

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041847.D
 Acq On : 13 Jun 2024 12:35
 Operator : JC/MD
 Sample : PB161467ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 00:56:04 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)

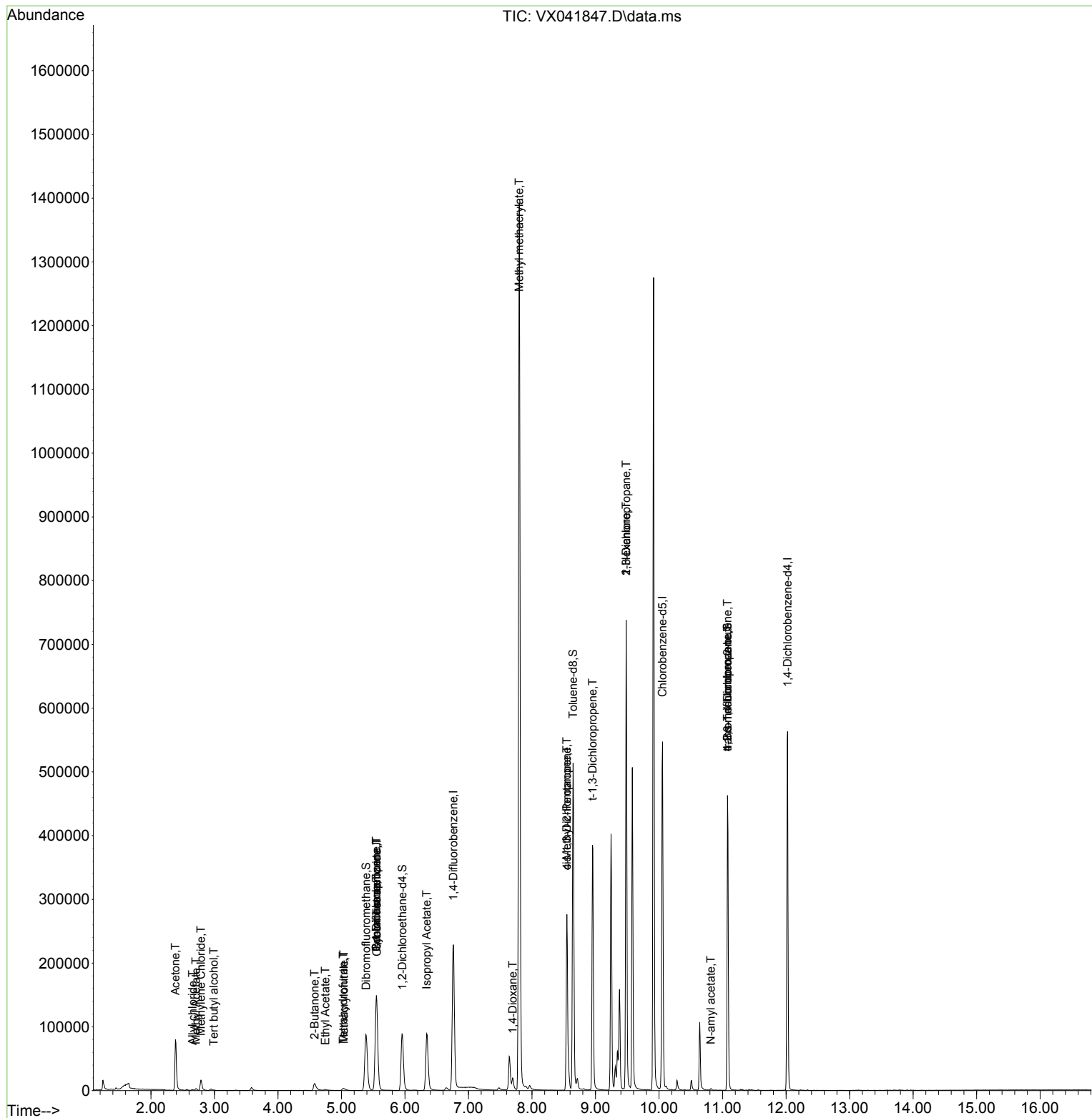
Internal Standards						
1) Pentafluorobenzene	5.550	168	162354	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	258784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85893	43.136	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.280%		
35) Dibromofluoromethane	5.385	113	79032	44.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.340%		
50) Toluene-d8	8.647	98	311081	49.759	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.520%		
62) 4-Bromofluorobenzene	11.079	95	120430	52.193	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.380%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.989	59	854	2.424	ug/l	# 78
14) Allyl chloride	2.654	41	1802	0.757	ug/l	# 37
16) Acetone	2.386	43	90108	101.456	ug/l	# 89
18) Methyl Acetate	2.709	43	4212	2.215	ug/l	95
20) Methylene Chloride	2.788	84	9023	5.064	ug/l	89
25) 2-Butanone	4.574	43	23141	18.699	ug/l	98
29) Tetrahydrofuran	5.026	42	3671	4.704	ug/l	99
31) Cyclohexane	5.550	56	2393	1.018	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	9633	4.446	ug/l	# 51
37) Ethyl Acetate	4.745	43	3296	1.206	ug/l	# 85
38) Carbon Tetrachloride	5.556	117	13857	5.630	ug/l	# 16
41) Methacrylonitrile	5.038	41	2044	1.529	ug/l	# 49
43) Isopropyl Acetate	6.342	43	126246	30.583	ug/l	96
48) Methyl methacrylate	7.799	41	114108	57.561	ug/l	# 45
49) 1,4-Dioxane	7.696	88	26	0.600	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	102889	38.437	ug/l	# 47
53) t-1,3-Dichloropropene	8.952	75	991	0.440	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	47581	19.110	ug/l	# 52
57) 1,3-Dichloropropane	9.482	76	6611	2.299	ug/l	# 42
59) 2-Hexanone	9.482	43	83960	41.141	ug/l	# 54
74) N-amyl acetate	10.817	43	1030	0.278	ug/l	# 46
76) 1,2,3-Trichloropropane	11.079	75	55942	23.757	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	55942	64.750	ug/l	# 5

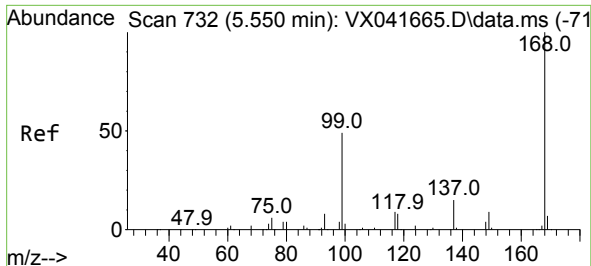
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 00:56:04 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



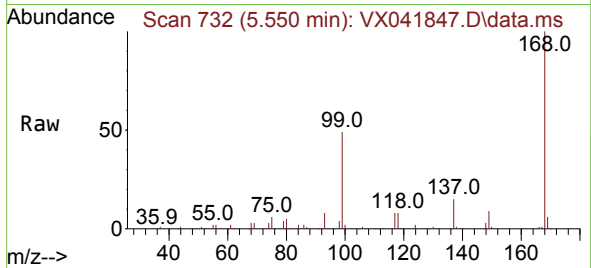


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

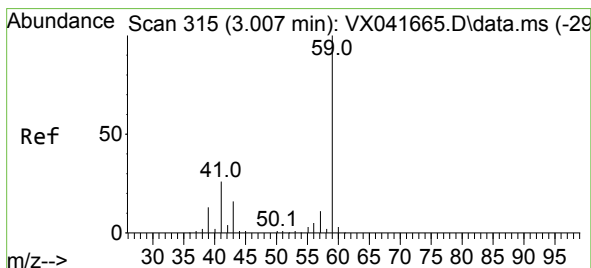
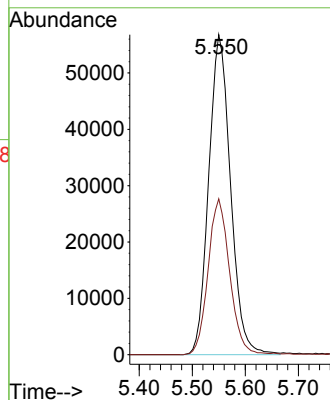
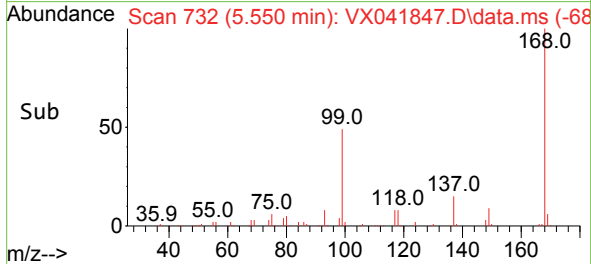
Instrument :

MSVOA_X

ClientSampleId :

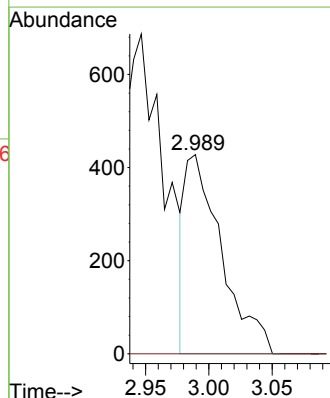
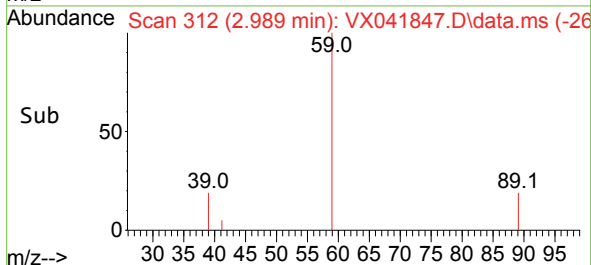
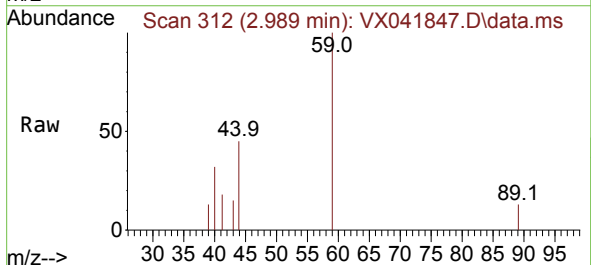


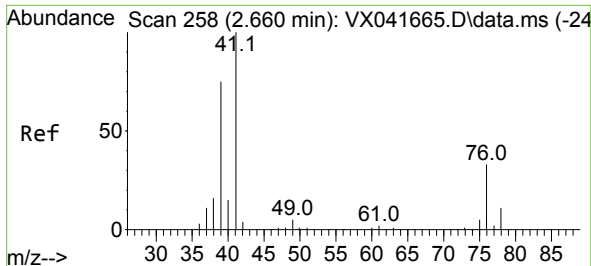
Tgt Ion:168 Resp: 162354
Ion Ratio Lower Upper
168 100
99 48.7 56.6 85.0#



#11
Tert butyl alcohol
Concen: 2.424 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.018 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

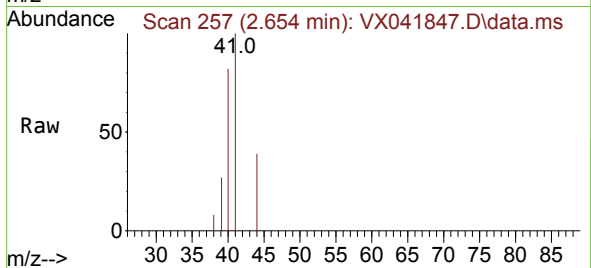
Tgt Ion: 59 Resp: 854
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



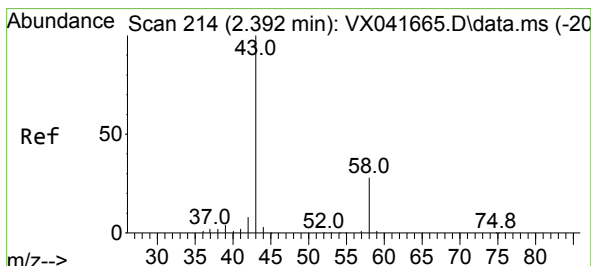
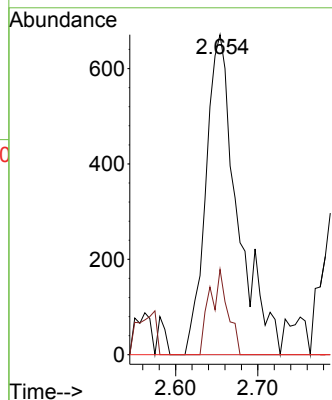
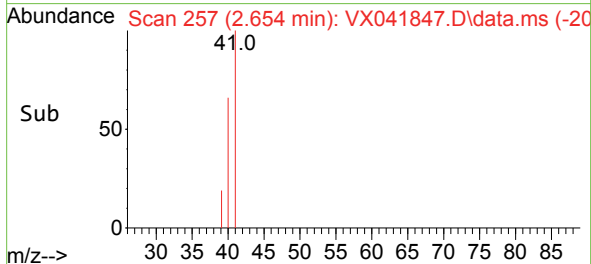


#14
Allyl chloride
Concen: 0.757 ug/l
RT: 2.654 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :

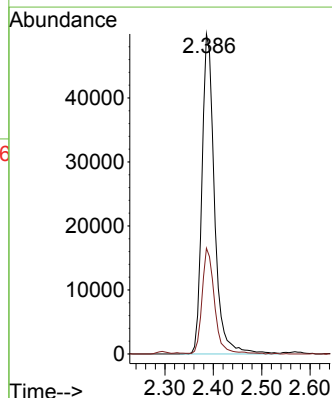
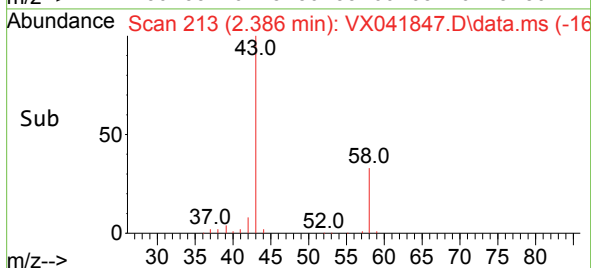
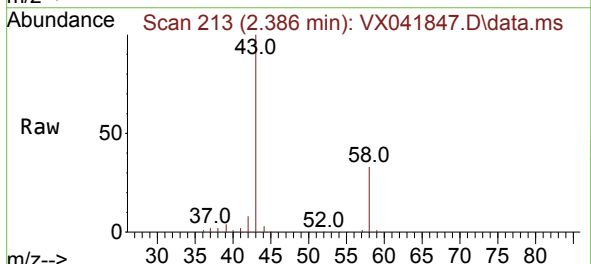


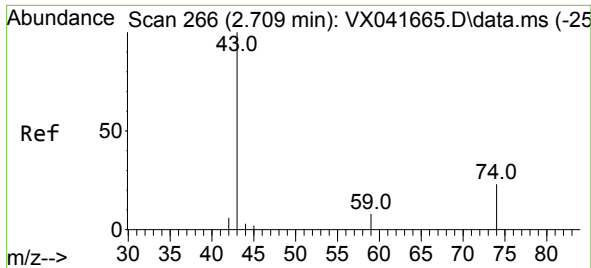
Tgt Ion: 41 Resp: 1802
Ion Ratio Lower Upper
41 100
39 15.3 55.8 83.6#
76 0.0 24.3 36.5#



#16
Acetone
Concen: 101.456 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Tgt Ion: 43 Resp: 90108
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9#

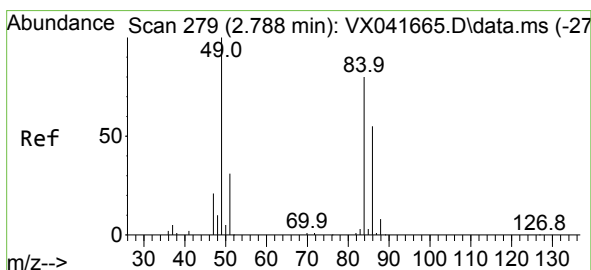
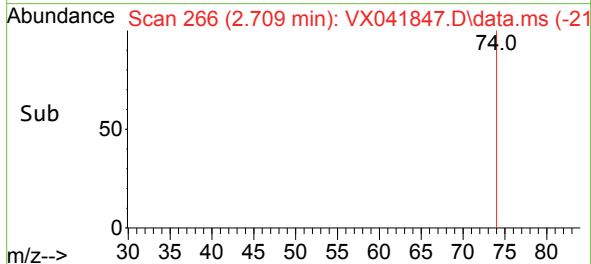
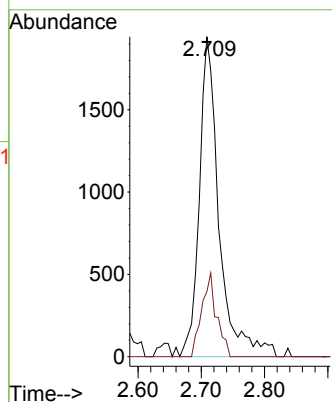
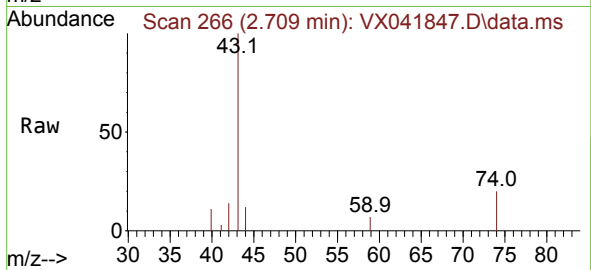




#18
Methyl Acetate
Concen: 2.215 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

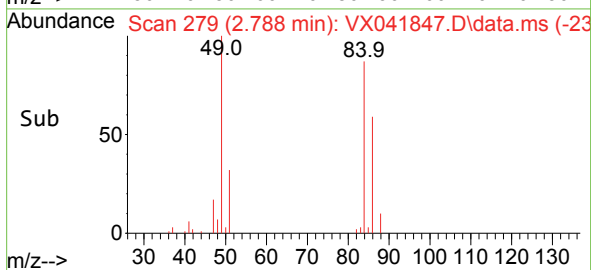
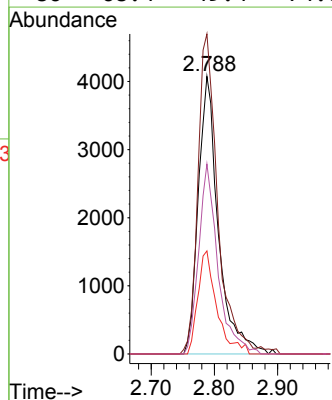
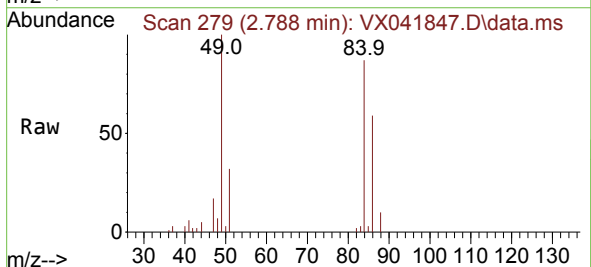
Instrument :
MSVOA_X
ClientSampleId :

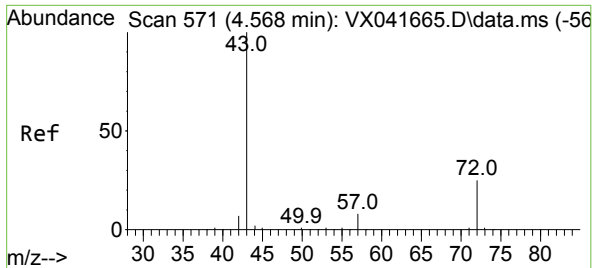
Tgt Ion: 43 Resp: 4212
Ion Ratio Lower Upper
43 100
74 19.7 17.8 26.8



#20
Methylene Chloride
Concen: 5.064 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Tgt Ion: 84 Resp: 9023
Ion Ratio Lower Upper
84 100
49 115.3 103.6 155.4
51 37.1 33.8 50.6
86 68.4 49.4 74.0

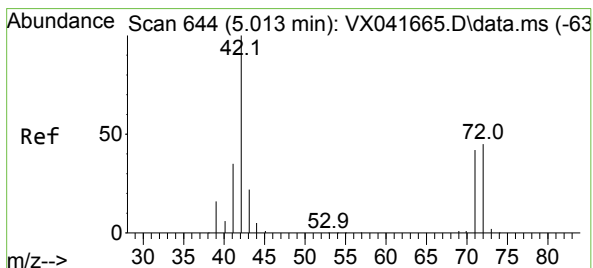
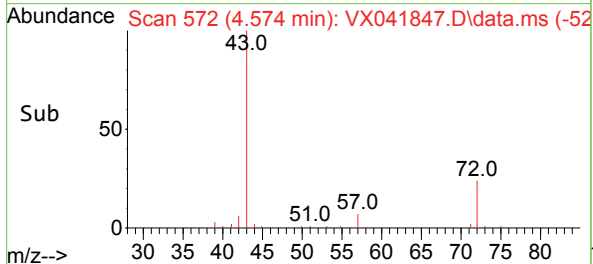
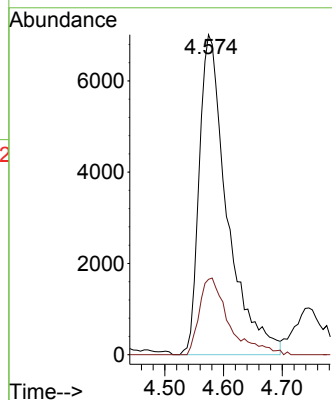
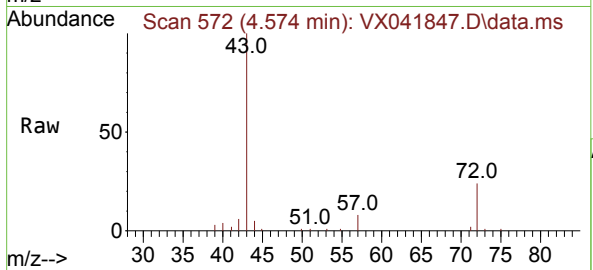




#25
2-Butanone
Concen: 18.699 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

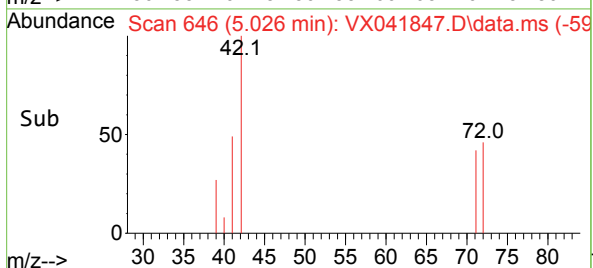
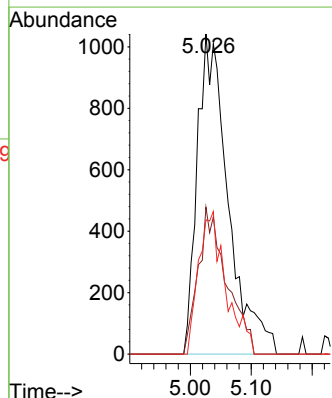
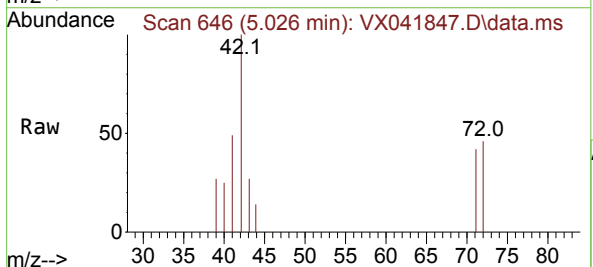
Instrument :
MSVOA_X
ClientSampleId :

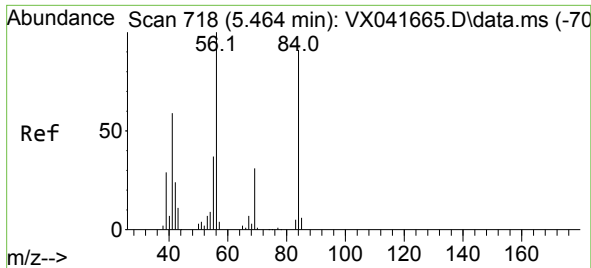
Tgt Ion: 43 Resp: 23141
Ion Ratio Lower Upper
43 100
72 23.5 19.4 29.2



#29
Tetrahydrofuran
Concen: 4.704 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

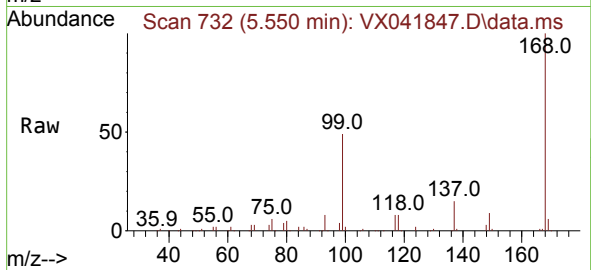
Tgt Ion: 42 Resp: 3671
Ion Ratio Lower Upper
42 100
72 42.2 34.2 51.4
71 39.3 32.2 48.2



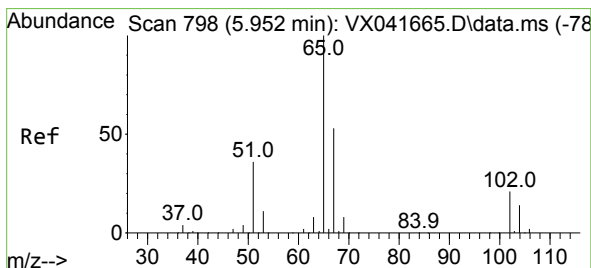
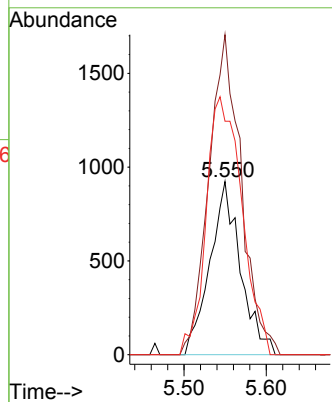
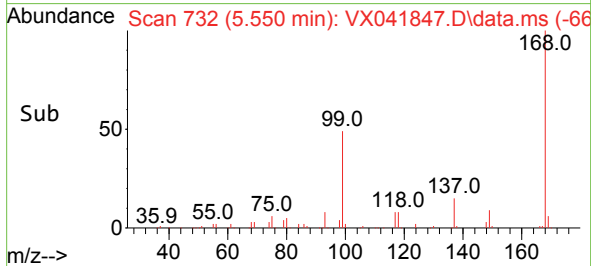


#31
Cyclohexane
Concen: 1.018 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :

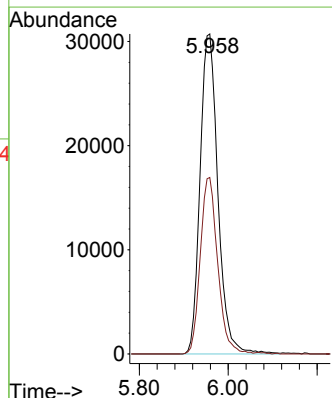
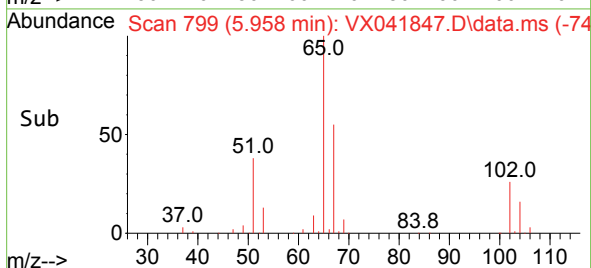
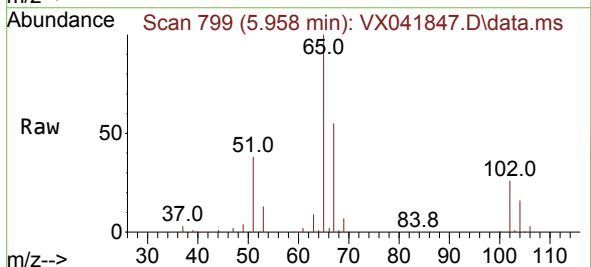


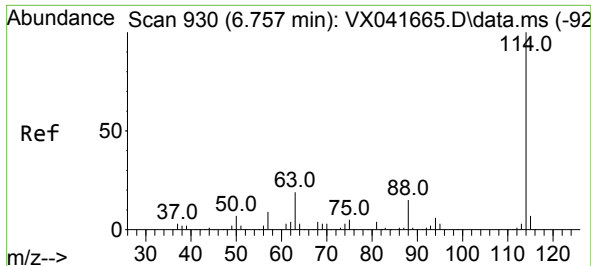
Tgt Ion: 56 Resp: 2393
Ion Ratio Lower Upper
56 100
69 184.8 23.4 35.2#
84 134.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.136 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Tgt Ion: 65 Resp: 85893
Ion Ratio Lower Upper
65 100
67 53.8 0.0 100.2

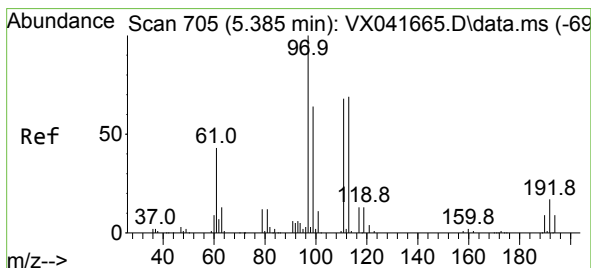
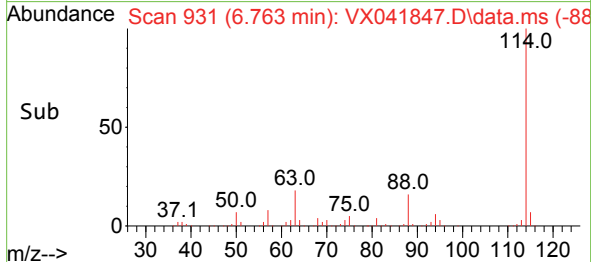
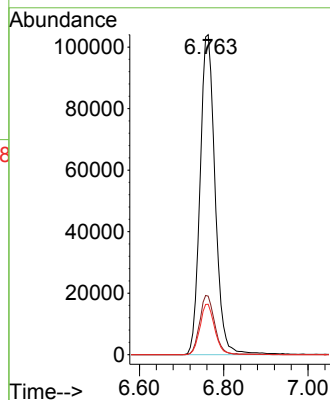
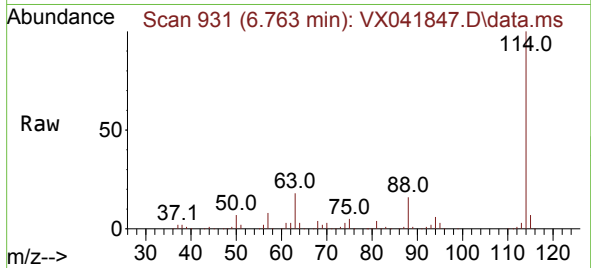




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

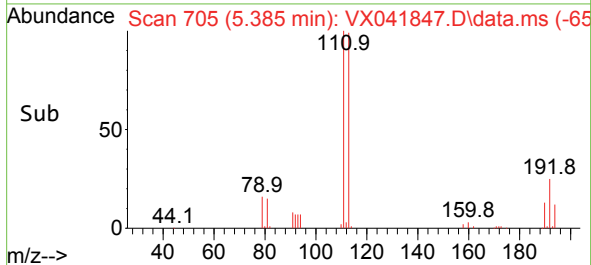
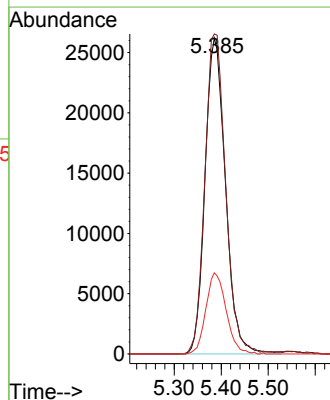
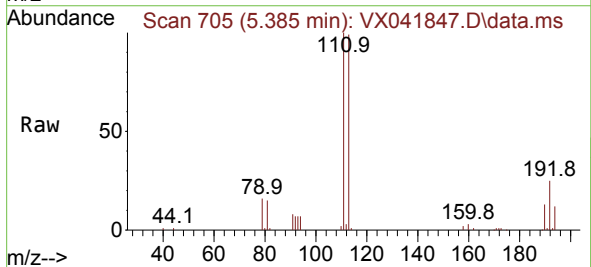
Instrument :
MSVOA_X
ClientSampleId :

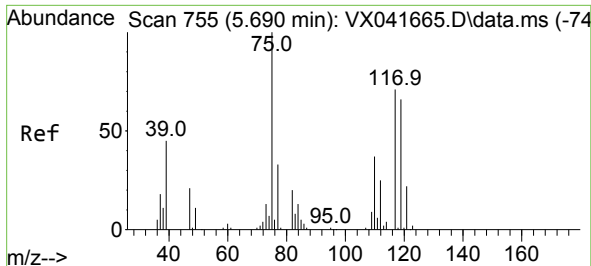
Tgt Ion:114 Resp: 258784
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.171 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Tgt Ion:113 Resp: 79032
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 25.5 13.3 19.9#

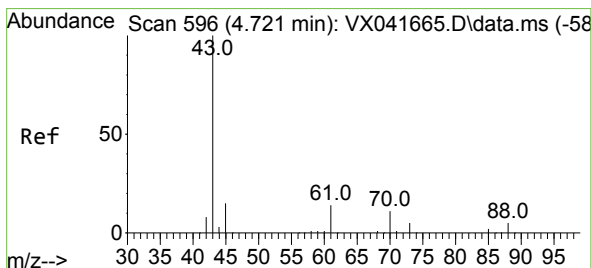
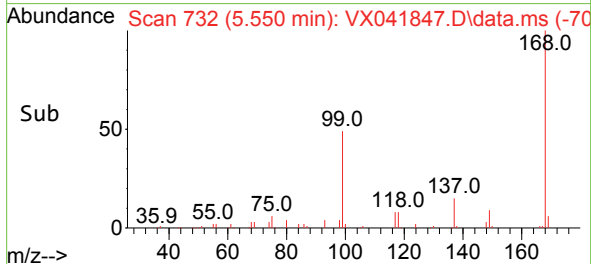
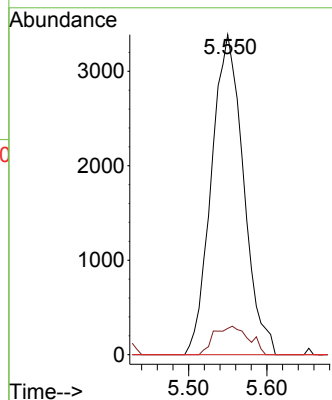
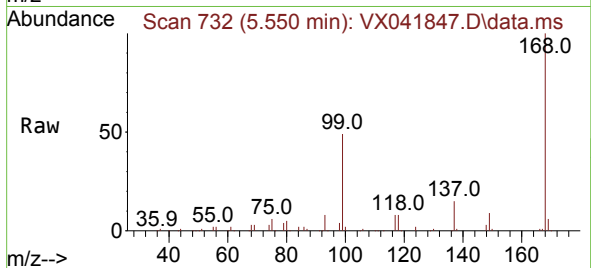




#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

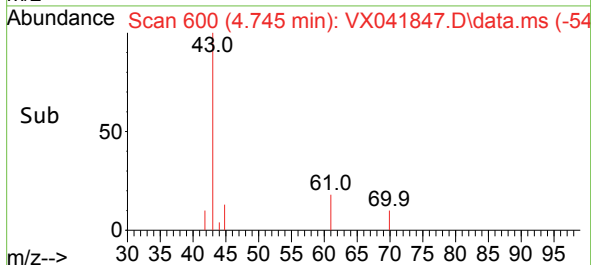
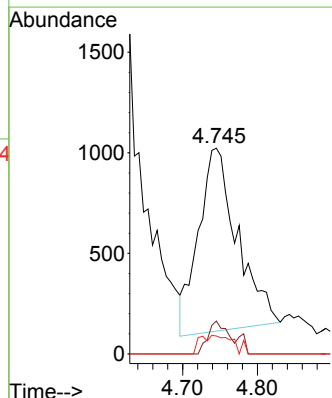
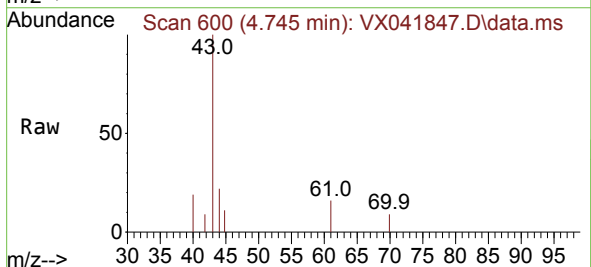
Instrument :
MSVOA_X
ClientSampleId :

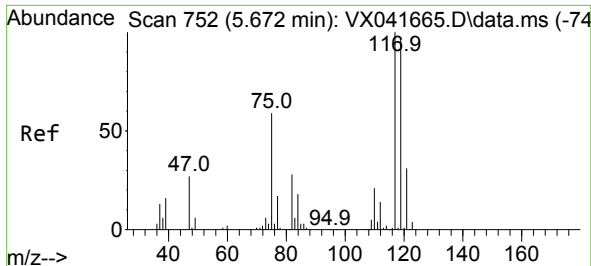
Tgt Ion: 75 Resp: 9633
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.206 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.025 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

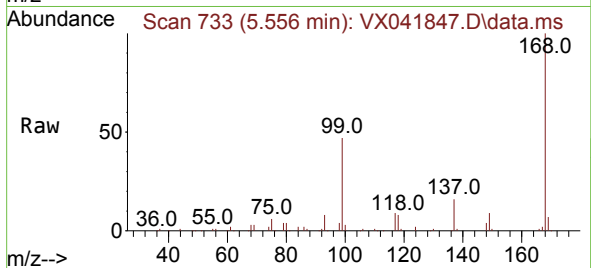
Tgt Ion: 43 Resp: 3296
Ion Ratio Lower Upper
43 100
61 9.1 10.6 16.0#
70 2.6 8.3 12.5#



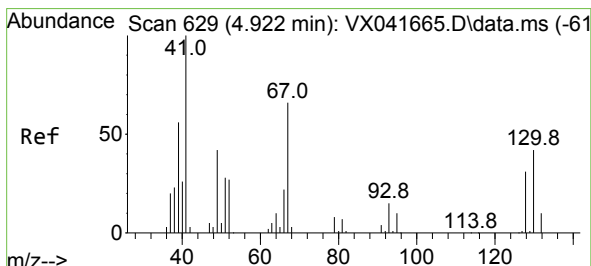
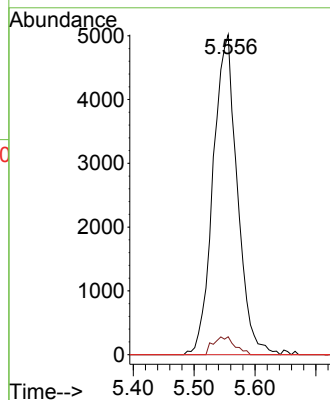
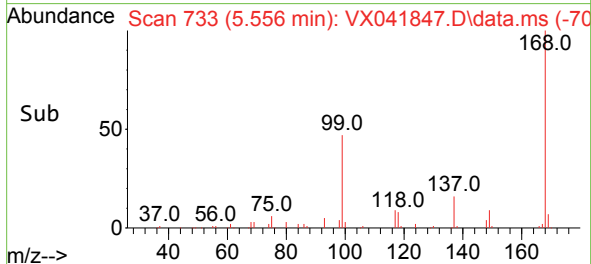


#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :

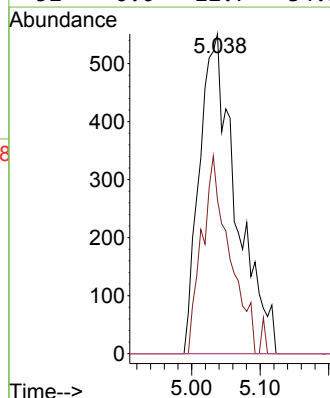
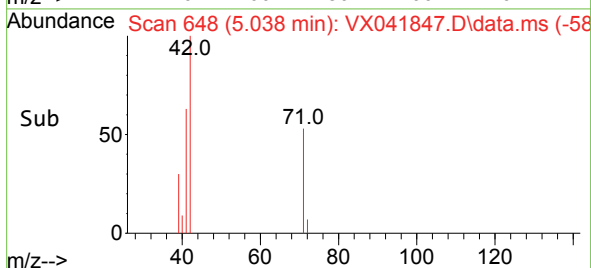
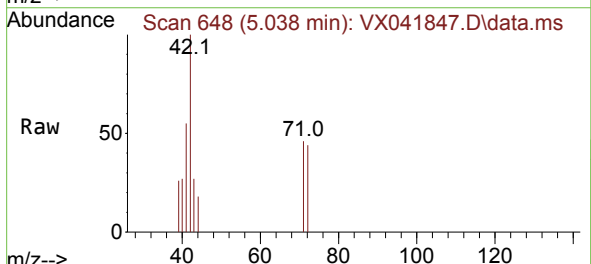


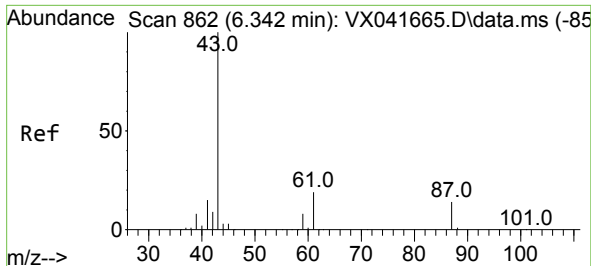
Tgt Ion:117 Resp: 13857
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 1.529 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.116 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Tgt Ion: 41 Resp: 2044
Ion Ratio Lower Upper
41 100
39 46.8 45.2 67.8
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

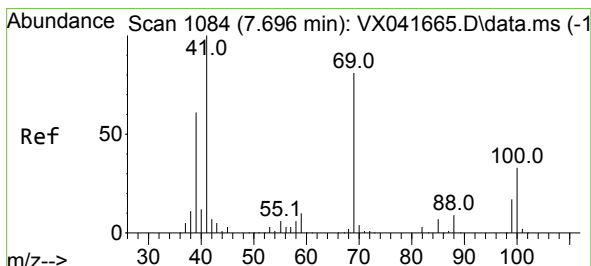
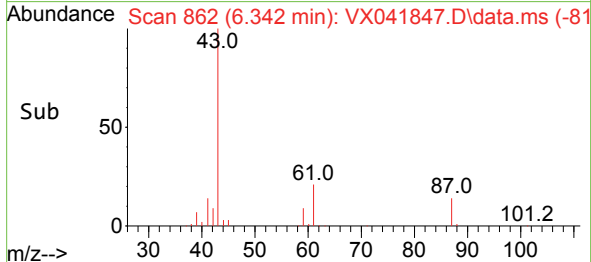
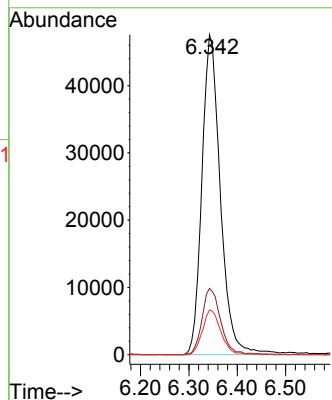
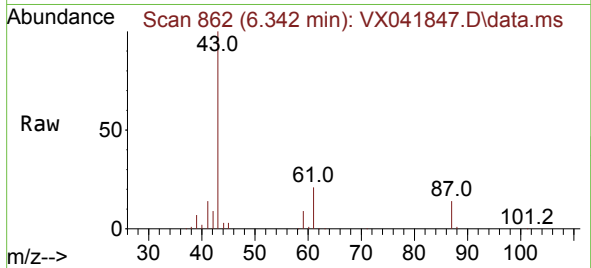




#43
Isopropyl Acetate
Concen: 30.583 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

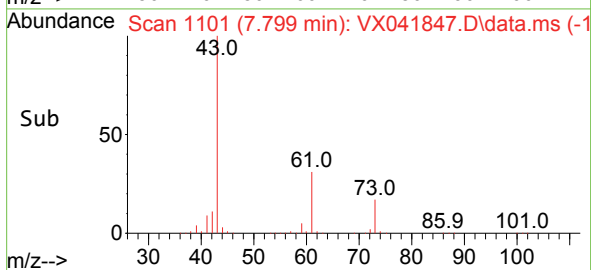
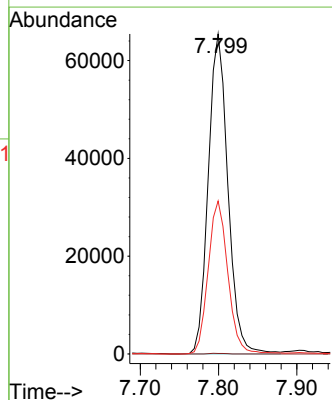
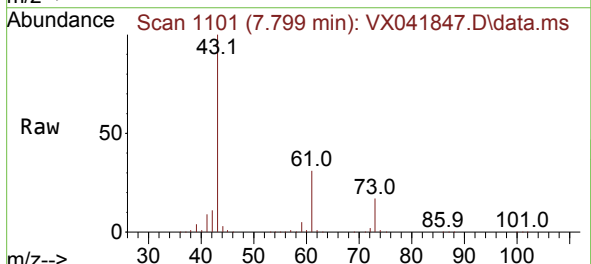
Instrument :
MSVOA_X
ClientSampleId :

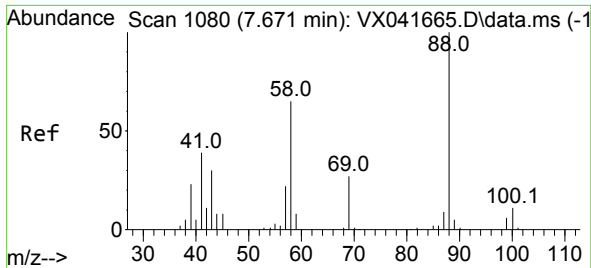
Tgt Ion: 43 Resp: 126246
Ion Ratio Lower Upper
43 100
61 21.0 15.2 22.8
87 13.9 9.8 14.6



#48
Methyl methacrylate
Concen: 57.561 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Tgt Ion: 41 Resp: 114108
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 48.0 47.7 71.5

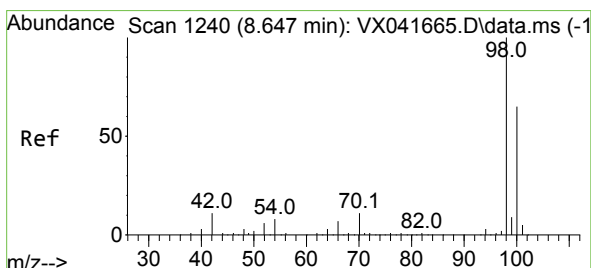
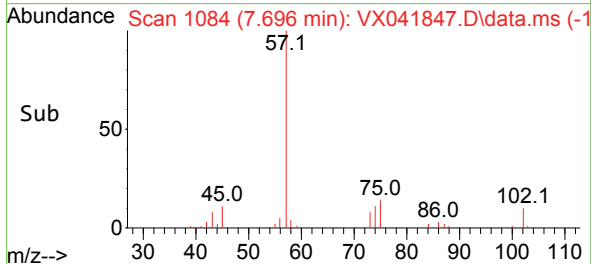
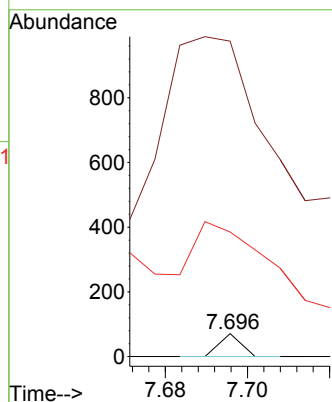
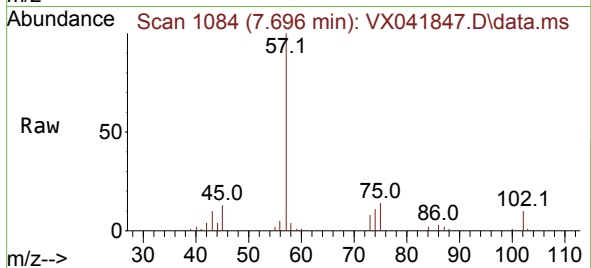




#49
1,4-Dioxane
Concen: 0.600 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.025 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

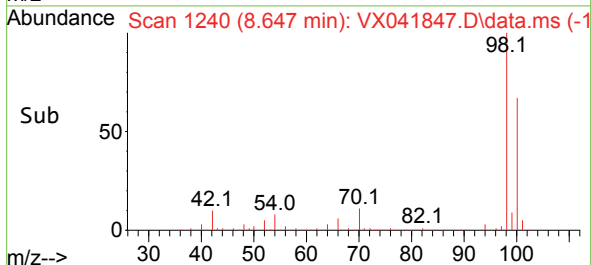
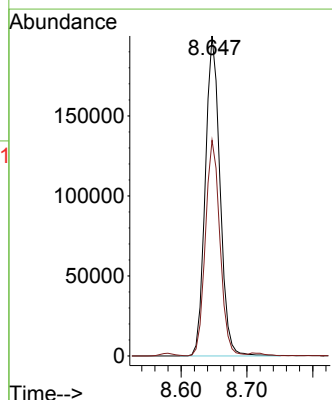
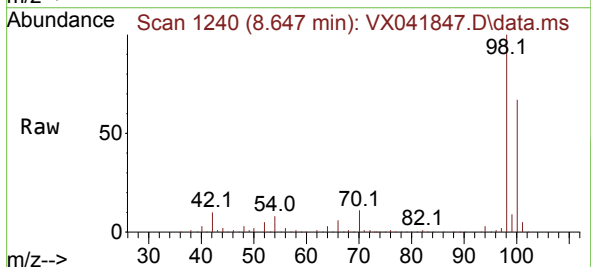
Instrument :
MSVOA_X
ClientSampleId :

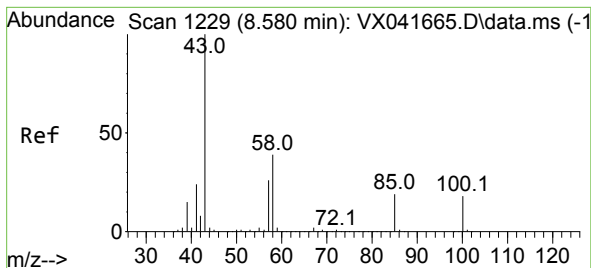
Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 2607.7 60.1 90.1#



#50
Toluene-d8
Concen: 49.759 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Tgt Ion: 98 Resp: 311081
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 38.437 ug/l

RT: 8.549 min Scan# 1

Delta R.T. -0.030 min

Lab File: VX041847.D

Acq: 13 Jun 2024 12:35

Instrument :

MSVOA_X

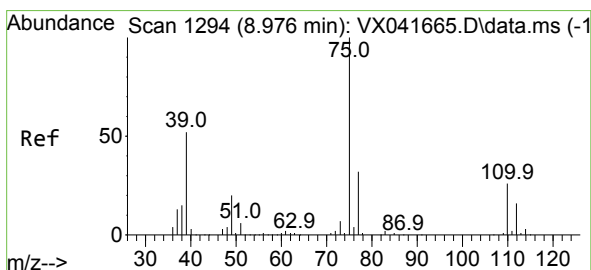
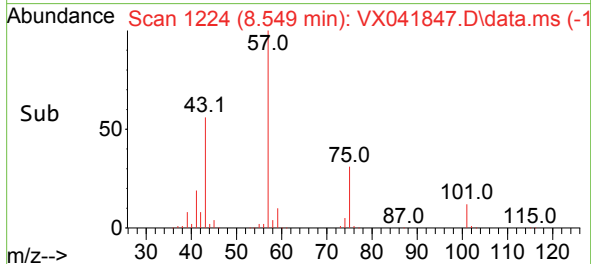
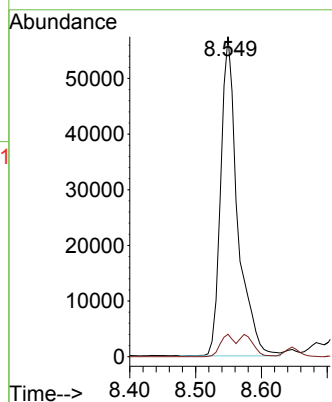
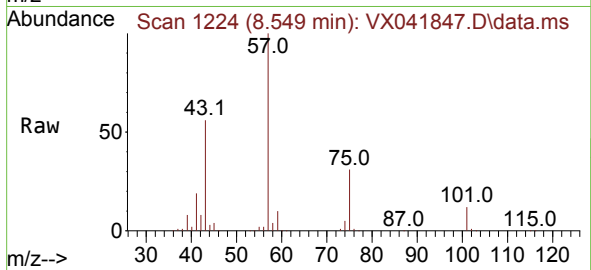
ClientSampleId :

Tgt Ion: 43 Resp: 102889

Ion Ratio Lower Upper

43 100

58 5.8 30.4 45.6#



#53

t-1,3-Dichloropropene

Concen: 0.440 ug/l

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX041847.D

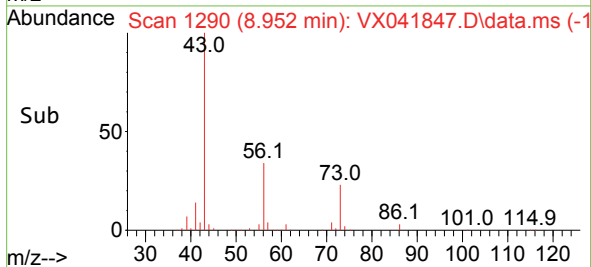
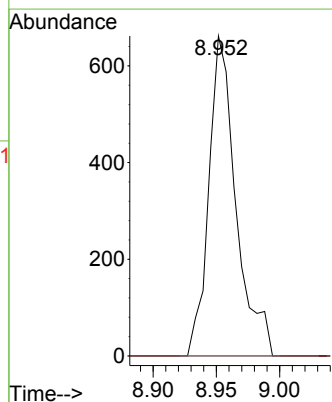
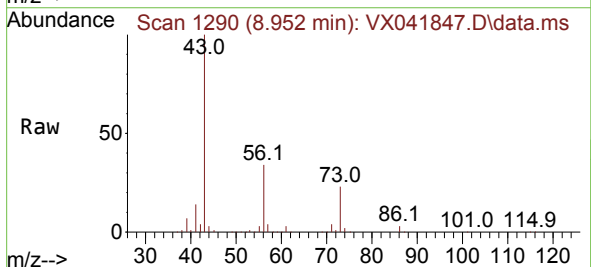
Acq: 13 Jun 2024 12:35

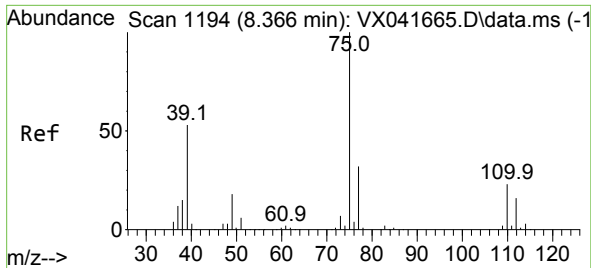
Tgt Ion: 75 Resp: 991

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

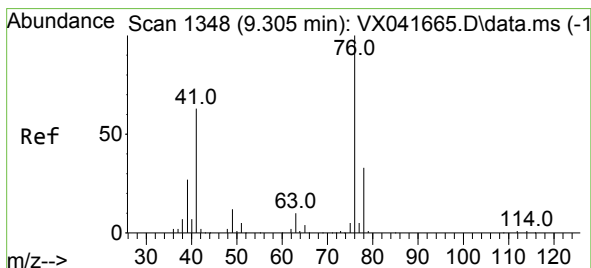
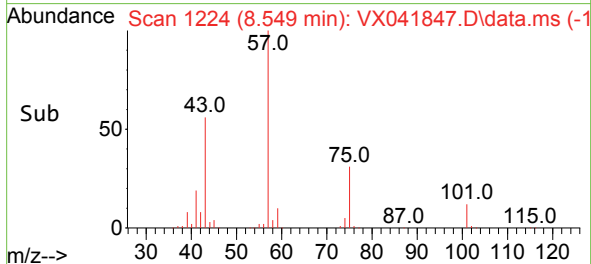
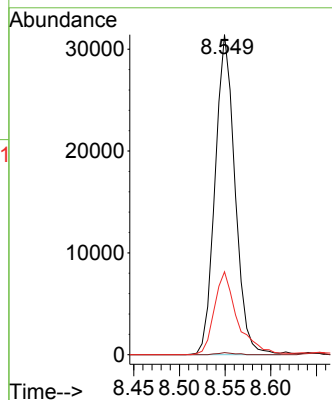
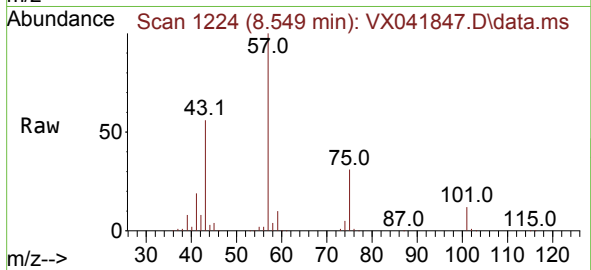




#54
cis-1,3-Dichloropropene
Concen: 19.110 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

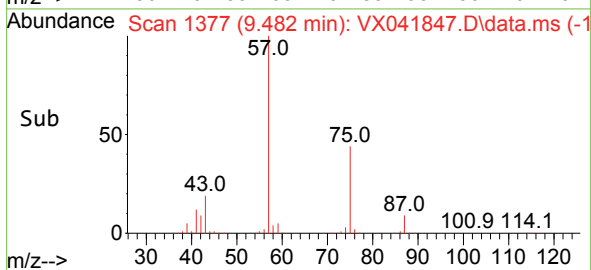
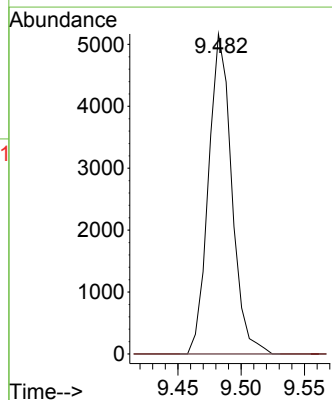
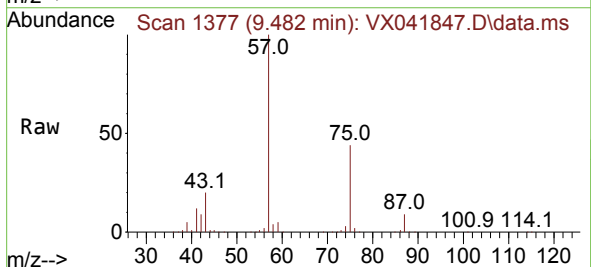
Instrument :
MSVOA_X
ClientSampleId :

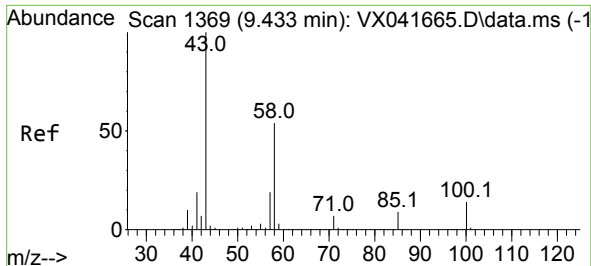
Tgt Ion:	75	Resp:	47581
Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.3	37.9#
39	25.9	46.7	70.1#



#57
1,3-Dichloropropane
Concen: 2.299 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Tgt Ion:	76	Resp:	6611
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#

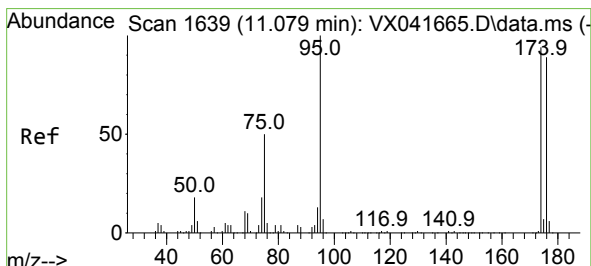
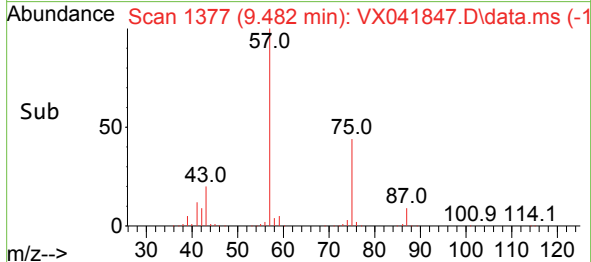
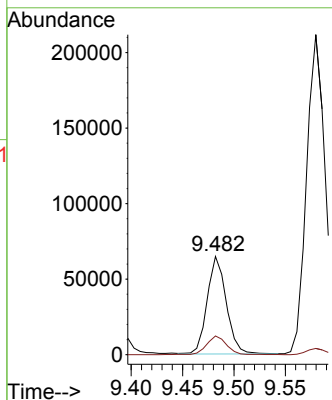
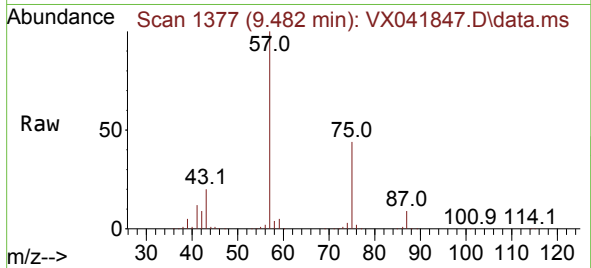




#59
2-Hexanone
Concen: 41.141 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

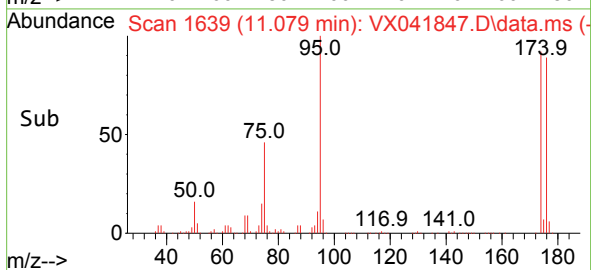
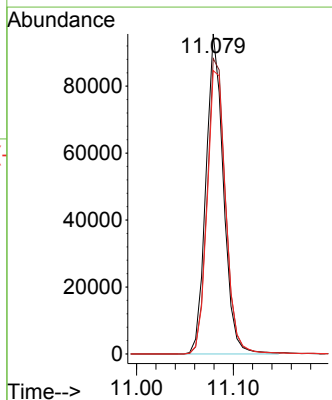
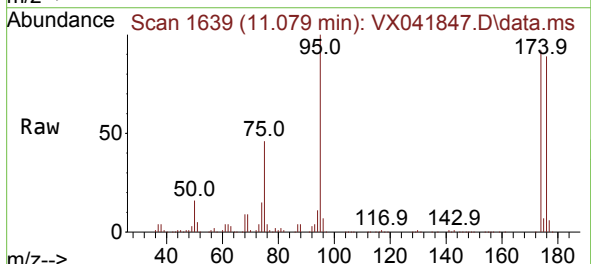
Instrument :
MSVOA_X
ClientSampleId :

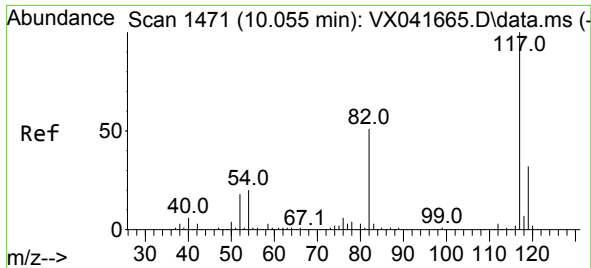
Tgt Ion: 43 Resp: 83960
Ion Ratio Lower Upper
43 100
58 20.2 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 52.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Tgt Ion: 95 Resp: 120430
Ion Ratio Lower Upper
95 100
174 97.2 0.0 135.6
176 94.5 0.0 131.0

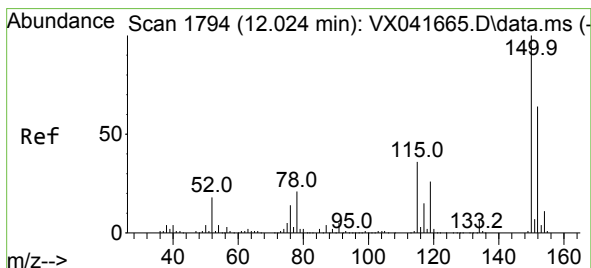
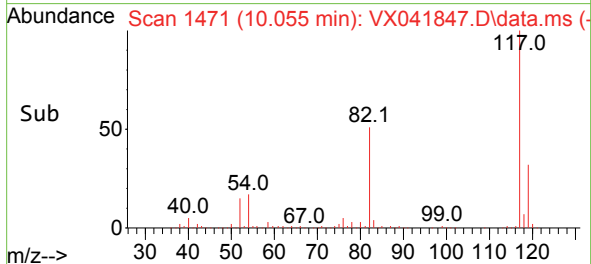
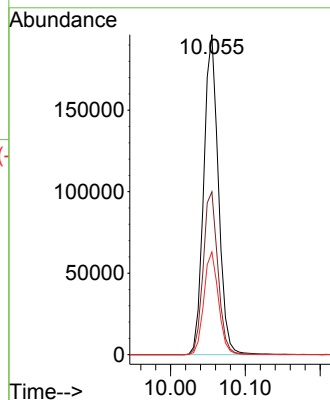
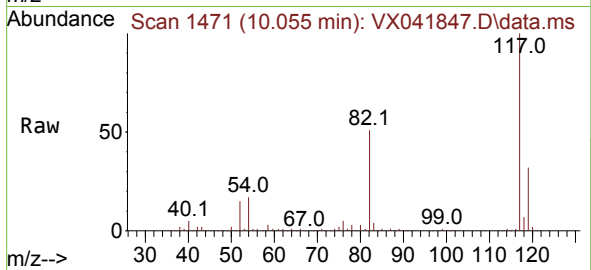




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

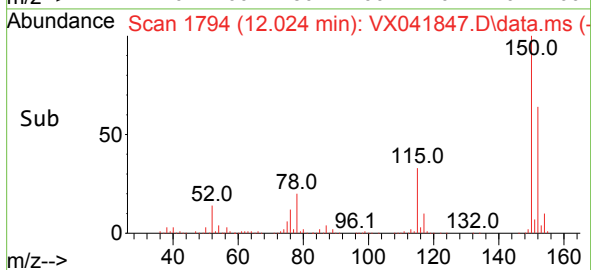
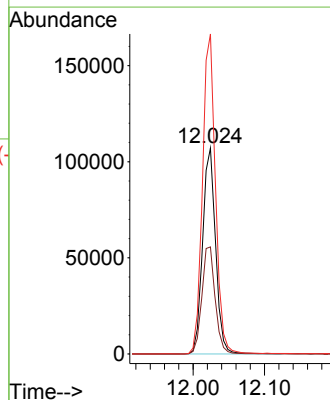
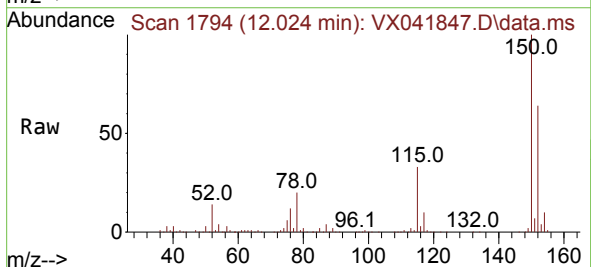
Instrument :
MSVOA_X
ClientSampleId :

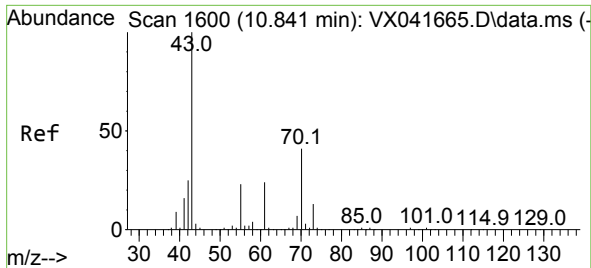
Tgt Ion:117 Resp: 266739
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

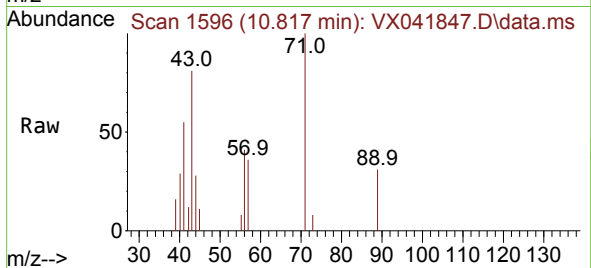
Tgt Ion:152 Resp: 134959
Ion Ratio Lower Upper
152 100
115 53.6 43.3 129.9
150 155.4 0.0 345.0



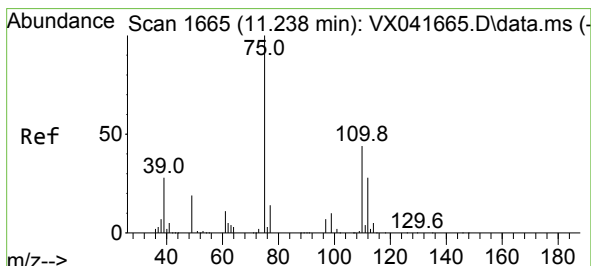
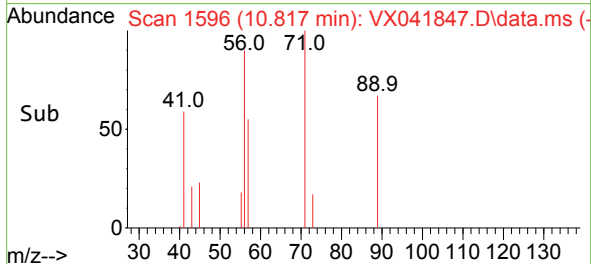
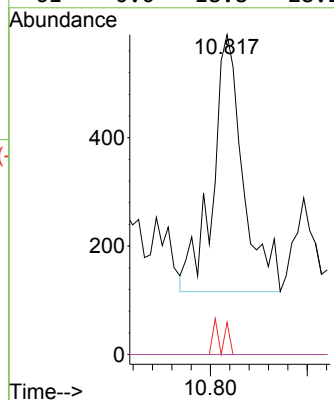


#74
N-amy1 acetate
Concen: 0.278 ug/l
RT: 10.817 min Scan# 1639
Delta R.T. -0.024 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :

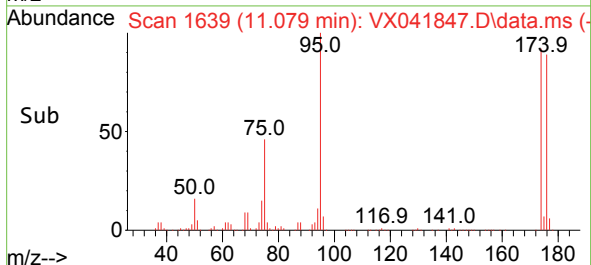
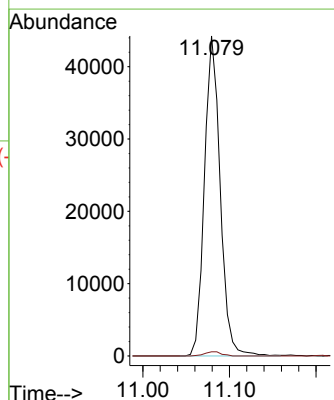
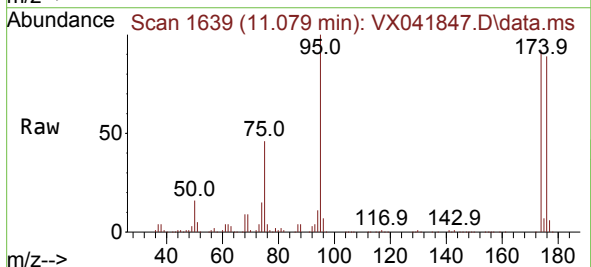


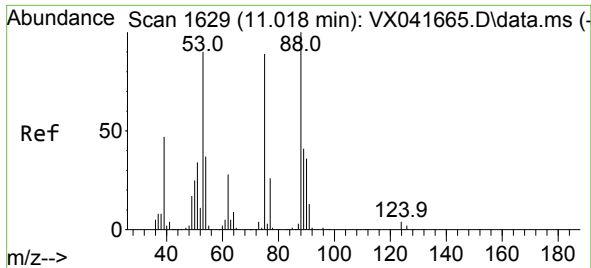
Tgt Ion: 43	Resp: 1030
Ion Ratio	Lower Upper
43	100
70	0.0 32.9 49.3#
55	4.5 19.3 28.9#
61	0.0 18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 23.757 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041847.D
Acq: 13 Jun 2024 12:35

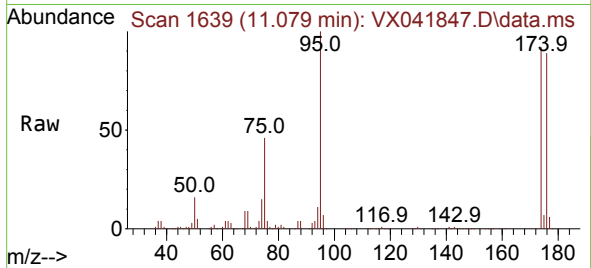
Tgt Ion: 75	Resp: 55942
Ion Ratio	Lower Upper
75	100
77	1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.750 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041847.D
 Acq: 13 Jun 2024 12:35

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 55942
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

