

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
 Data File : VX042265.D
 Acq On : 10 Jul 2024 14:23
 Operator : JC/MD
 Sample : PB161974ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:56:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

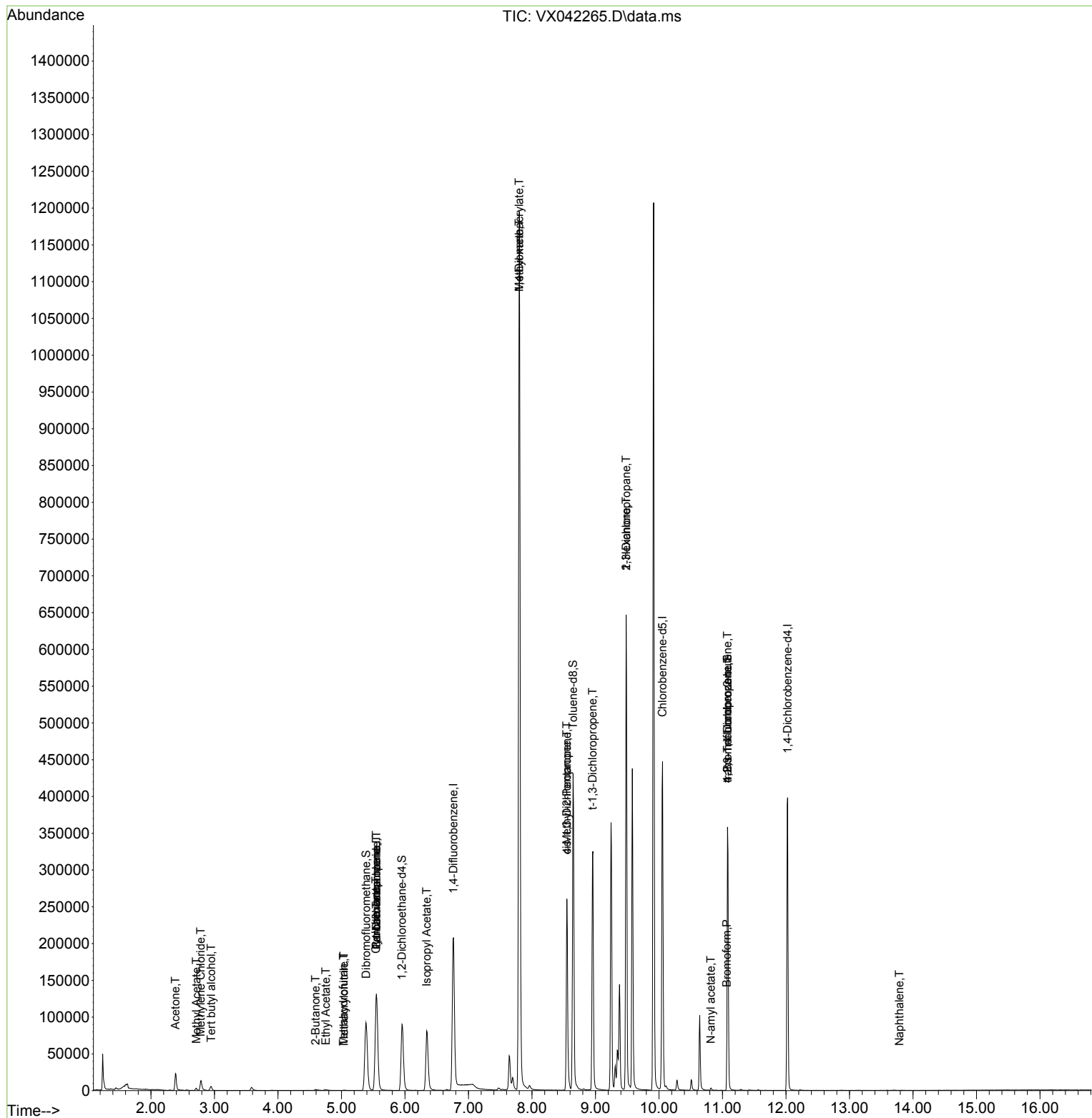
Internal Standards						
1) Pentafluorobenzene	5.550	168	146907	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	238353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86669	51.162	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.320%		
35) Dibromofluoromethane	5.385	113	82534	48.801	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.600%		
50) Toluene-d8	8.647	98	262652	44.207	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 88.420%#		
62) 4-Bromofluorobenzene	11.079	95	94255	43.036	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 86.080%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	104	Below Cal	#	1
11) Tert butyl alcohol	2.947	59	3417	10.628	ug/l	# 78
16) Acetone	2.386	43	27280	36.674	ug/l	92
18) Methyl Acetate	2.715	43	3950	1.947	ug/l	99
20) Methylene Chloride	2.782	84	8013	4.920	ug/l	# 82
25) 2-Butanone	4.593	43	1972	1.704	ug/l	# 86
29) Tetrahydrofuran	5.032	42	172	0.230	ug/l	# 34
31) Cyclohexane	5.544	56	1993	1.006	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8473	4.718	ug/l	# 51
37) Ethyl Acetate	4.751	43	3187	1.362	ug/l	# 87
38) Carbon Tetrachloride	5.550	117	11924	6.009	ug/l	# 17
41) Methacrylonitrile	5.038	41	257	0.203	ug/l	# 32
43) Isopropyl Acetate	6.342	43	112578	31.350	ug/l	94
48) Methyl methacrylate	7.799	41	96563	56.345	ug/l	# 45
49) 1,4-Dioxane	7.799	88	119	22.503	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	83011	33.559	ug/l	# 52
53) t-1,3-Dichloropropene	8.952	75	834	1.290	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	43571	19.975	ug/l	# 51
57) 1,3-Dichloropropane	9.482	76	6202	2.389	ug/l	# 42
59) 2-Hexanone	9.482	43	71406	37.690	ug/l	# 56
71) Bromoform	11.067	173	43	0.904	ug/l	# 29
74) N-amyl acetate	10.817	43	821	0.312	ug/l	# 44
76) 1,2,3-Trichloropropane	11.079	75	42998	24.288	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	42998	68.977	ug/l	# 5
95) Naphthalene	13.786	128	181	0.773	ug/l	# 69

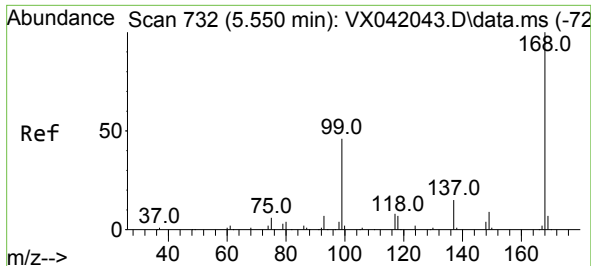
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
Data File : VX042265.D
Acq On : 10 Jul 2024 14:23
Operator : JC/MD
Sample : PB161974ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

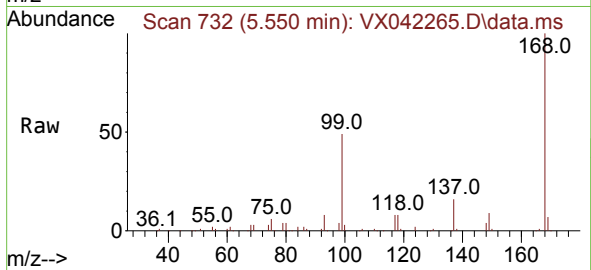
Quant Time: Jul 11 00:56:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



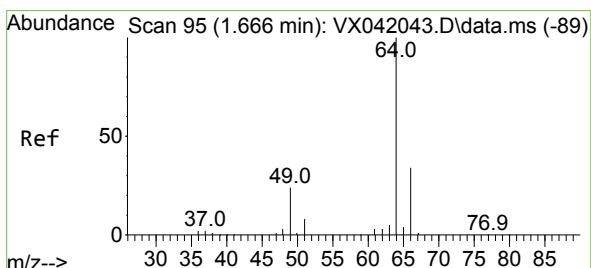
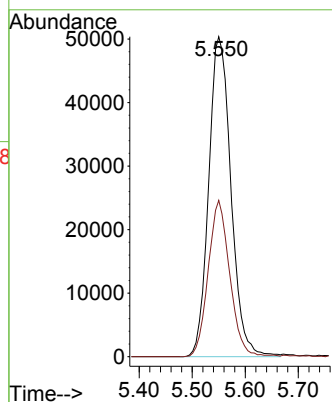
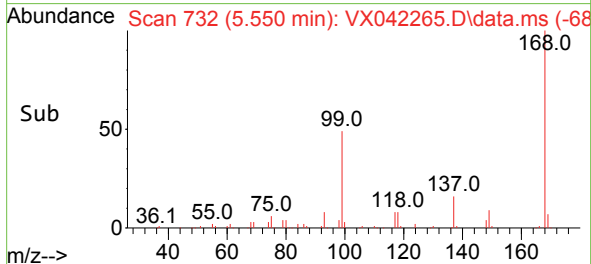


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :

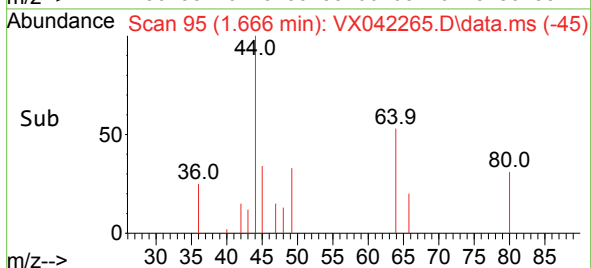
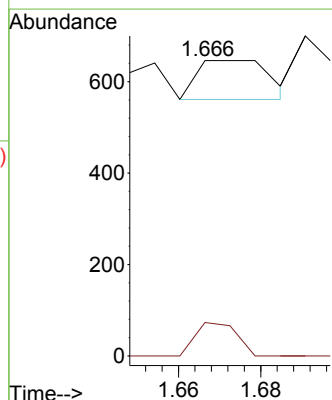
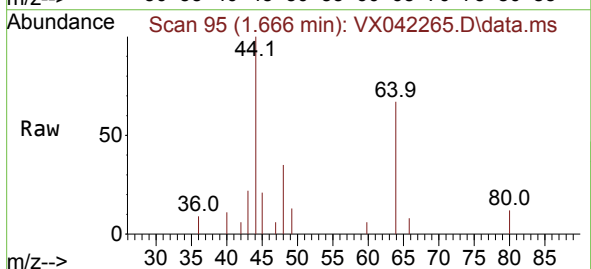


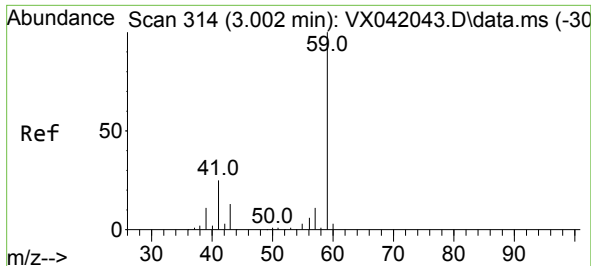
Tgt Ion:168 Resp: 146907
Ion Ratio Lower Upper
168 100
99 48.9 56.6 85.0#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 85.9 25.1 37.7#





#11

Tert butyl alcohol

Concen: 10.628 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.061 min

Lab File: VX042265.D

Acq: 10 Jul 2024 14:23

Instrument :

MSVOA_X

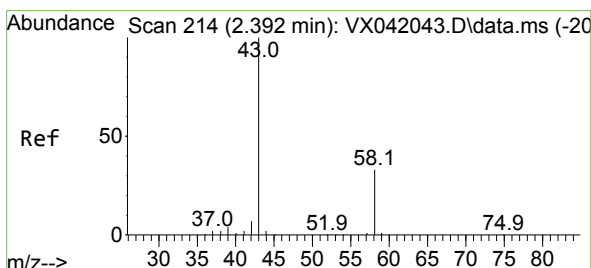
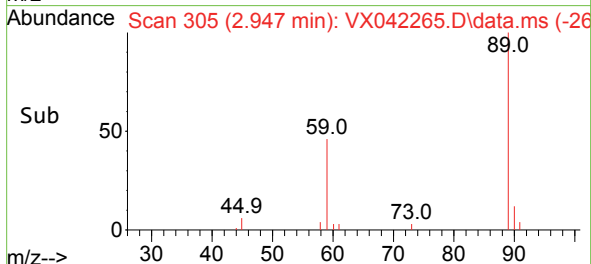
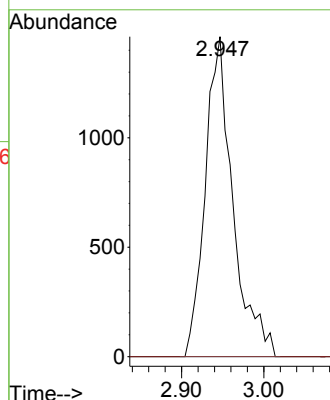
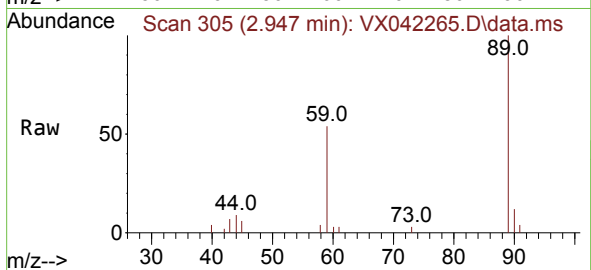
ClientSampleId :

Tgt Ion: 59 Resp: 3417

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 36.674 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX042265.D

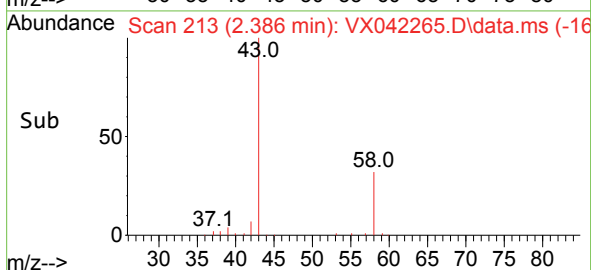
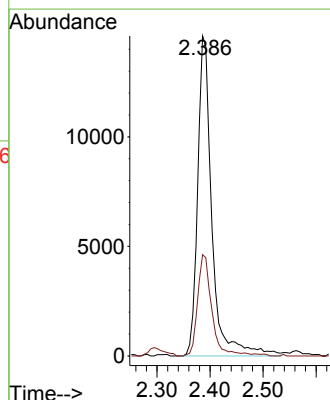
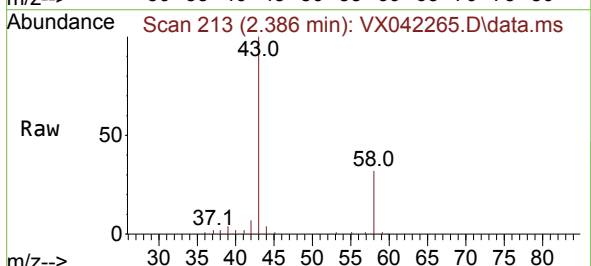
Acq: 10 Jul 2024 14:23

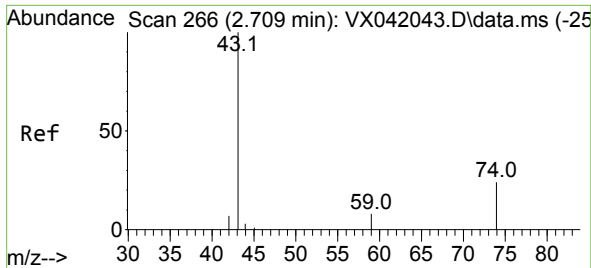
Tgt Ion: 43 Resp: 27280

Ion Ratio Lower Upper

43 100

58 31.6 21.9 32.9

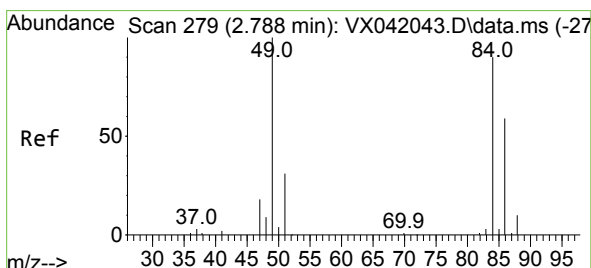
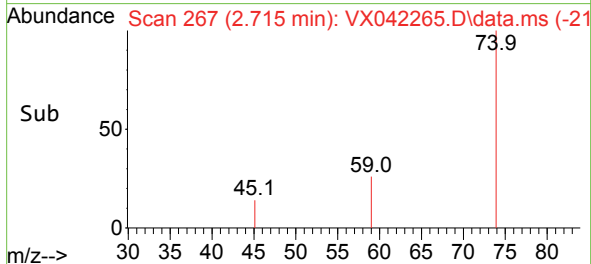
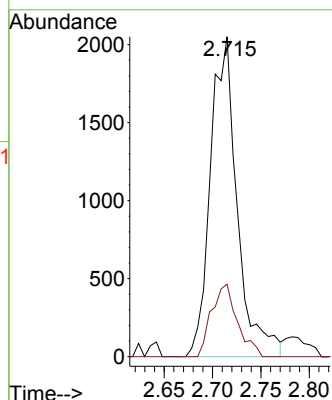
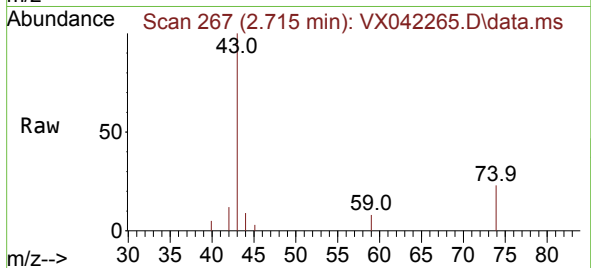




#18
Methyl Acetate
Concen: 1.947 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

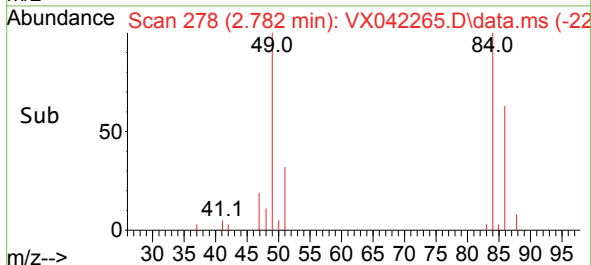
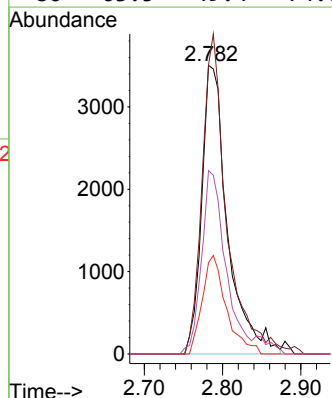
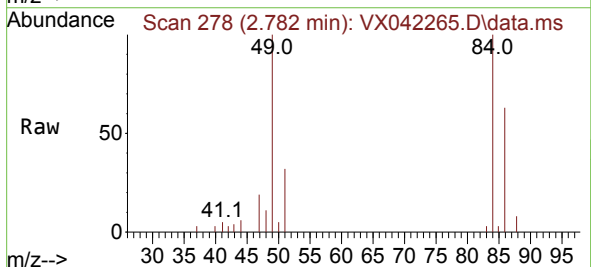
Instrument :
MSVOA_X
ClientSampleId :

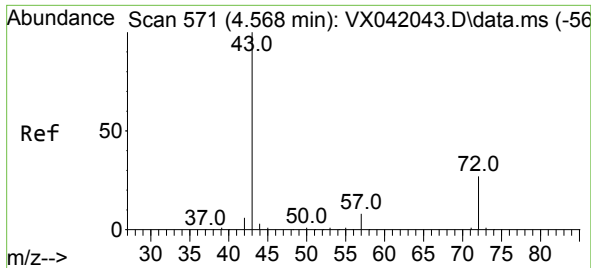
Tgt Ion: 43 Resp: 3950
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.8



#20
Methylene Chloride
Concen: 4.920 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Tgt Ion: 84 Resp: 8013
Ion Ratio Lower Upper
84 100
49 100.1 103.6 155.4#
51 31.6 33.8 50.6#
86 63.5 49.4 74.0

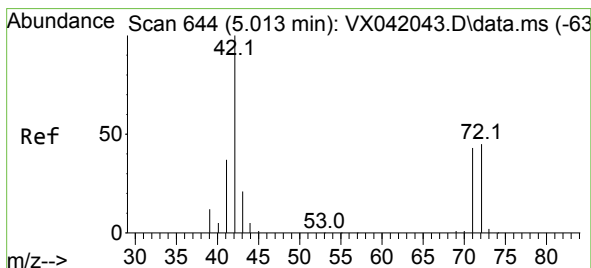
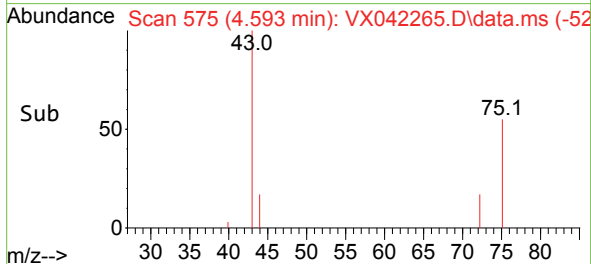
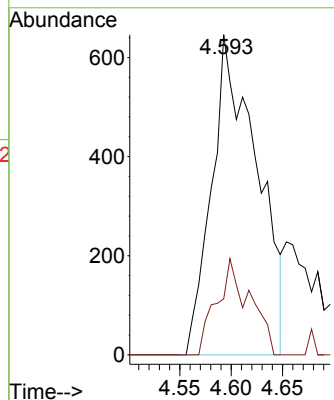
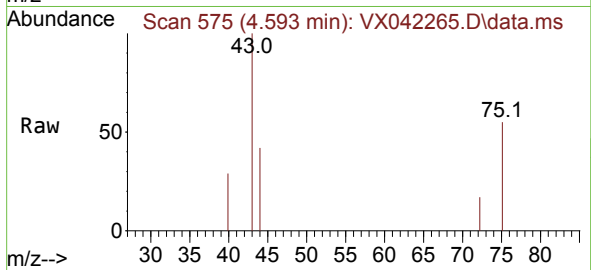




#25
2-Butanone
Concen: 1.704 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

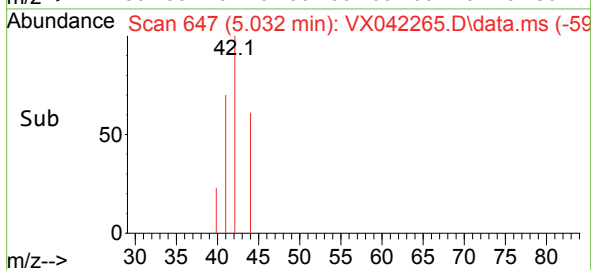
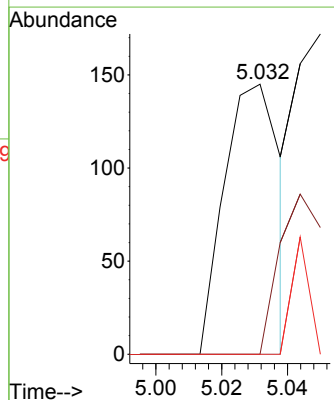
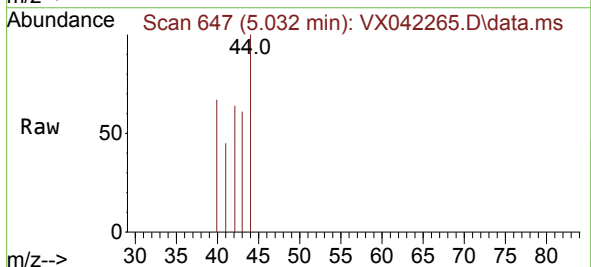
Instrument :
MSVOA_X
ClientSampleId :

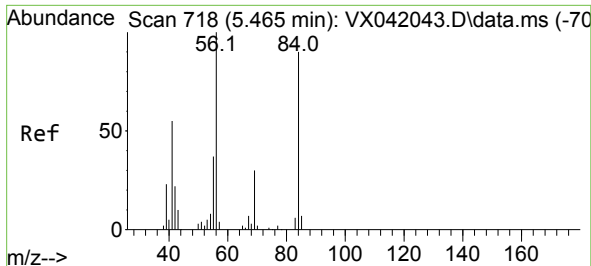
Tgt Ion: 43 Resp: 1972
Ion Ratio Lower Upper
43 100
72 17.5 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.230 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.012 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

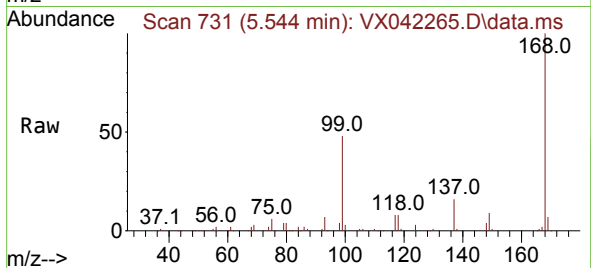
Tgt Ion: 42 Resp: 172
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#



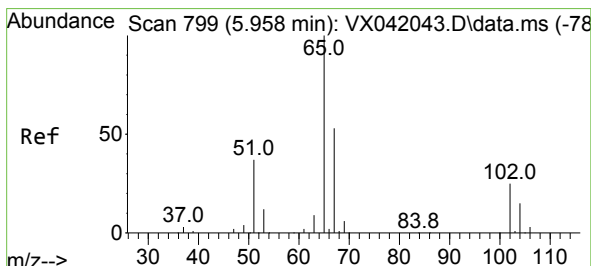
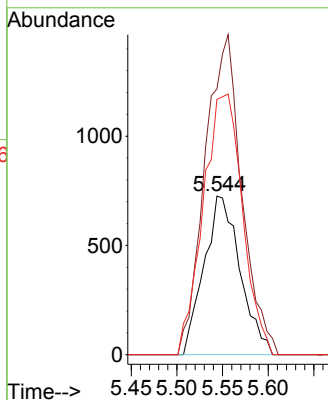
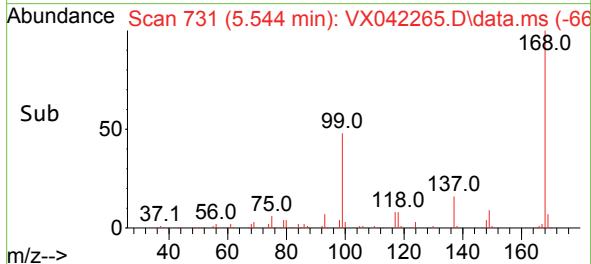


#31
Cyclohexane
Concen: 1.006 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :

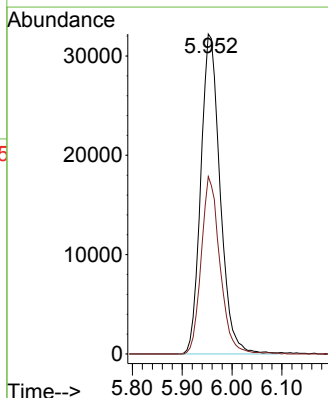
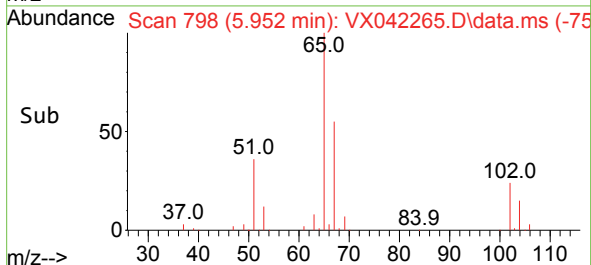
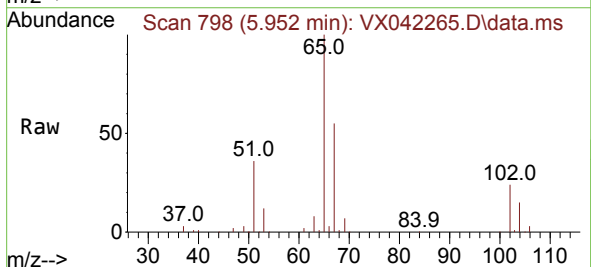


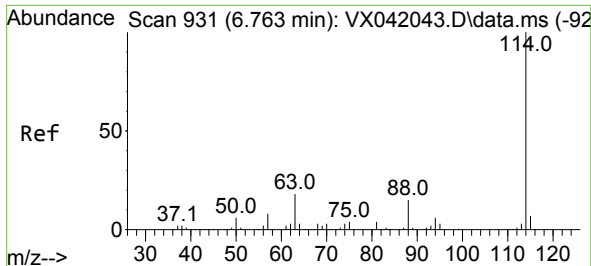
Tgt Ion: 56 Resp: 1993
Ion Ratio Lower Upper
56 100
69 167.6 23.4 35.2#
84 168.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.162 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Tgt Ion: 65 Resp: 86669
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

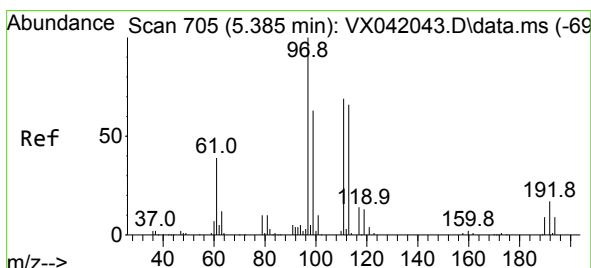
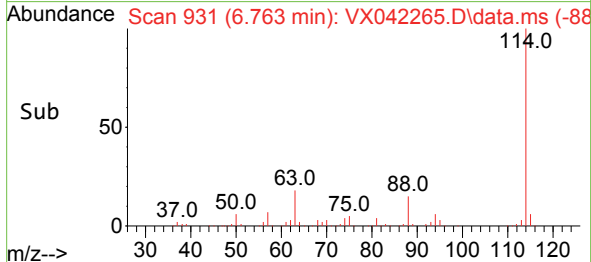
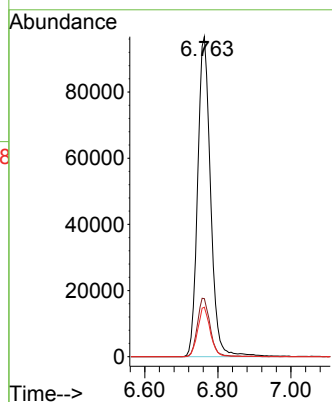
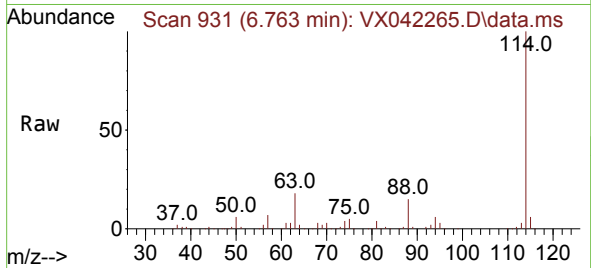




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

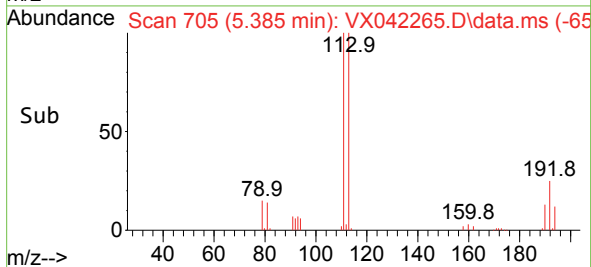
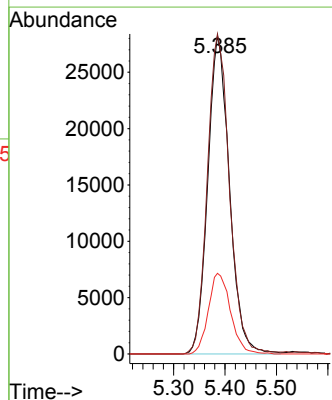
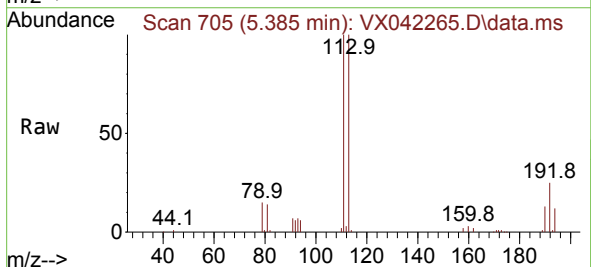
Instrument :
MSVOA_X
ClientSampleId :

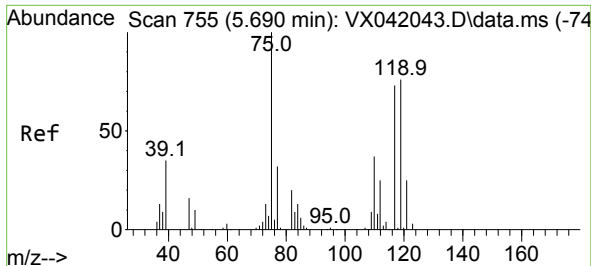
Tgt Ion:114 Resp: 238353
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.801 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

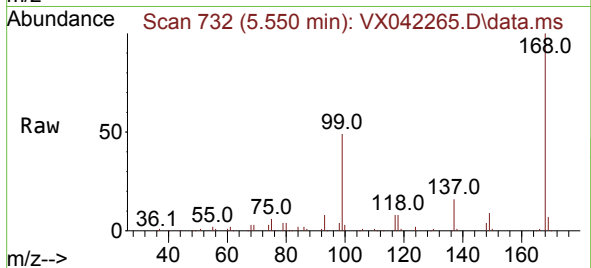
Tgt Ion:113 Resp: 82534
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 26.0 13.3 19.9#



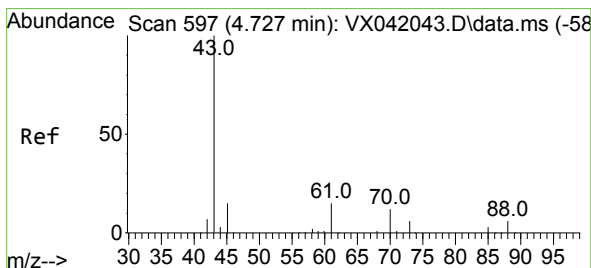
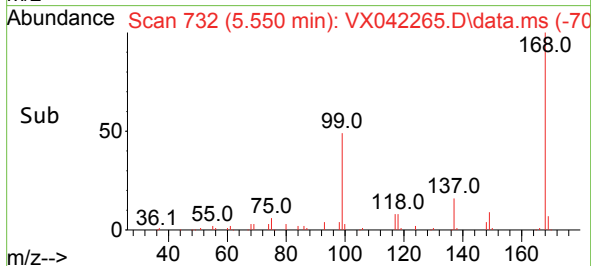
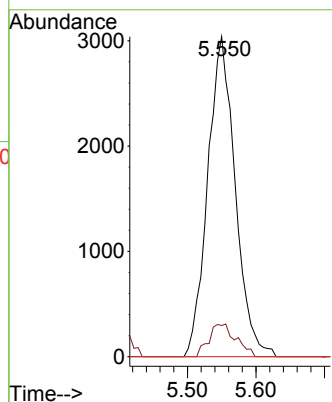


#36
1,1-Dichloropropene
Concen: 4.718 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :

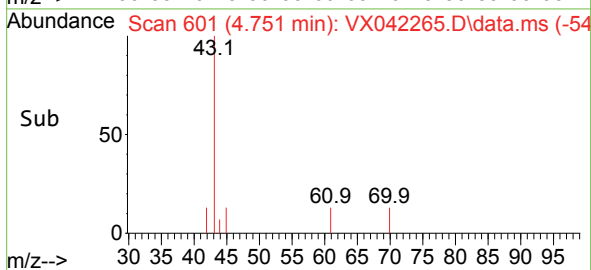
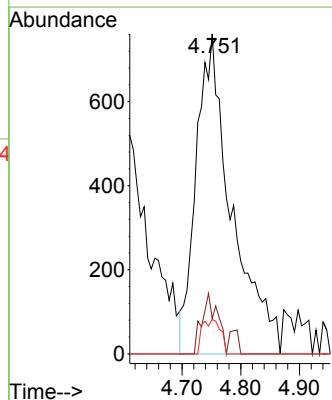
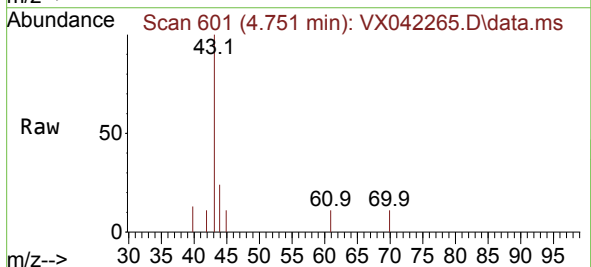


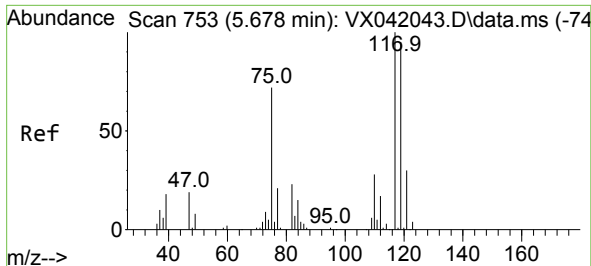
Tgt Ion: 75 Resp: 8473
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.362 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.025 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

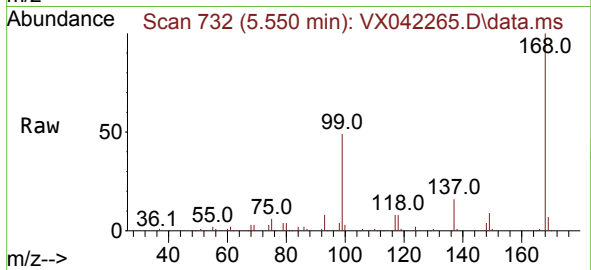
Tgt Ion: 43 Resp: 3187
Ion Ratio Lower Upper
43 100
61 8.4 10.6 16.0#
70 5.6 8.3 12.5#



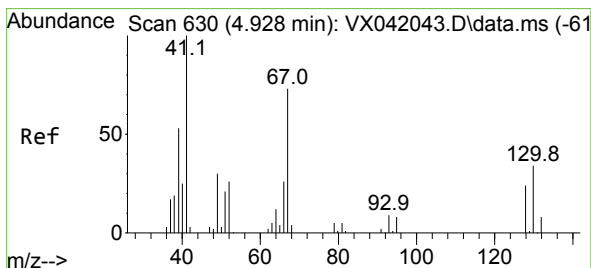
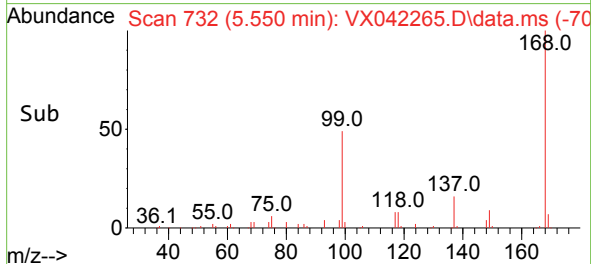
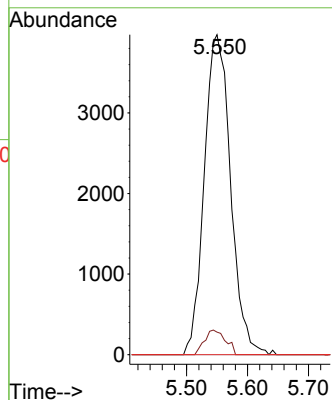


#38
Carbon Tetrachloride
Concen: 6.009 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :

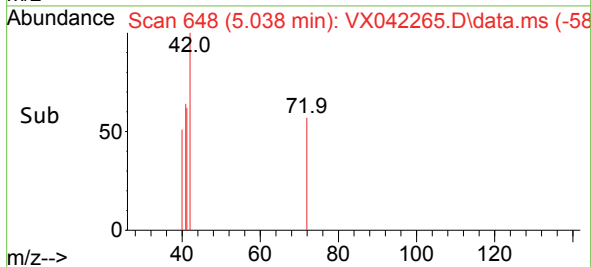
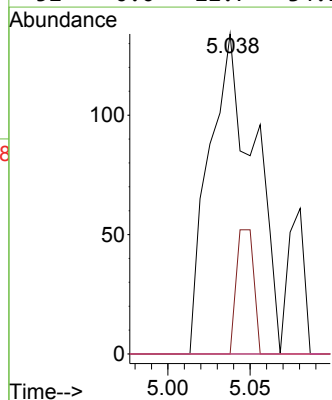
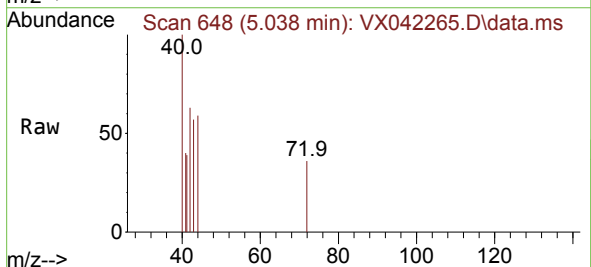


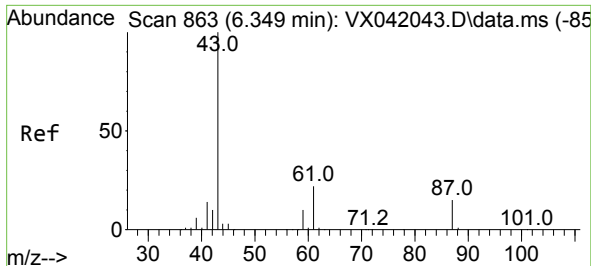
Tgt Ion:117 Resp: 11924
Ion Ratio Lower Upper
117 100
119 7.1 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.203 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Tgt Ion: 41 Resp: 257
Ion Ratio Lower Upper
41 100
39 14.8 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

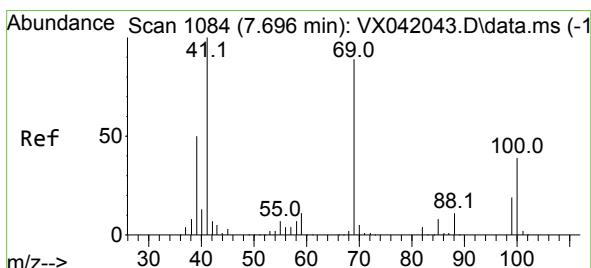
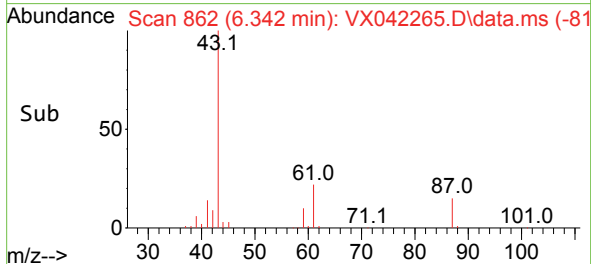
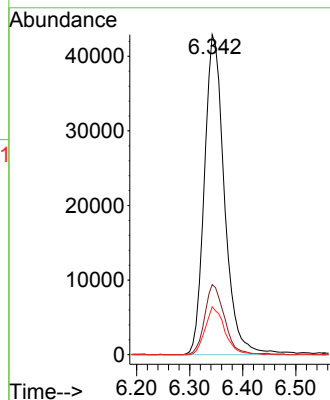
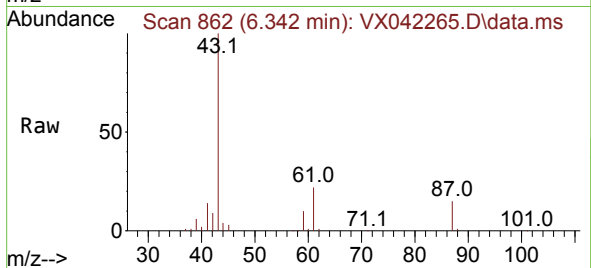




#43
Isopropyl Acetate
Concen: 31.350 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

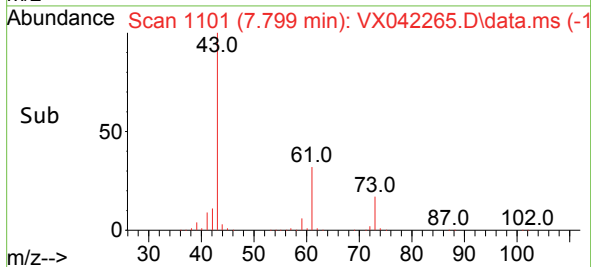
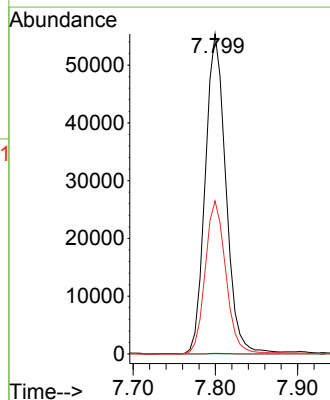
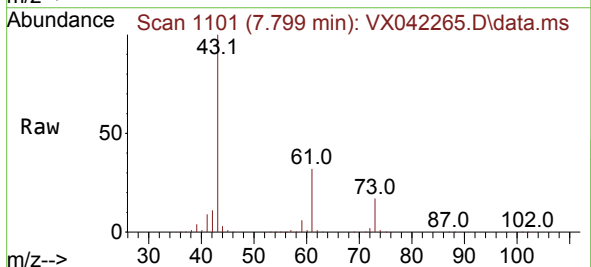
Instrument :
MSVOA_X
ClientSampleId :

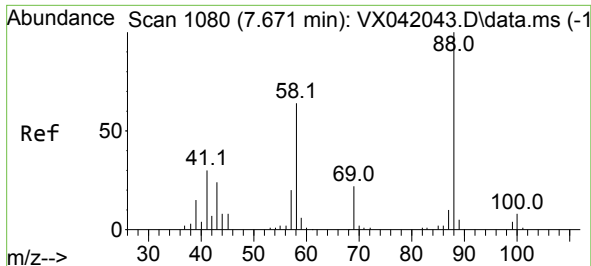
Tgt Ion: 43 Resp: 112578
Ion Ratio Lower Upper
43 100
61 21.6 15.2 22.8
87 14.6 9.8 14.6



#48
Methyl methacrylate
Concen: 56.345 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

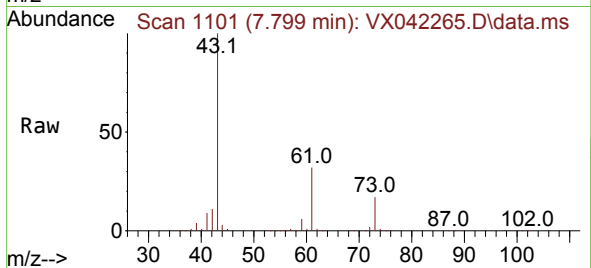
Tgt Ion: 41 Resp: 96563
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 48.0 47.7 71.5



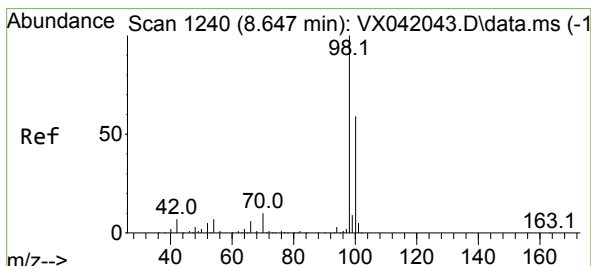
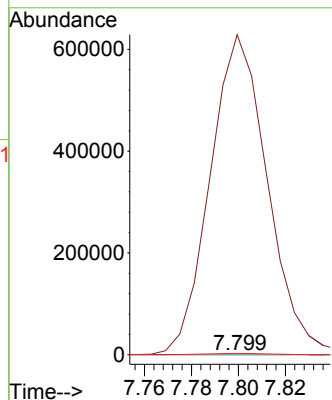
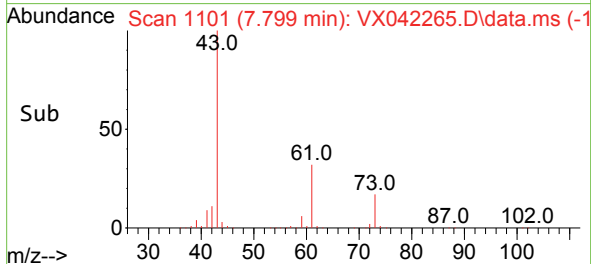


#49
1,4-Dioxane
Concen: 22.503 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :

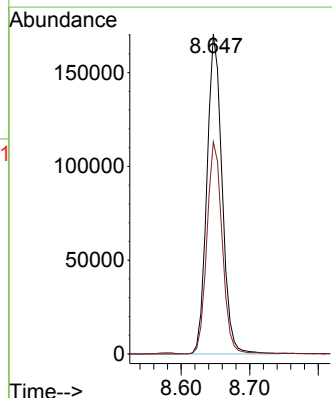
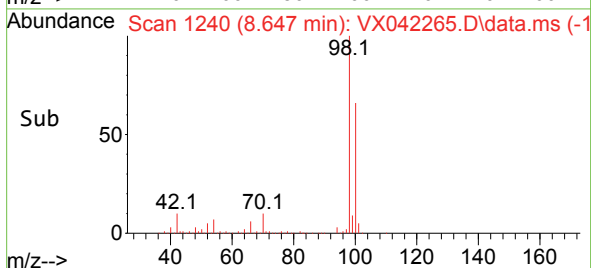
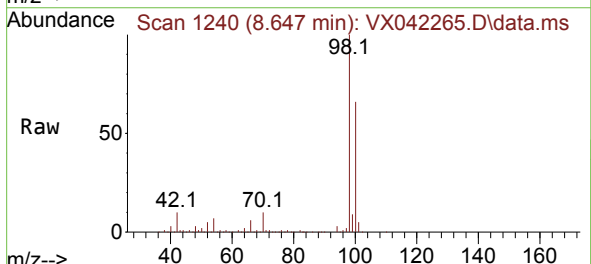


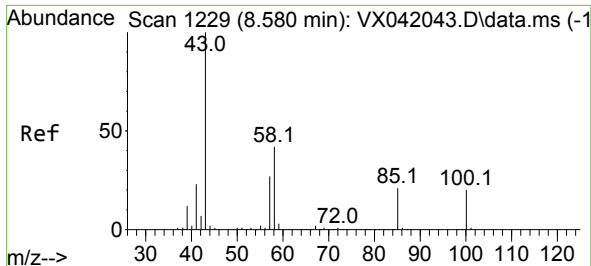
Tgt Ion: 88 Resp: 119
Ion Ratio Lower Upper
88 100
43 912289.9 0.0 0.0#
58 4193.3 60.1 90.1#



#50
Toluene-d8
Concen: 44.207 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Tgt Ion: 98 Resp: 262652
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

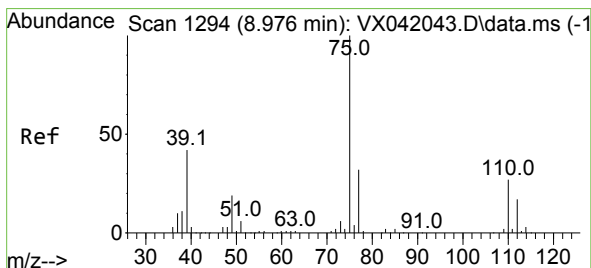
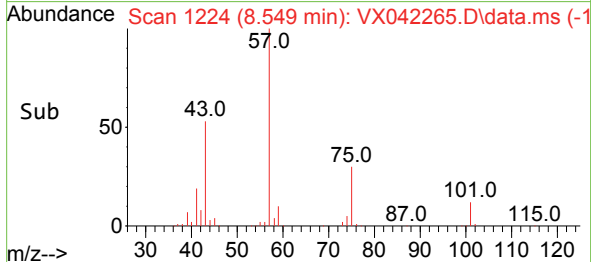
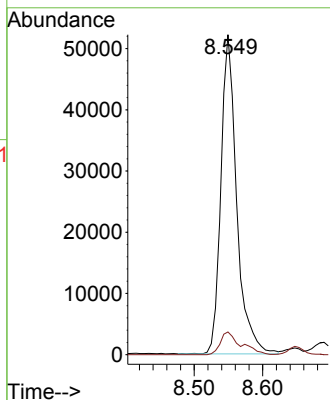
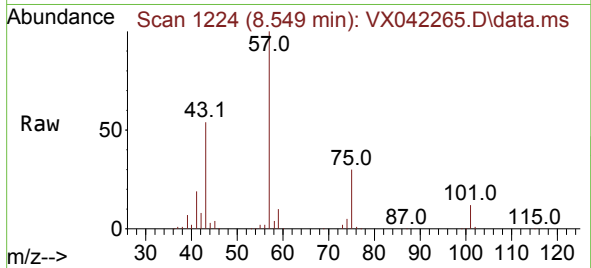




#51
4-Methyl-2-Pentanone
Concen: 33.559 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

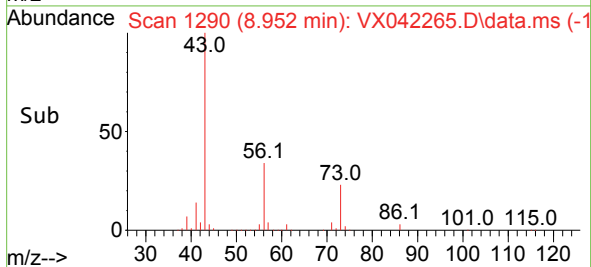
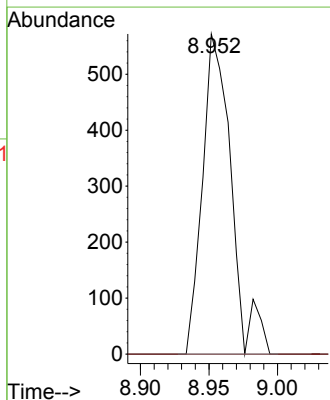
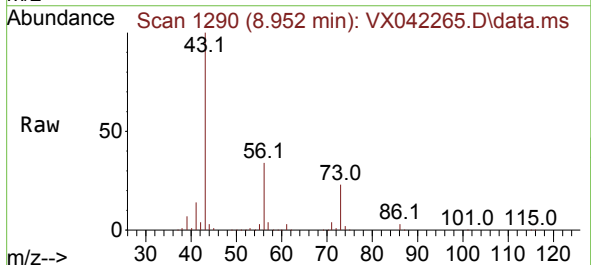
Instrument :
MSVOA_X
ClientSampleId :

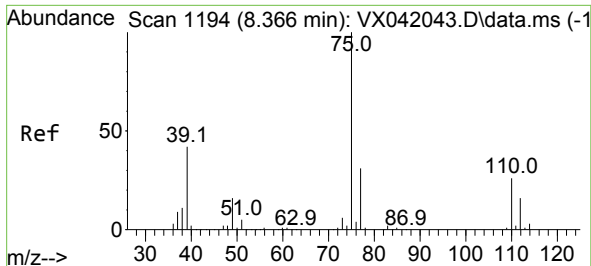
Tgt Ion: 43 Resp: 83011
Ion Ratio Lower Upper
43 100
58 9.3 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 1.290 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Tgt Ion: 75 Resp: 834
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

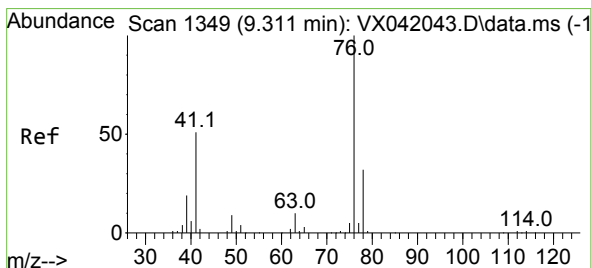
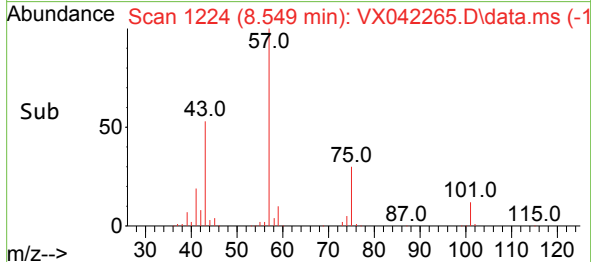
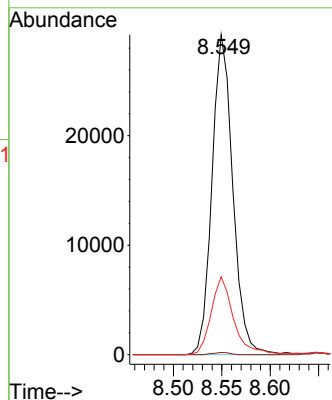
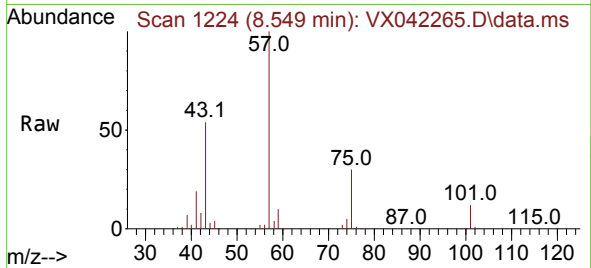




#54
 cis-1,3-Dichloropropene
 Concen: 19.975 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX042265.D
 Acq: 10 Jul 2024 14:23

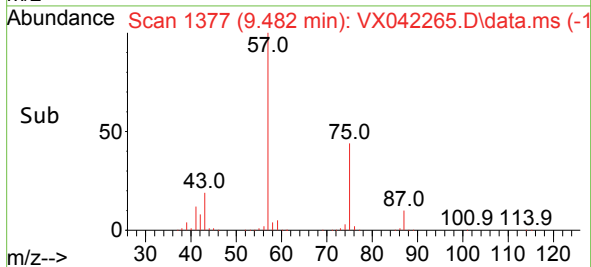
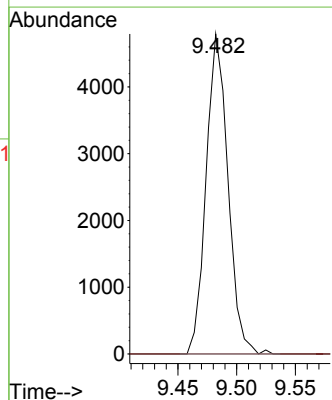
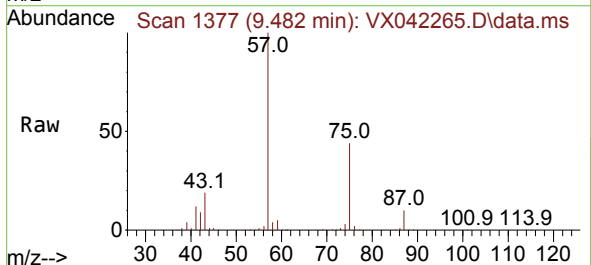
Instrument :
 MSVOA_X
 ClientSampleId :

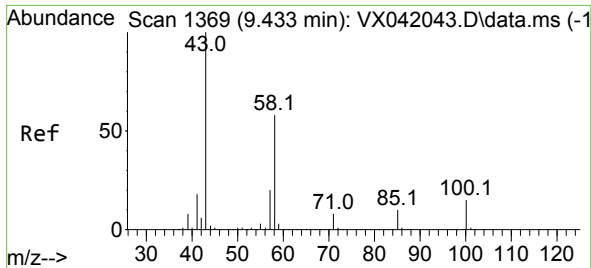
Tgt Ion: 75 Resp: 43571
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.3 37.9#
 39 24.4 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 2.389 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX042265.D
 Acq: 10 Jul 2024 14:23

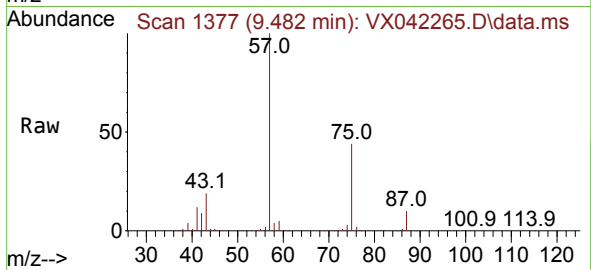
Tgt Ion: 76 Resp: 6202
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#



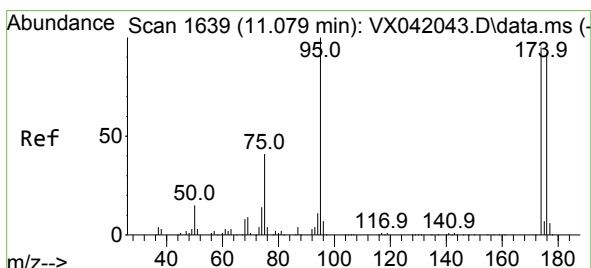
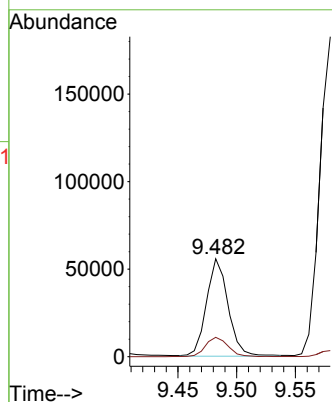
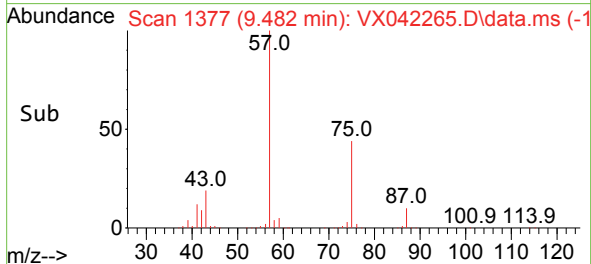


#59
2-Hexanone
Concen: 37.690 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :

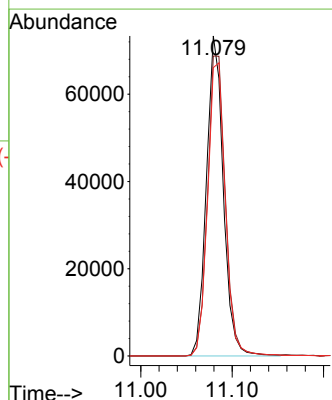
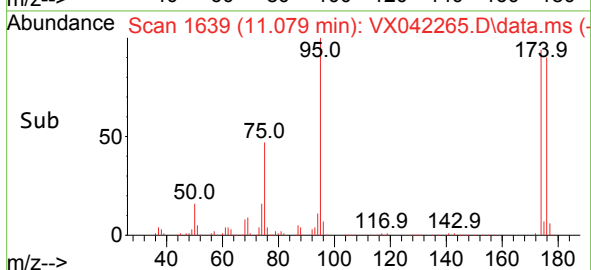
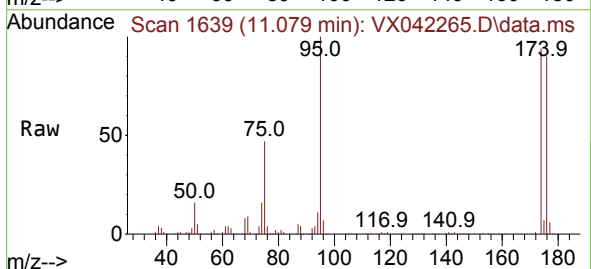


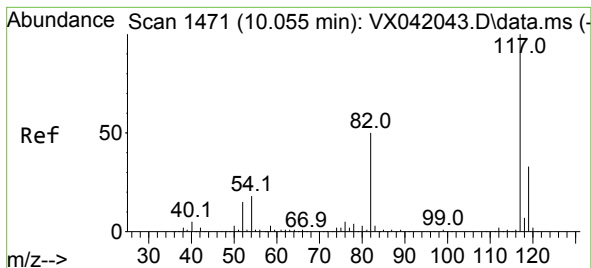
Tgt Ion: 43 Resp: 71406
Ion Ratio Lower Upper
43 100
58 21.1 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 43.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Tgt Ion: 95 Resp: 94255
Ion Ratio Lower Upper
95 100
174 99.5 0.0 135.6
176 95.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

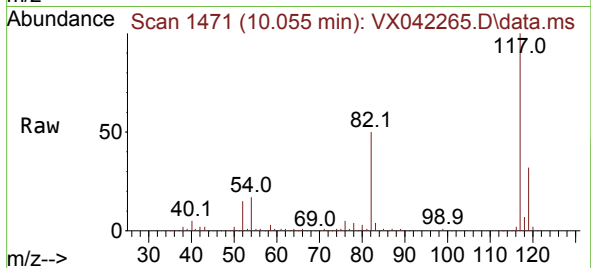
Lab File: VX042265.D

Acq: 10 Jul 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :



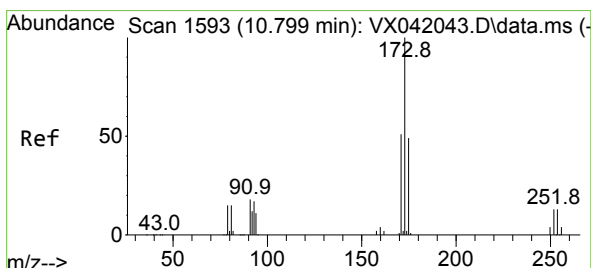
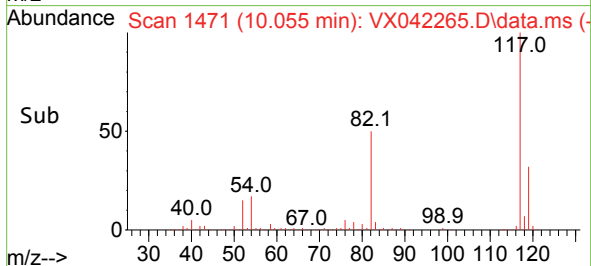
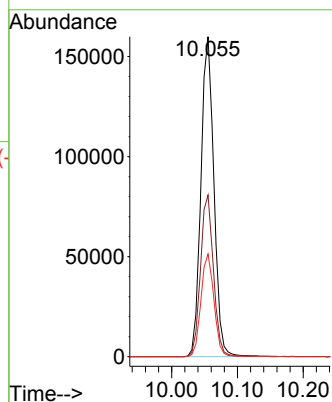
Tgt Ion:117 Resp: 219299

Ion Ratio Lower Upper

117 100

82 50.5 46.2 69.4

119 32.1 25.5 38.3



#71

Bromoform

Concen: 0.904 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.268 min

Lab File: VX042265.D

Acq: 10 Jul 2024 14:23

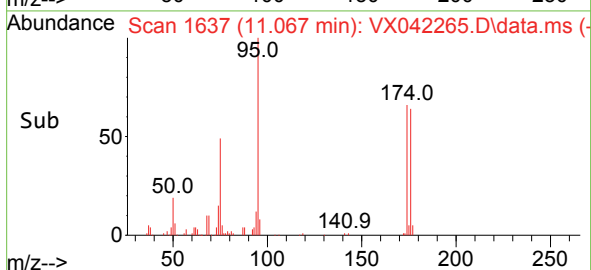
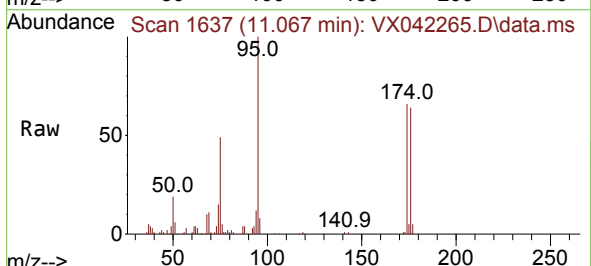
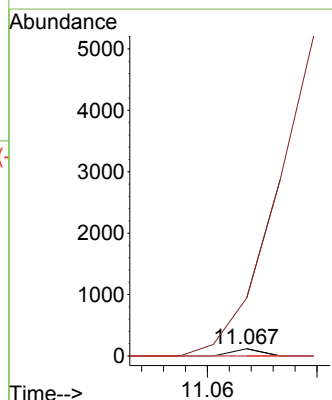
Tgt Ion:173 Resp: 43

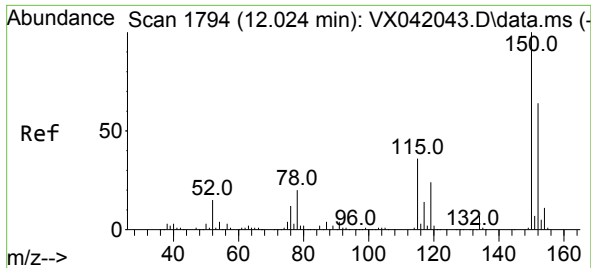
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

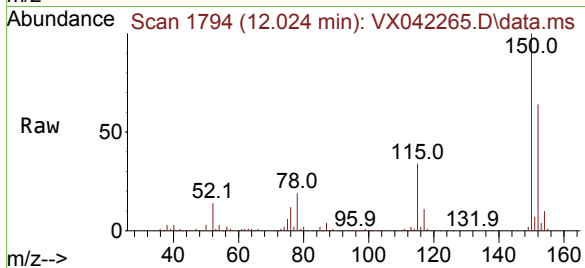
254 0.0 0.0 0.0



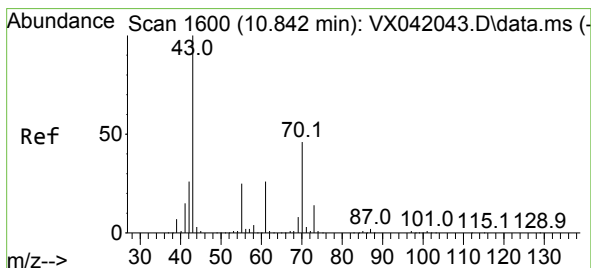
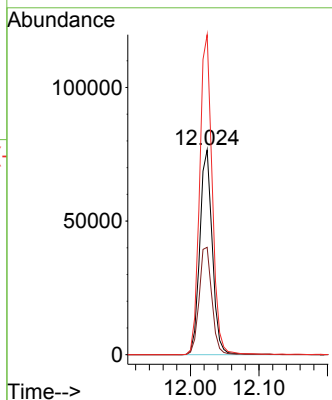
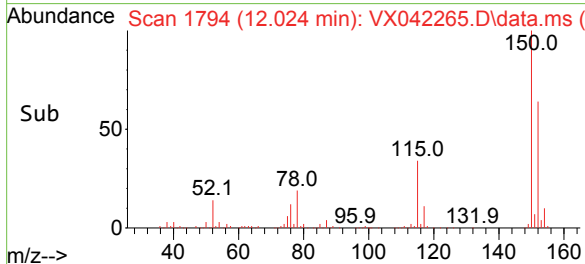


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX042265.D
 Acq: 10 Jul 2024 14:23

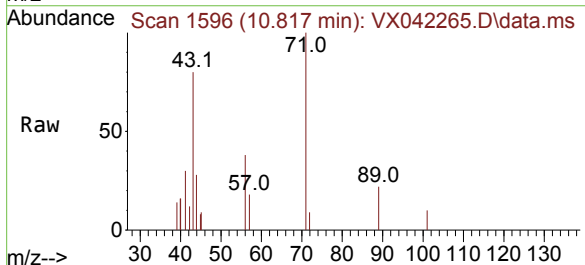
Instrument :
 MSVOA_X
 ClientSampleId :



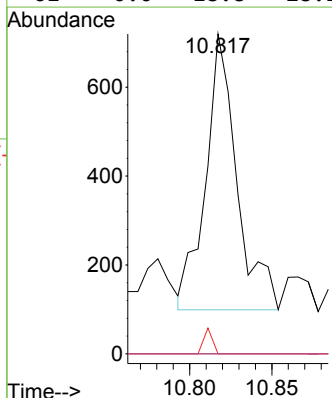
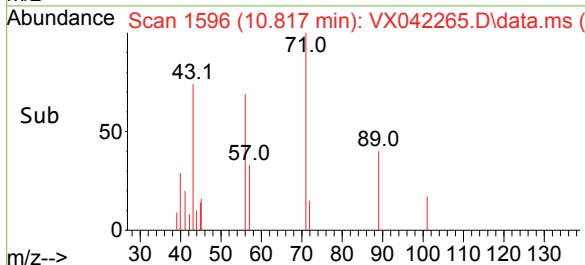
Tgt Ion:152 Resp: 97516
 Ion Ratio Lower Upper
 152 100
 115 53.7 43.3 129.9
 150 156.9 0.0 345.0

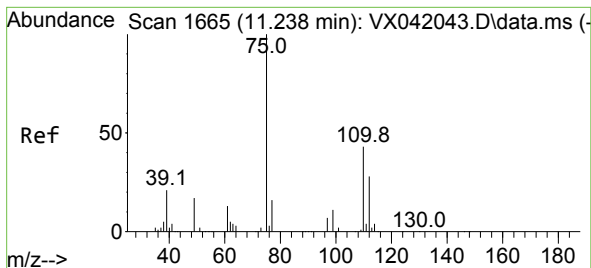


#74
 N-ethyl acetate
 Concen: 0.312 ug/l
 RT: 10.817 min Scan# 1596
 Delta R.T. -0.024 min
 Lab File: VX042265.D
 Acq: 10 Jul 2024 14:23



Tgt Ion: 43 Resp: 821
 Ion Ratio Lower Upper
 43 100
 70 0.0 32.9 49.3#
 55 0.0 19.3 28.9#
 61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 24.288 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX042265.D

Acq: 10 Jul 2024 14:23

Instrument :

MSVOA_X

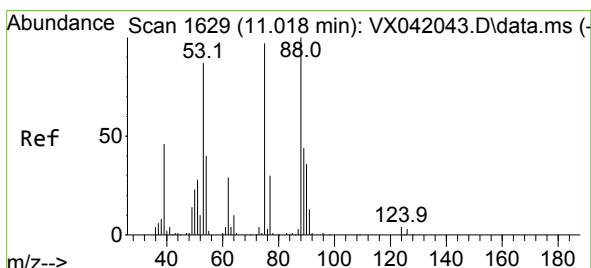
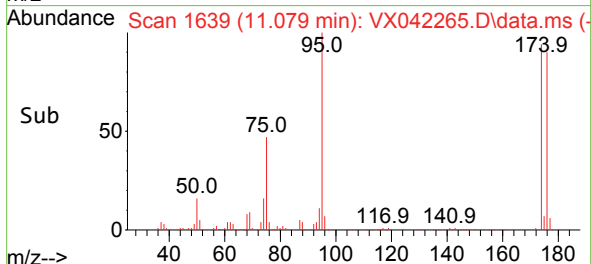
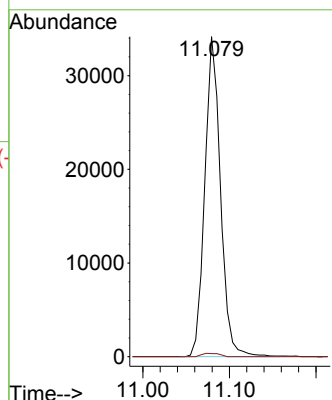
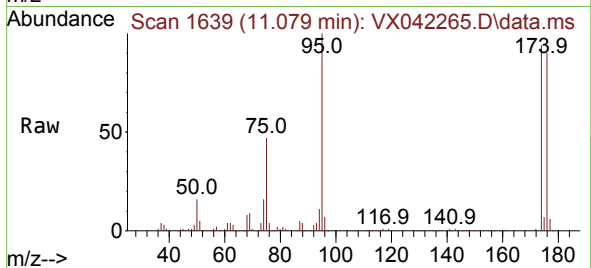
ClientSampleId :

Tgt Ion: 75 Resp: 42998

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.977 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042265.D

Acq: 10 Jul 2024 14:23

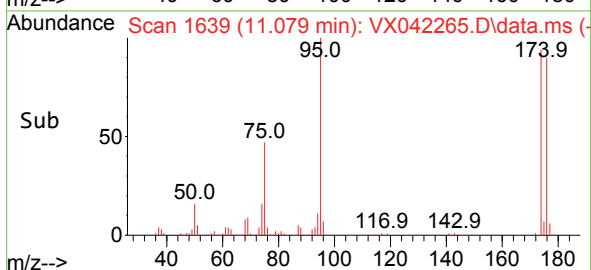
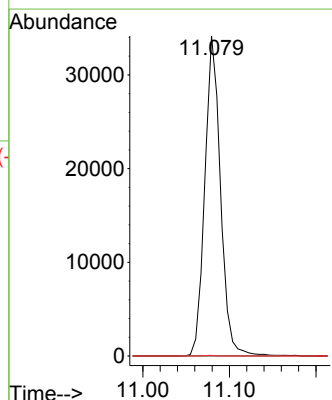
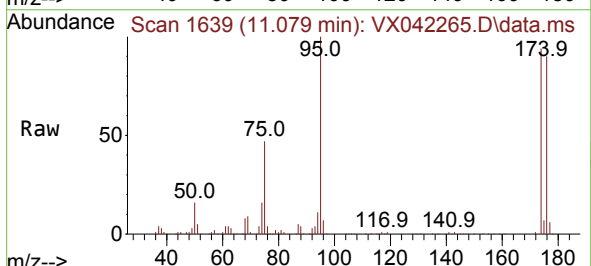
Tgt Ion: 75 Resp: 42998

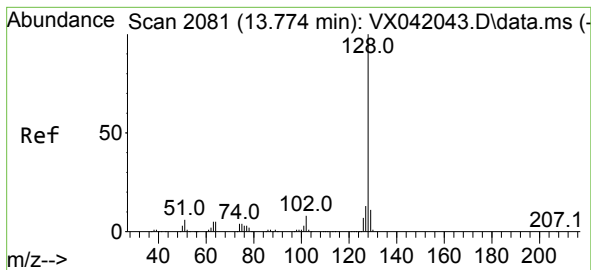
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

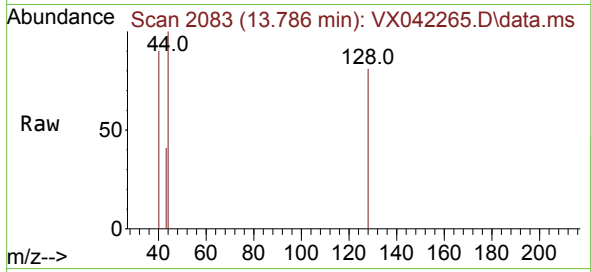
89 0.1 36.9 55.3#





#95
Naphthalene
Concen: 0.773 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

