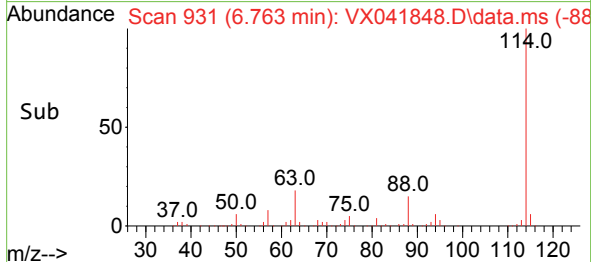
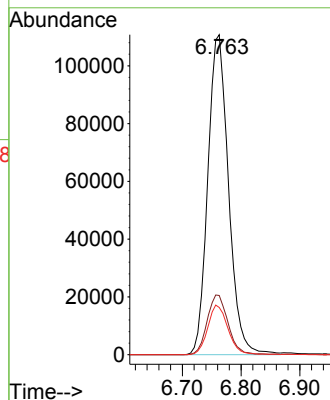
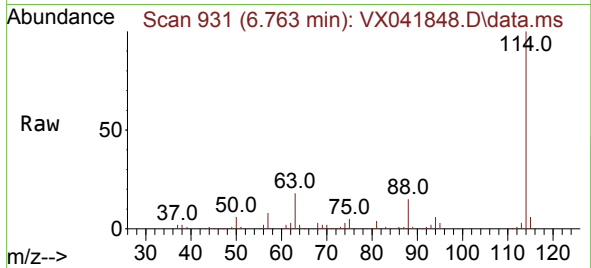




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

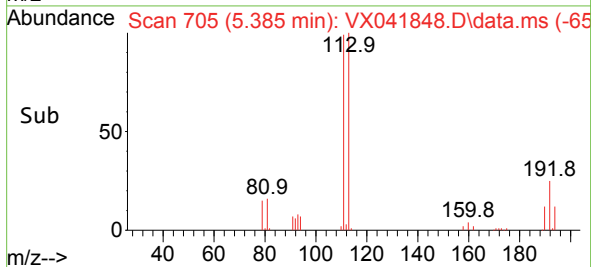
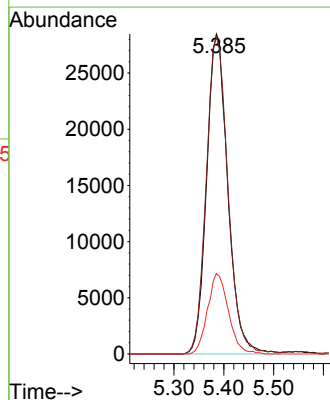
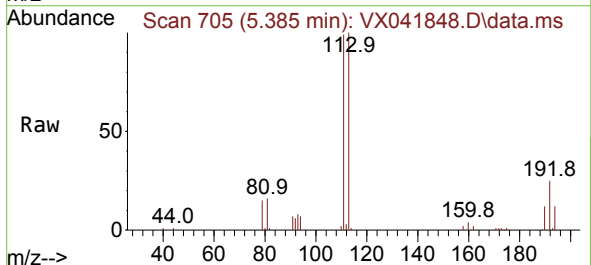
Instrument :
MSVOA_X
ClientSampleId :

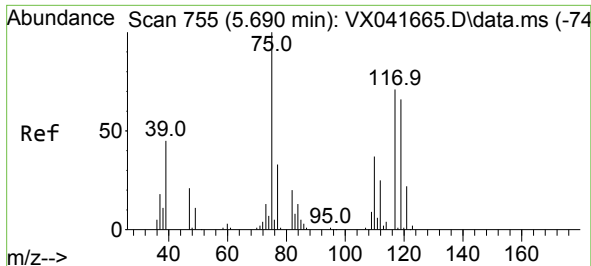
Tgt Ion:114 Resp: 271642
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.634 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

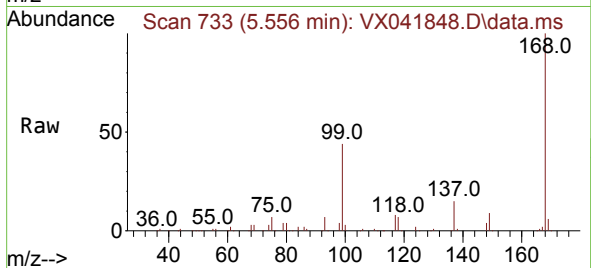
Tgt Ion:113 Resp: 83828
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 24.8 13.3 19.9#



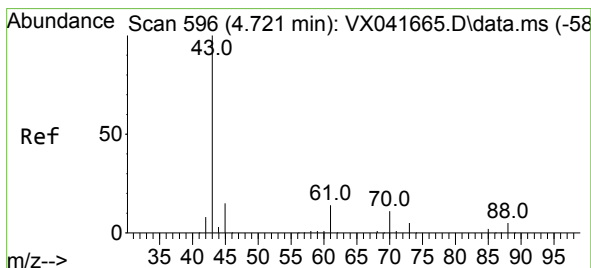
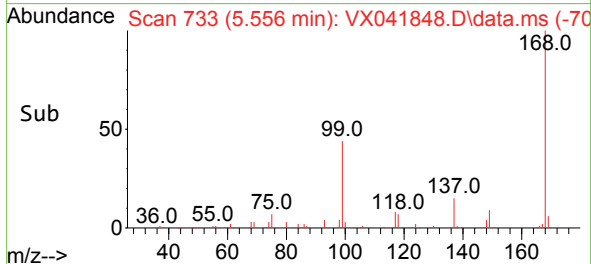
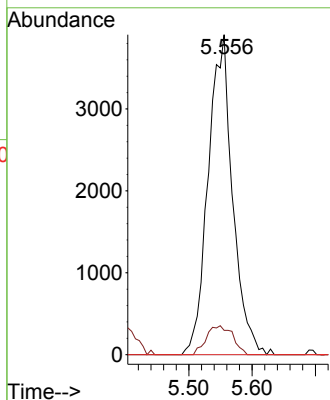


#36
1,1-Dichloropropene
Concen: 4.613 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Instrument :
MSVOA_X
ClientSampleId :

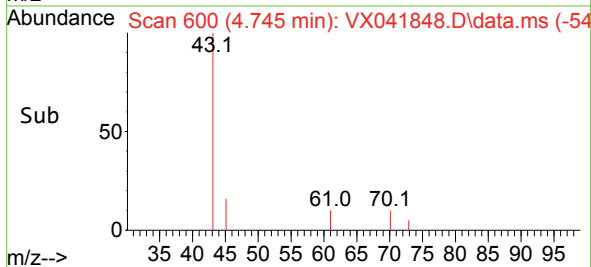
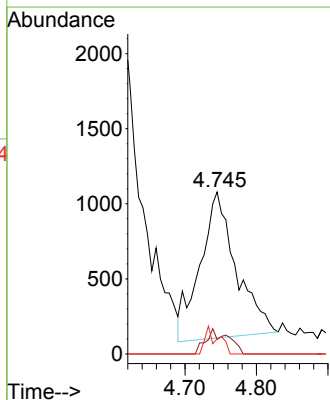
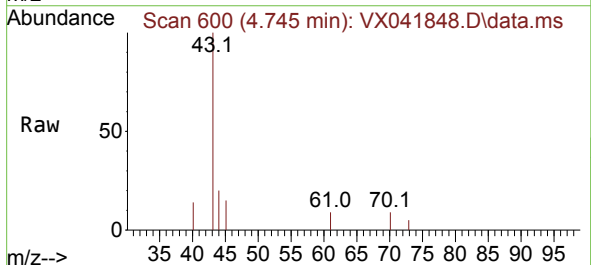


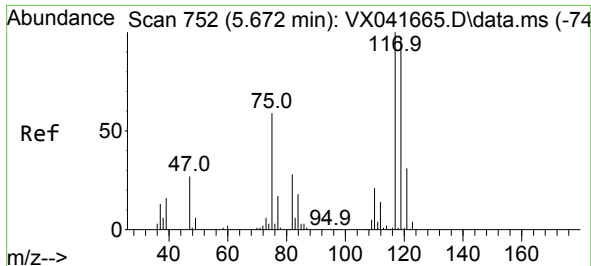
Tgt Ion: 75 Resp: 10490
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.189 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.024 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

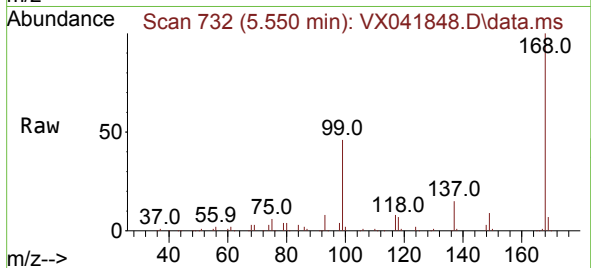
Tgt Ion: 43 Resp: 3413
Ion Ratio Lower Upper
43 100
61 6.7 10.6 16.0#
70 6.8 8.3 12.5#



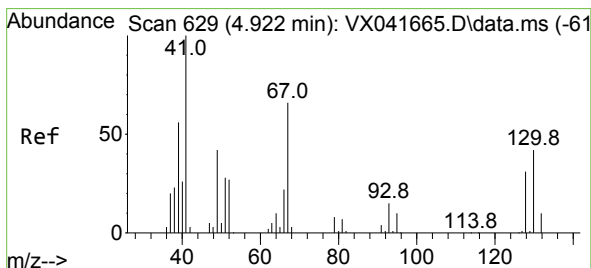
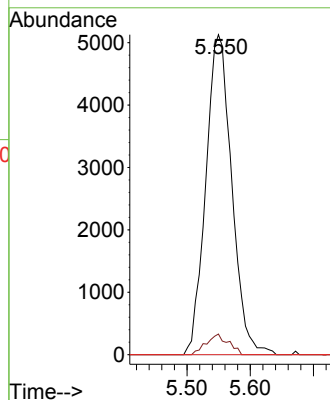
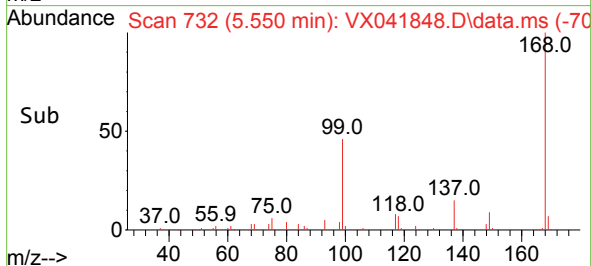


#38
Carbon Tetrachloride
Concen: 5.661 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Instrument :
MSVOA_X
ClientSampleId :

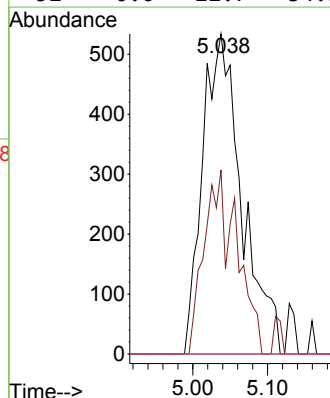
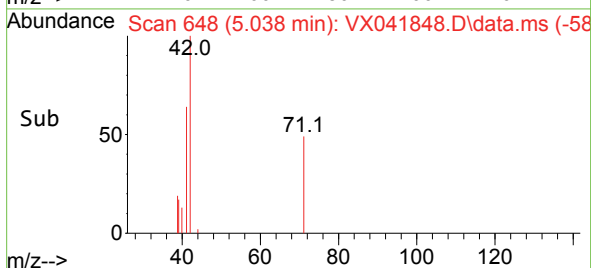
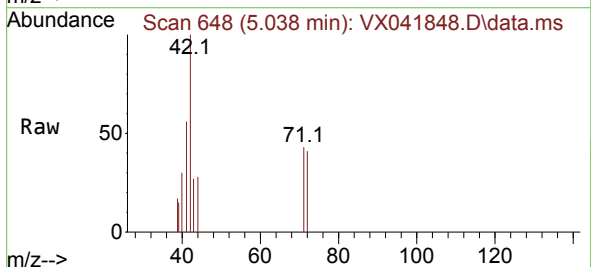


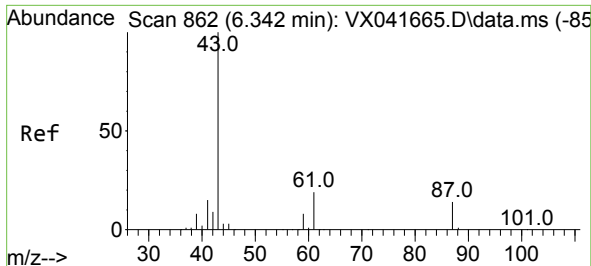
Tgt Ion:117 Resp: 14626
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 1.387 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.116 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Tgt Ion: 41 Resp: 1947
Ion Ratio Lower Upper
41 100
39 29.2 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

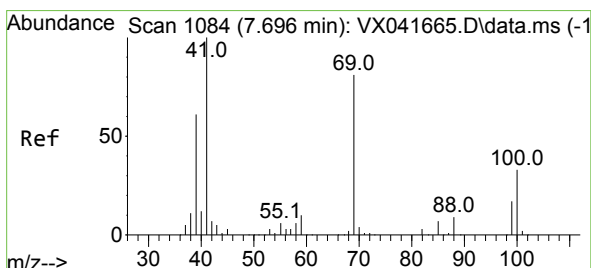
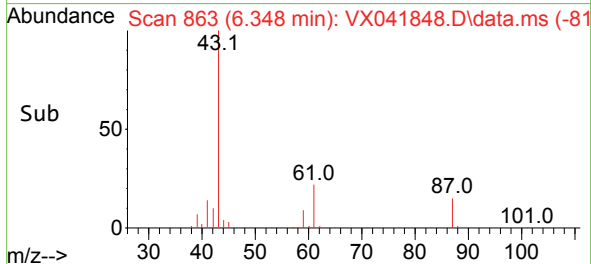
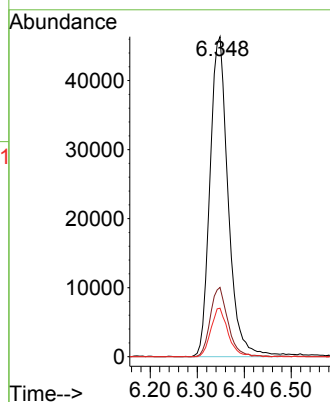
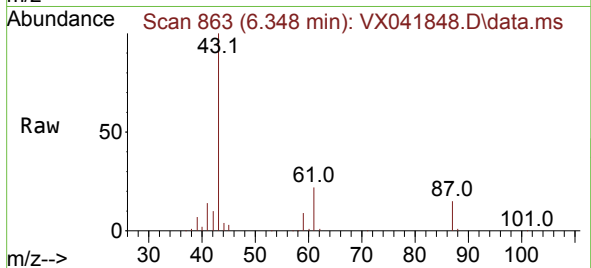




#43
Isopropyl Acetate
Concen: 28.651 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

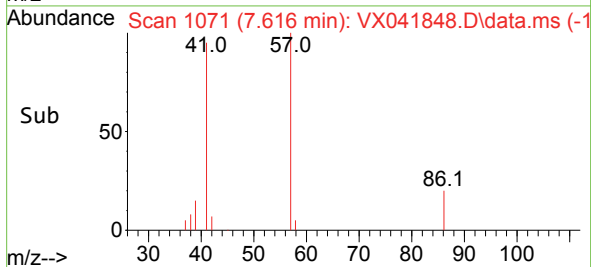
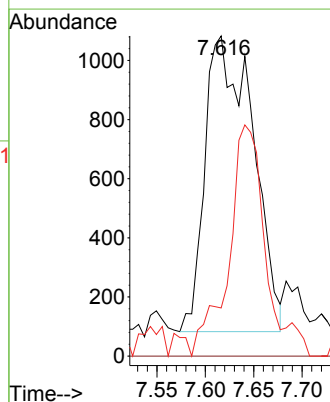
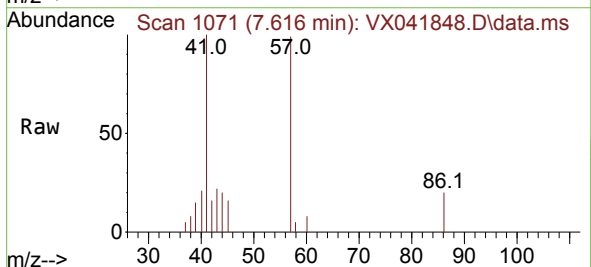
Instrument :
MSVOA_X
ClientSampleId :

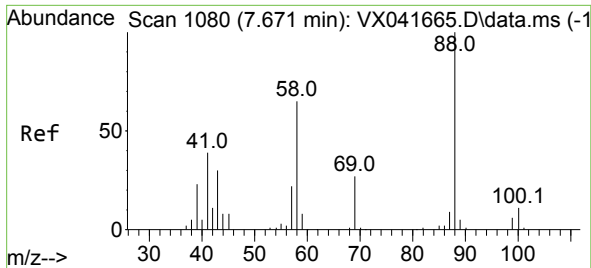
Tgt Ion: 43 Resp: 124148
Ion Ratio Lower Upper
43 100
61 21.2 15.2 22.8
87 14.4 9.8 14.6



#48
Methyl methacrylate
Concen: 1.647 ug/l
RT: 7.616 min Scan# 1071
Delta R.T. -0.079 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Tgt Ion: 41 Resp: 3427
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 0.0 47.7 71.5#

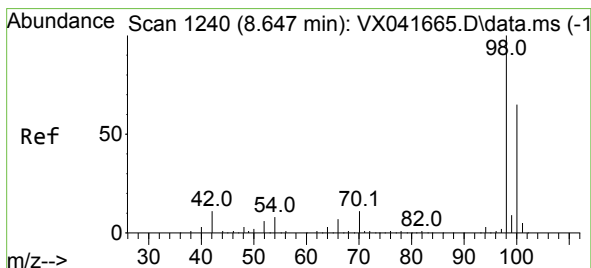
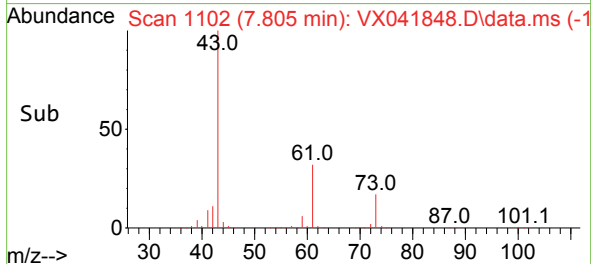
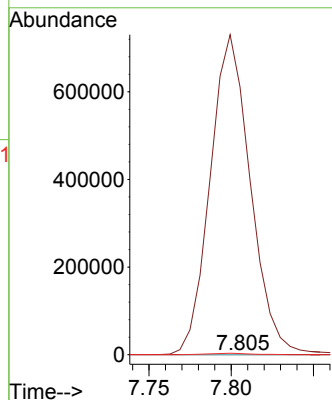
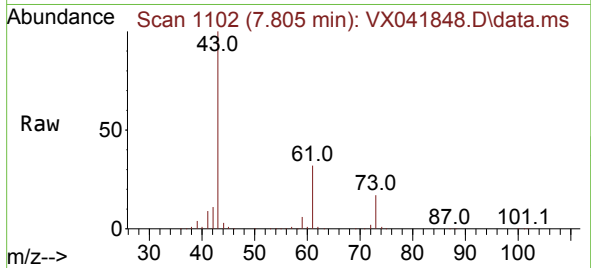




#49
1,4-Dioxane
Concen: 6.554 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.134 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

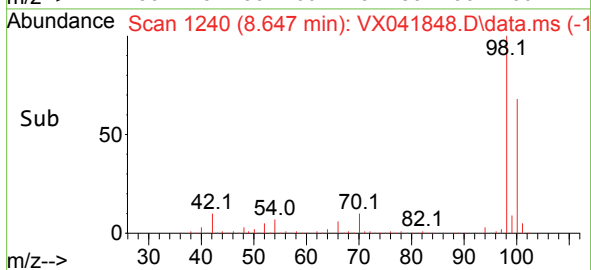
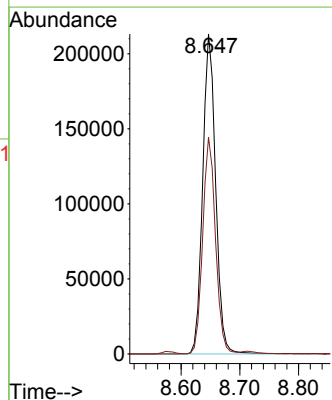
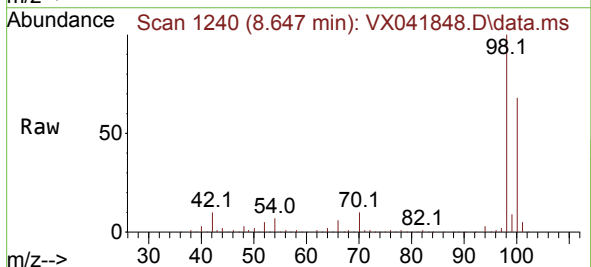
Instrument :
MSVOA_X
ClientSampleId :

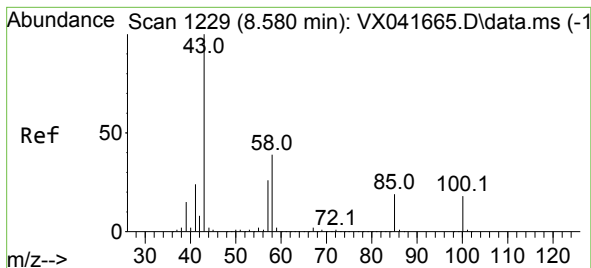
Tgt Ion: 88 Resp: 298
Ion Ratio Lower Upper
88 100
43 422040.6 0.0 0.0#
58 1952.0 60.1 90.1#



#50
Toluene-d8
Concen: 49.634 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Tgt Ion: 98 Resp: 325715
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

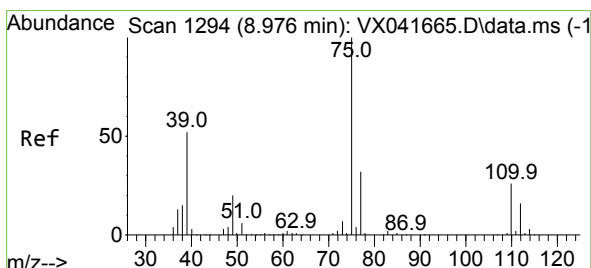
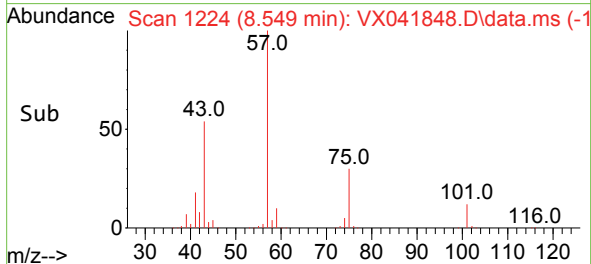
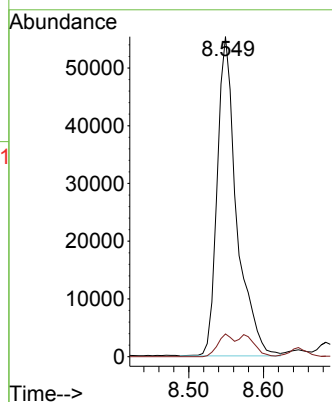
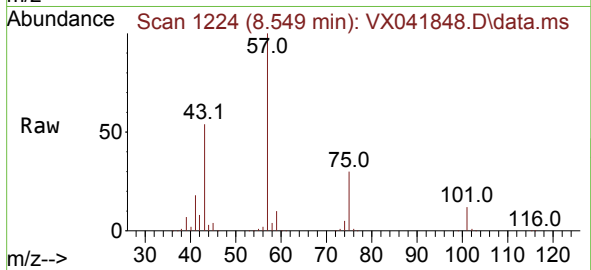




#51
4-Methyl-2-Pentanone
Concen: 35.678 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

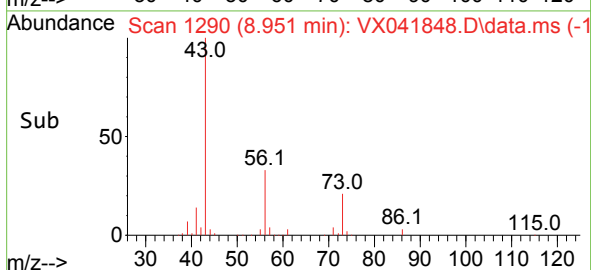
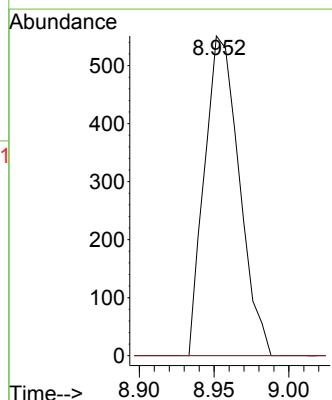
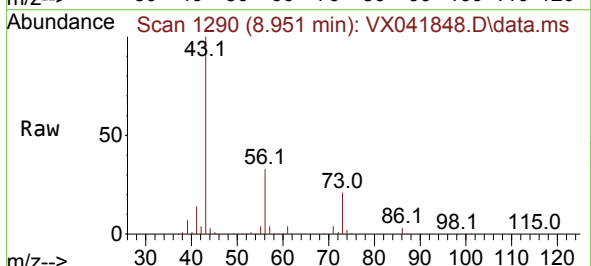
Instrument :
MSVOA_X
ClientSampleId :

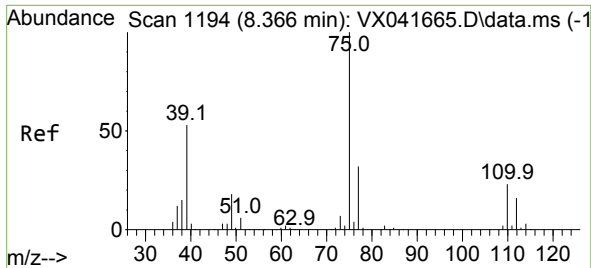
Tgt Ion: 43 Resp: 100248
Ion Ratio Lower Upper
43 100
58 5.7 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.376 ug/l
RT: 8.951 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

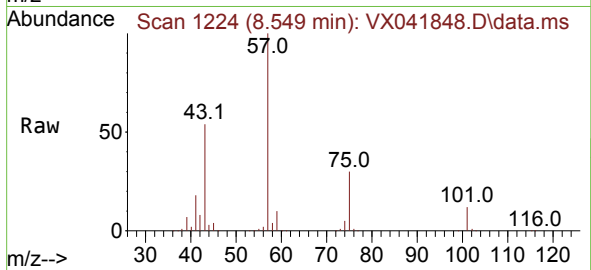
Tgt Ion: 75 Resp: 889
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



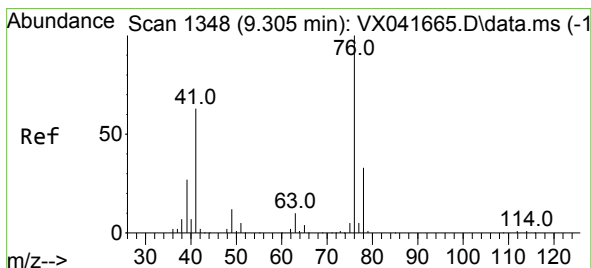
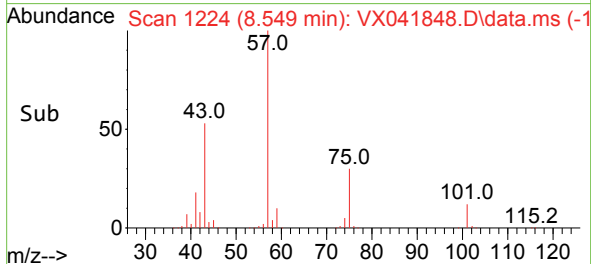
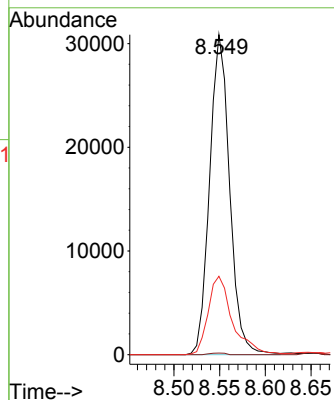


#54
cis-1,3-Dichloropropene
Concen: 17.982 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Instrument :
MSVOA_X
ClientSampleId :

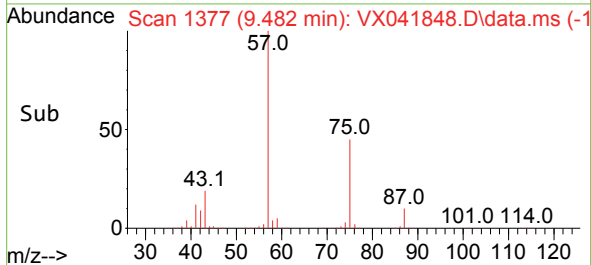
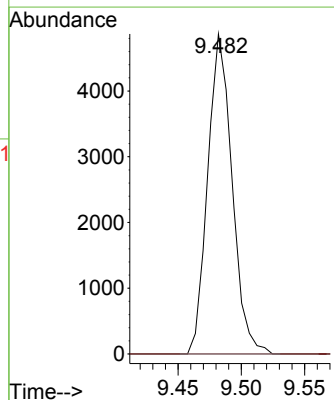
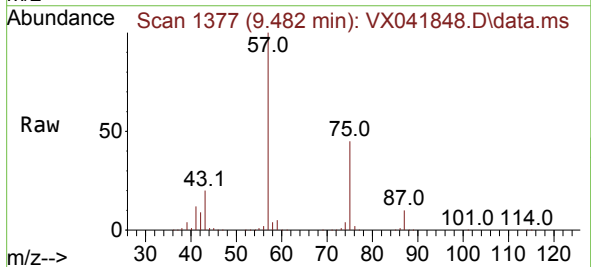


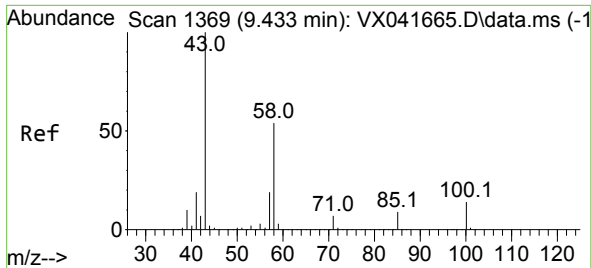
Tgt Ion: 75 Resp: 46999
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 24.5 46.7 70.1#



#57
1,3-Dichloropropane
Concen: 2.161 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Tgt Ion: 76 Resp: 6523
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

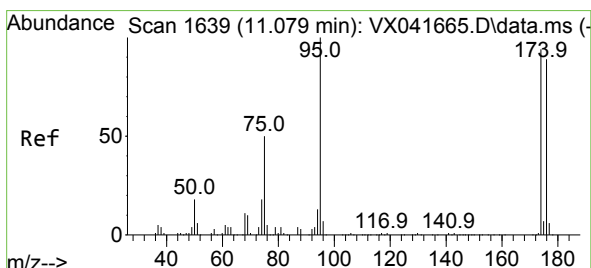
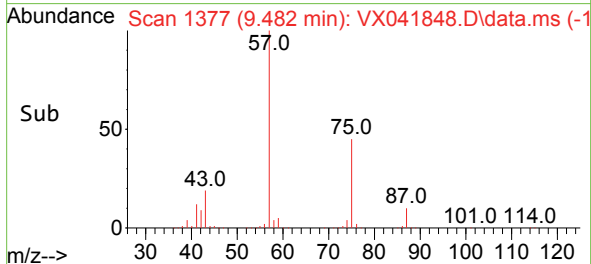
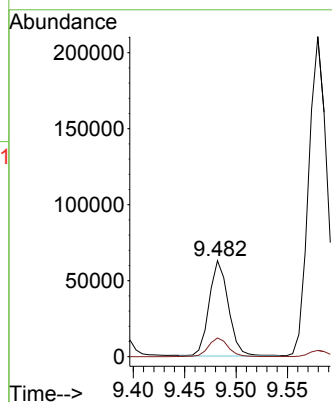
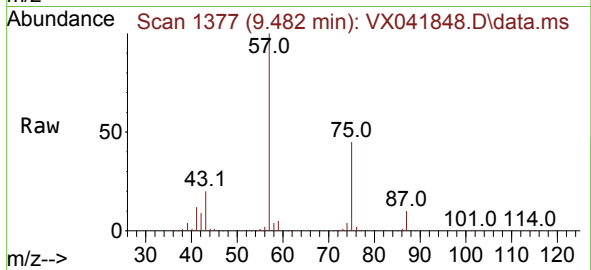




#59
2-Hexanone
Concen: 38.322 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

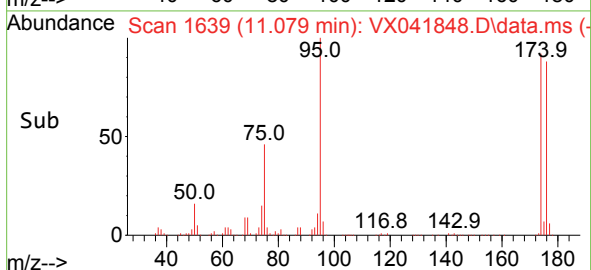
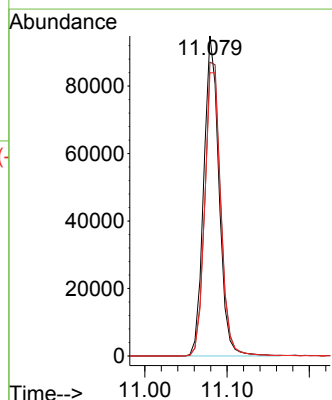
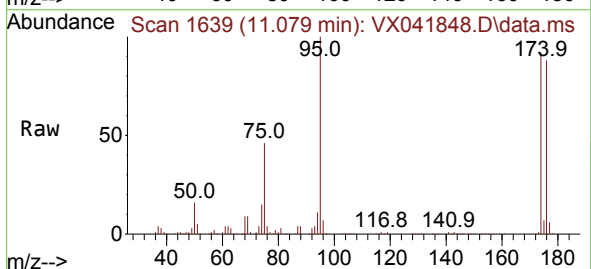
Instrument :
MSVOA_X
ClientSampleId :

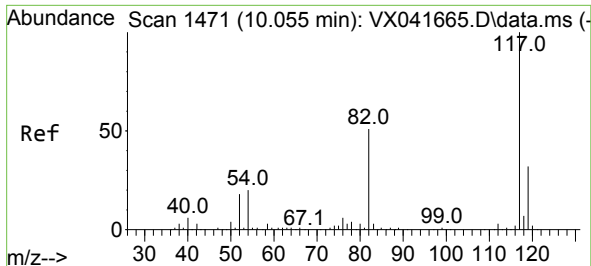
Tgt Ion: 43 Resp: 82094
Ion Ratio Lower Upper
43 100
58 20.5 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 50.339 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Tgt Ion: 95 Resp: 121923
Ion Ratio Lower Upper
95 100
174 96.5 0.0 135.6
176 93.3 0.0 131.0

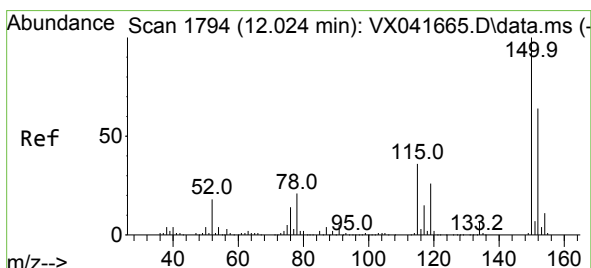
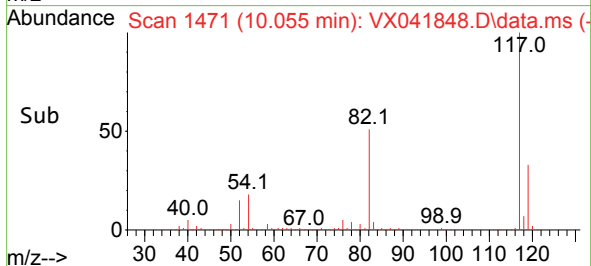
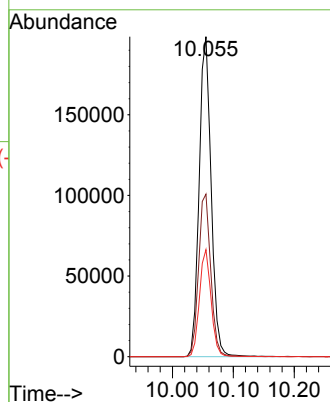
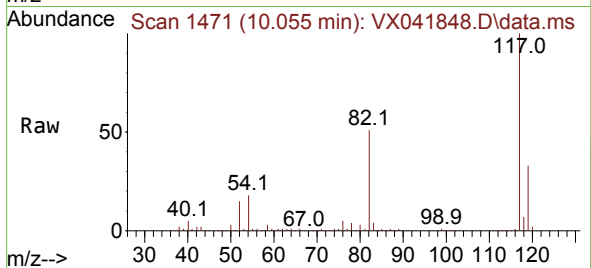




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

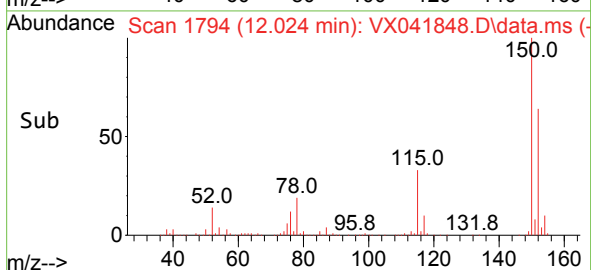
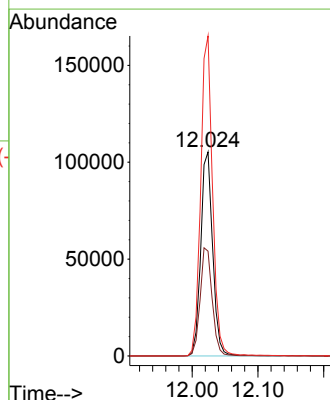
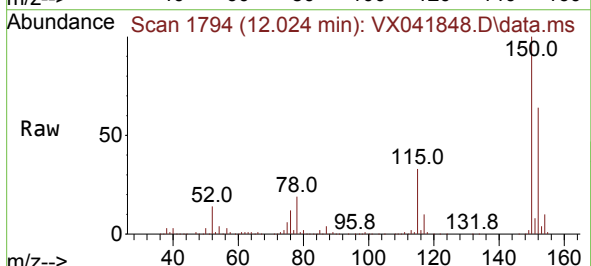
Instrument :
MSVOA_X
ClientSampleId :

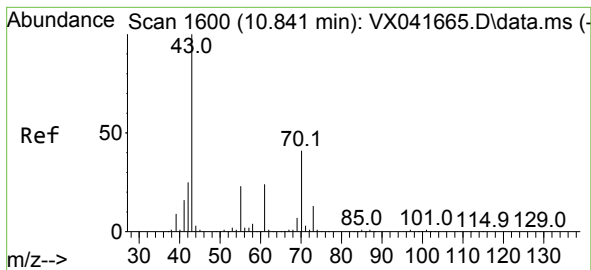
Tgt Ion:117 Resp: 271053
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 33.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Tgt Ion:152 Resp: 132712
Ion Ratio Lower Upper
152 100
115 53.8 43.3 129.9
150 156.4 0.0 345.0





#74

N-amy1 acetate

Concen: 0.261 ug/l

RT: 10.817 min Scan# 1639

Delta R.T. -0.024 min

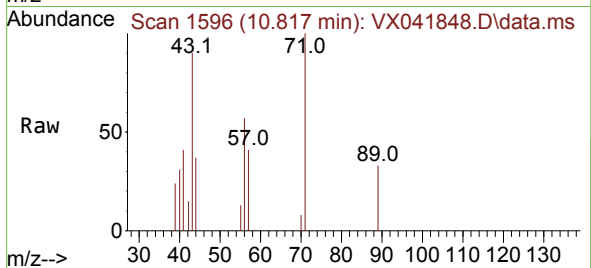
Lab File: VX041848.D

Acq: 13 Jun 2024 12:58

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 953

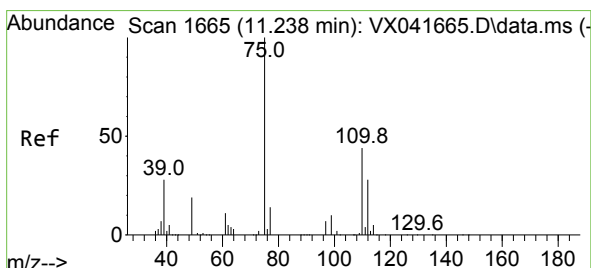
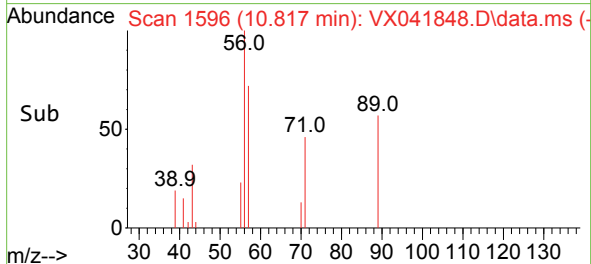
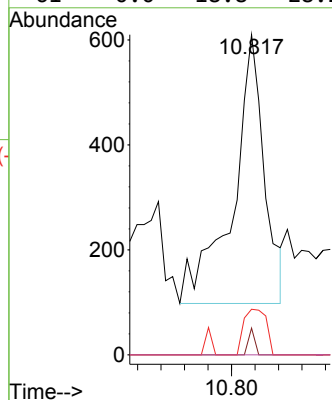
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 12.2 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 24.165 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041848.D

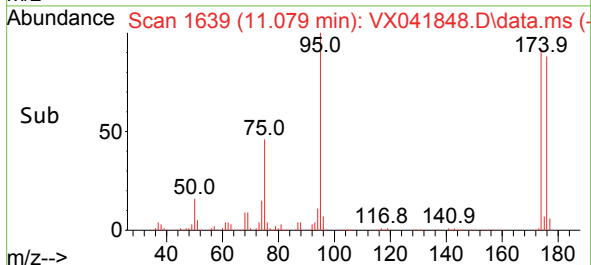
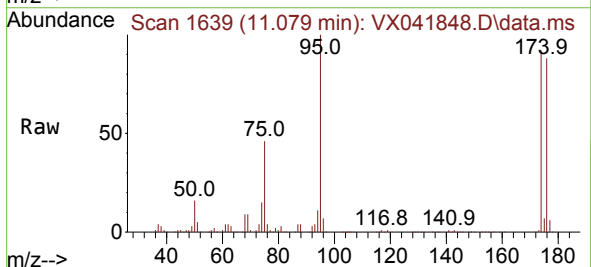
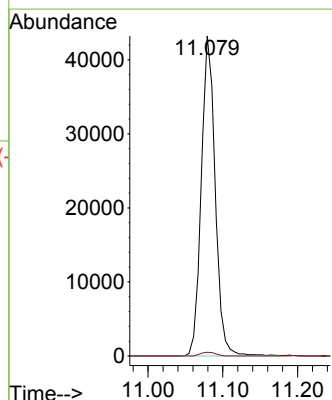
Acq: 13 Jun 2024 12:58

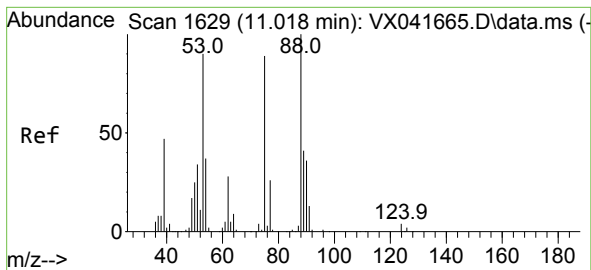
Tgt Ion: 75 Resp: 55954

Ion Ratio Lower Upper

75 100

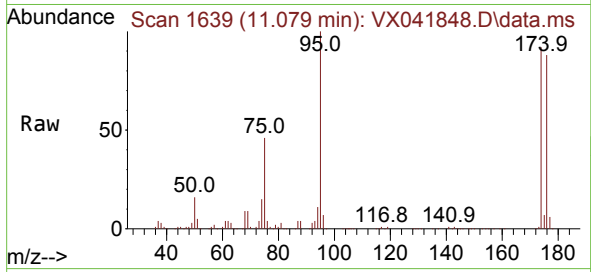
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.860 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041848.D
Acq: 13 Jun 2024 12:58

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 55954
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

