

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041856.D
 Acq On : 13 Jun 2024 16:05
 Operator : JC/MD
 Sample : PB161467ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 01:00:27 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)

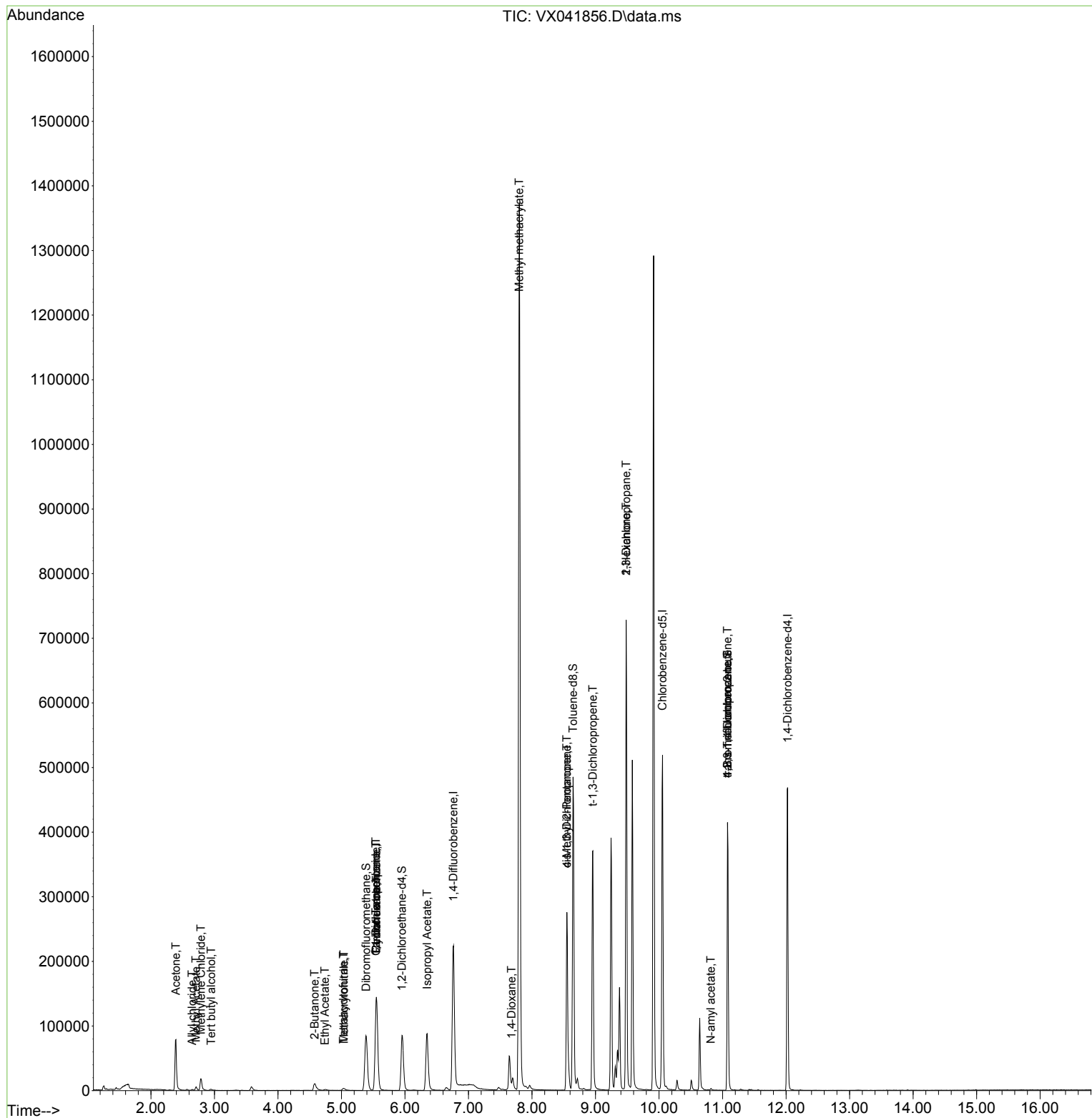
Internal Standards						
1) Pentafluorobenzene	5.550	168	160245	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	252721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83224	42.346	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.700%		
35) Dibromofluoromethane	5.385	113	77325	44.254	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.500%		
50) Toluene-d8	8.647	98	298628	48.913	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.820%		
62) 4-Bromofluorobenzene	11.079	95	108568	48.181	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.360%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	1337	3.846	ug/l	# 78
14) Allyl chloride	2.648	41	1742	0.741	ug/l	# 40
16) Acetone	2.392	43	89819	102.500	ug/l	# 88
18) Methyl Acetate	2.709	43	7036	3.749	ug/l	99
20) Methylene Chloride	2.788	84	10514	5.978	ug/l	90
25) 2-Butanone	4.574	43	22686	18.572	ug/l	95
29) Tetrahydrofuran	5.032	42	3638	4.723	ug/l	100
31) Cyclohexane	5.550	56	2107	0.908	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	9503	4.492	ug/l	# 50
37) Ethyl Acetate	4.739	43	3216	1.204	ug/l	# 94
38) Carbon Tetrachloride	5.544	117	13545	5.635	ug/l	# 15
41) Methacrylonitrile	5.038	41	1950	1.493	ug/l	# 44
43) Isopropyl Acetate	6.348	43	125332	31.090	ug/l	96
48) Methyl methacrylate	7.799	41	111883	57.793	ug/l	# 45
49) 1,4-Dioxane	7.677	88	79	1.868	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.549	43	99941	38.232	ug/l	# 47
53) t-1,3-Dichloropropene	8.958	75	928	0.422	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	47637	19.591	ug/l	# 51
57) 1,3-Dichloropropane	9.482	76	6535	2.327	ug/l	# 42
59) 2-Hexanone	9.482	43	83269	41.781	ug/l	# 54
74) N-amyl acetate	10.817	43	894	0.279	ug/l	# 46
76) 1,2,3-Trichloropropane	11.079	75	49592	24.365	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	49592	66.406	ug/l	# 5

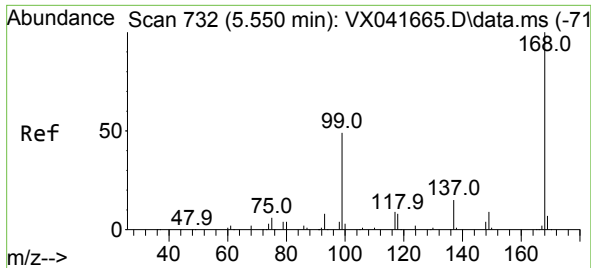
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
Data File : VX041856.D
Acq On : 13 Jun 2024 16:05
Operator : JC/MD
Sample : PB161467ZHE#11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:00:27 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

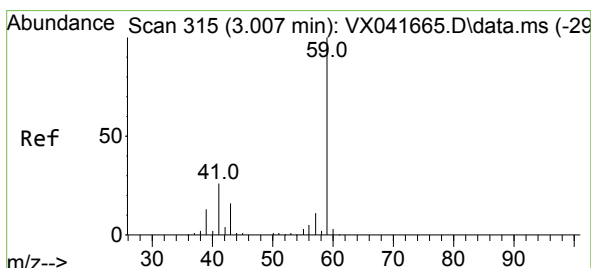
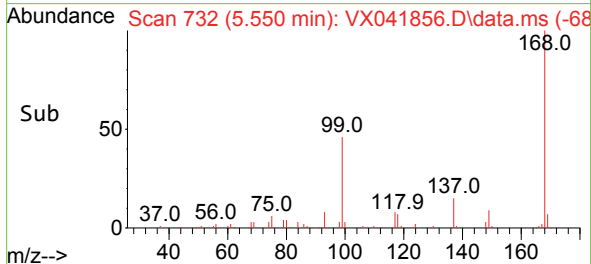
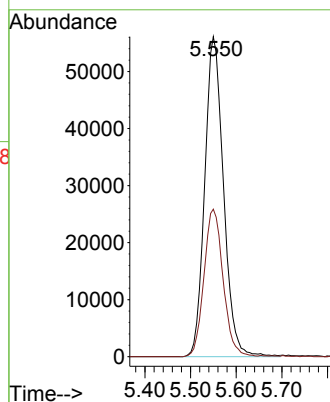
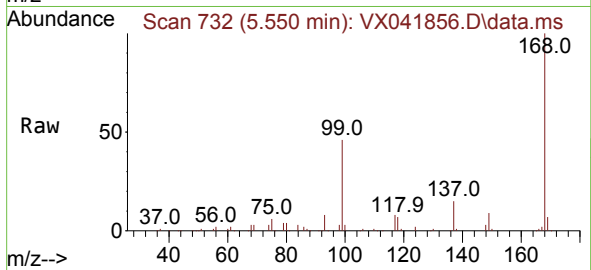




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

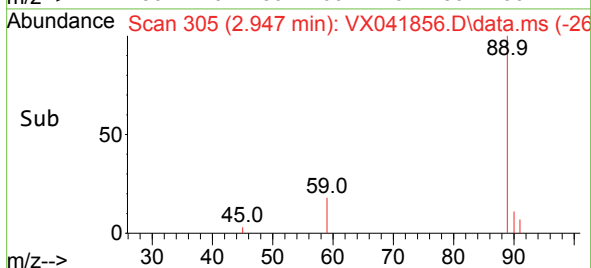
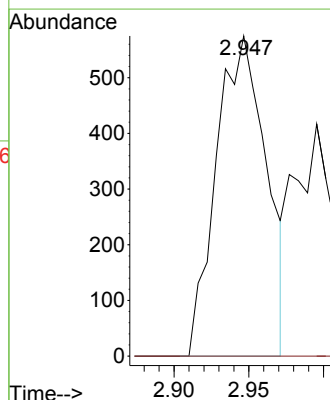
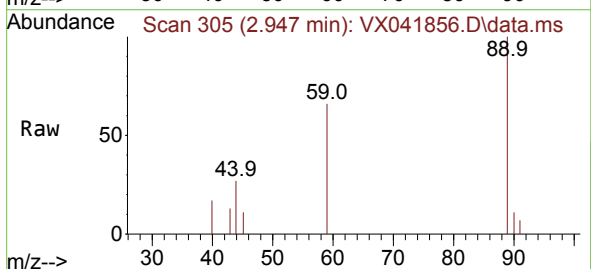
Instrument :
MSVOA_X
ClientSampleId :

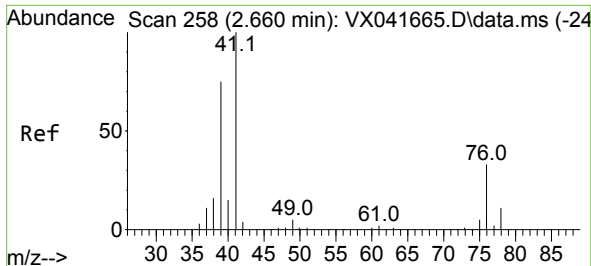
Tgt Ion:168 Resp: 160245
Ion Ratio Lower Upper
168 100
99 46.1 56.6 85.0#



#11
Tert butyl alcohol
Concen: 3.846 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

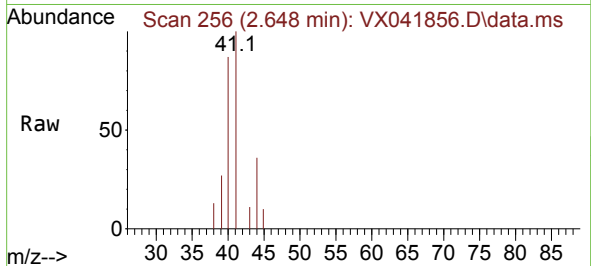
Tgt Ion: 59 Resp: 1337
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



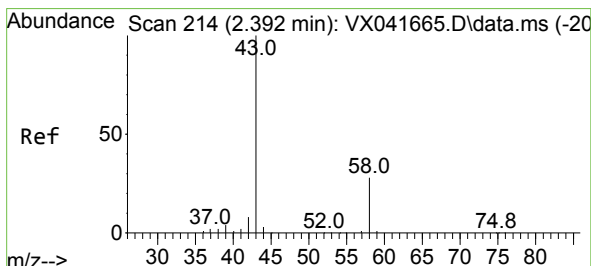
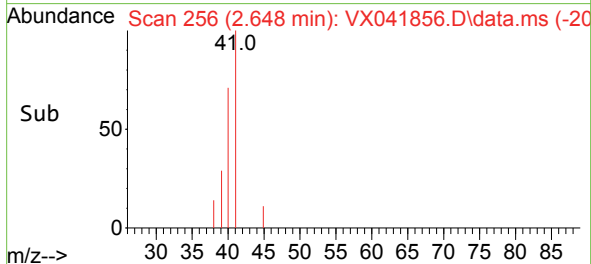
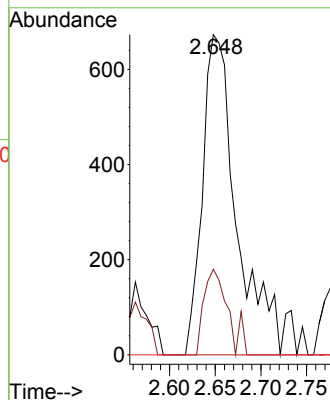


#14
 Allyl chloride
 Concen: 0.741 ug/l
 RT: 2.648 min Scan# 214
 Delta R.T. -0.012 min
 Lab File: VX041856.D
 Acq: 13 Jun 2024 16:05

Instrument :
 MSVOA_X
 ClientSampleId :

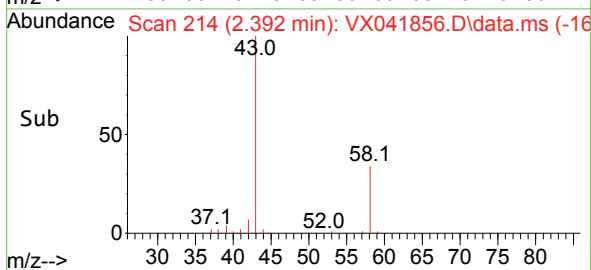
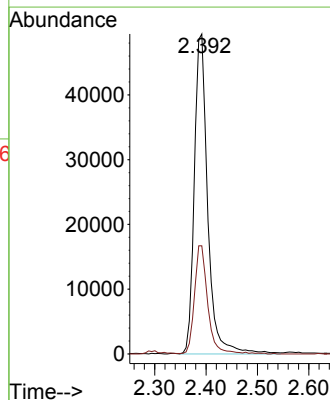
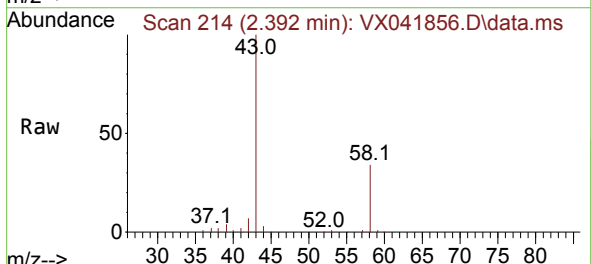


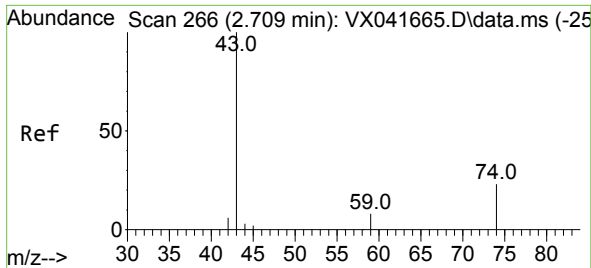
Tgt Ion: 41 Resp: 1742
 Ion Ratio Lower Upper
 41 100
 39 18.7 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 102.500 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX041856.D
 Acq: 13 Jun 2024 16:05

Tgt Ion: 43 Resp: 89819
 Ion Ratio Lower Upper
 43 100
 58 33.8 21.9 32.9#

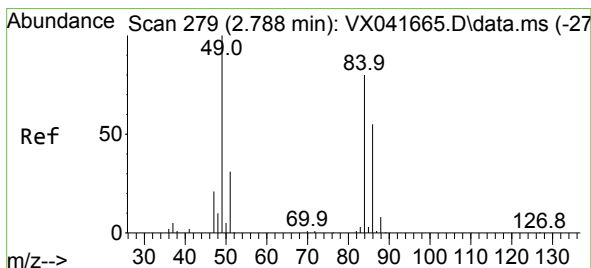
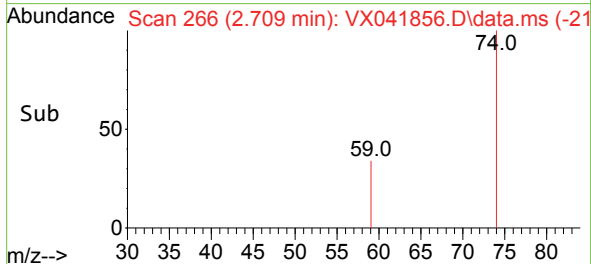
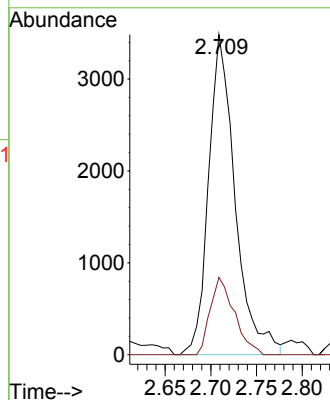
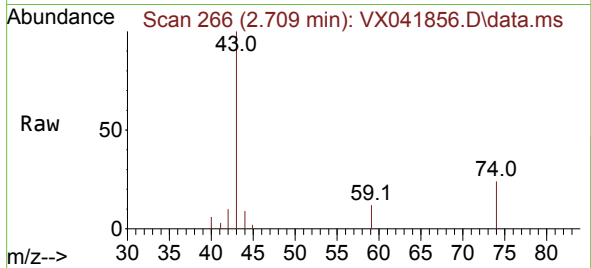




#18
Methyl Acetate
Concen: 3.749 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

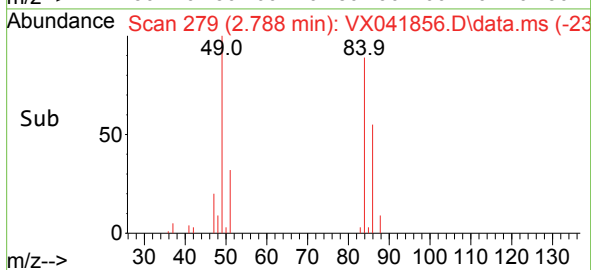
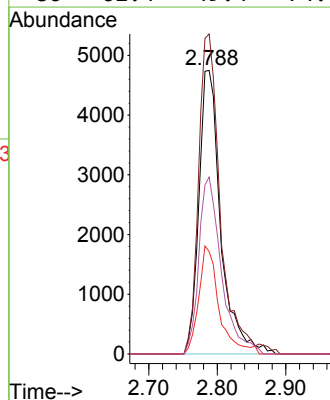
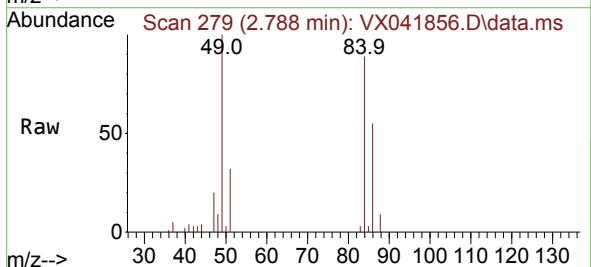
Instrument :
MSVOA_X
ClientSampleId :

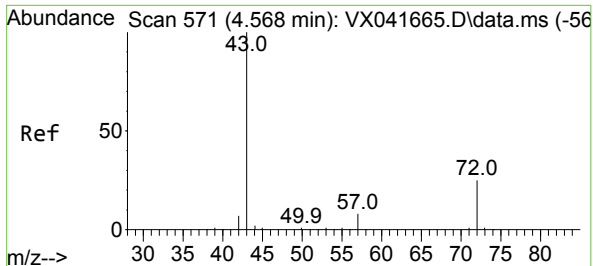
Tgt Ion: 43 Resp: 7036
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8



#20
Methylene Chloride
Concen: 5.978 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

Tgt Ion: 84 Resp: 10514
Ion Ratio Lower Upper
84 100
49 112.8 103.6 155.4
51 36.1 33.8 50.6
86 62.4 49.4 74.0

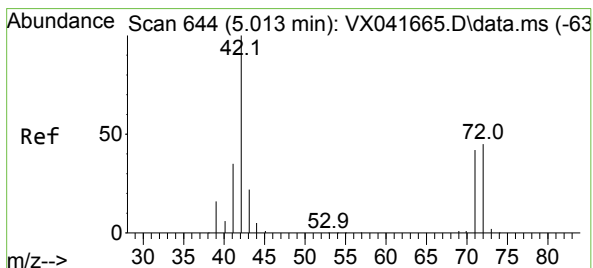
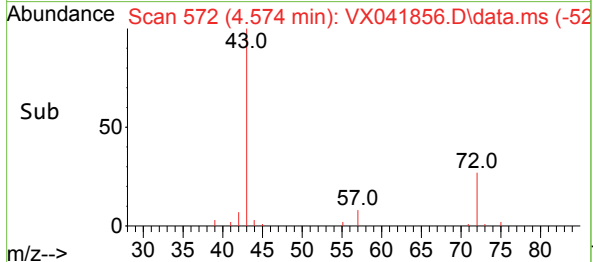
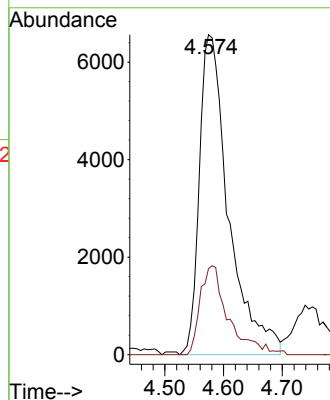
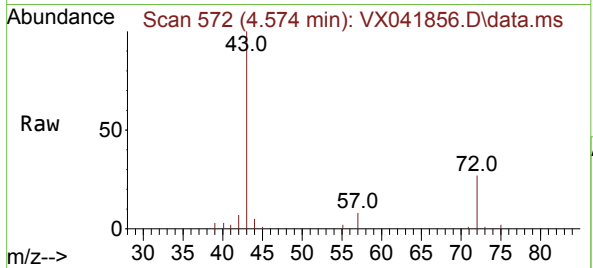




#25
2-Butanone
Concen: 18.572 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

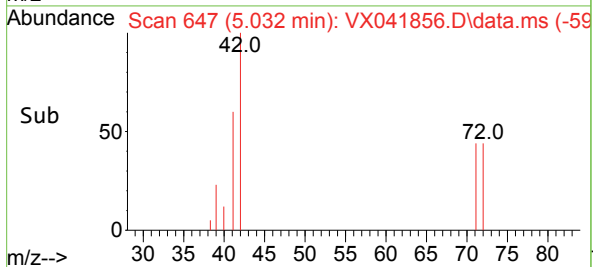
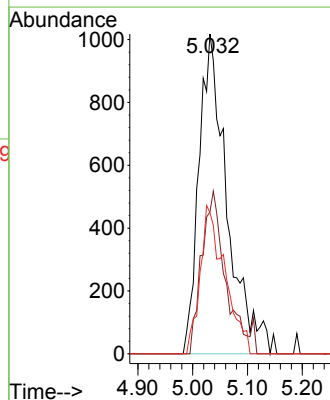
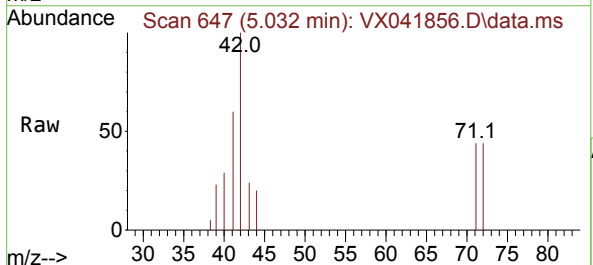
Instrument :
MSVOA_X
ClientSampleId :

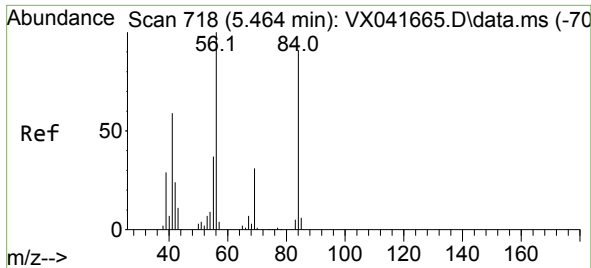
Tgt Ion: 43 Resp: 22686
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2



#29
Tetrahydrofuran
Concen: 4.723 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

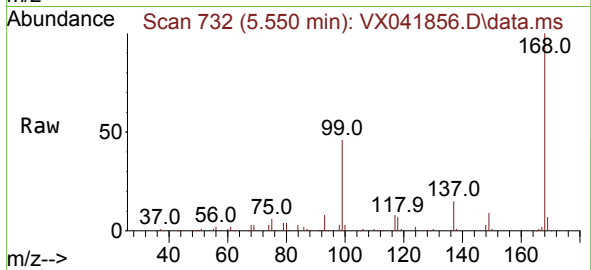
Tgt Ion: 42 Resp: 3638
Ion Ratio Lower Upper
42 100
72 42.6 34.2 51.4
71 40.6 32.2 48.2



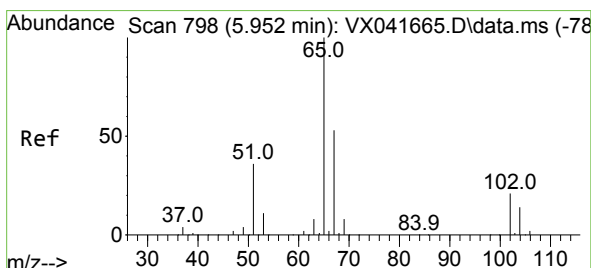
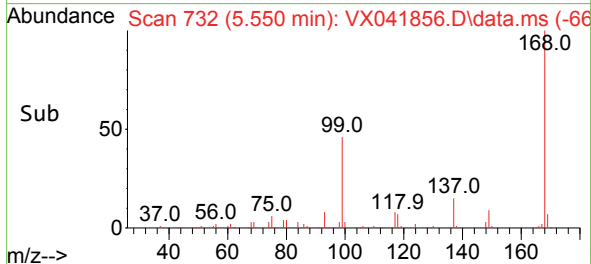
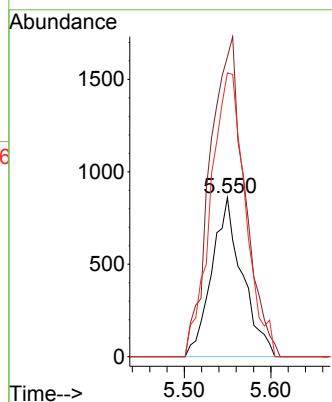


#31
Cyclohexane
Concen: 0.908 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :

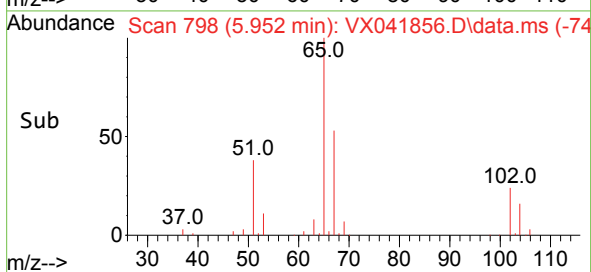
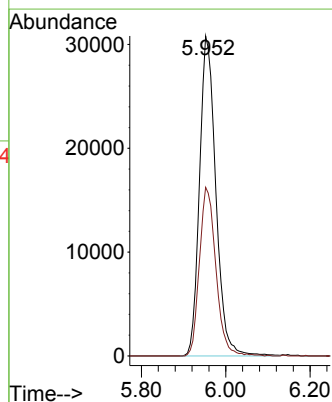
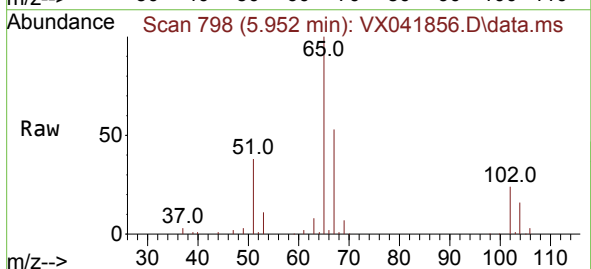


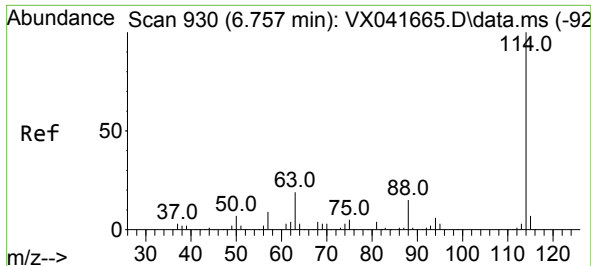
Tgt Ion: 56 Resp: 2107
Ion Ratio Lower Upper
56 100
69 188.5 23.4 35.2#
84 178.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.346 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

Tgt Ion: 65 Resp: 83224
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

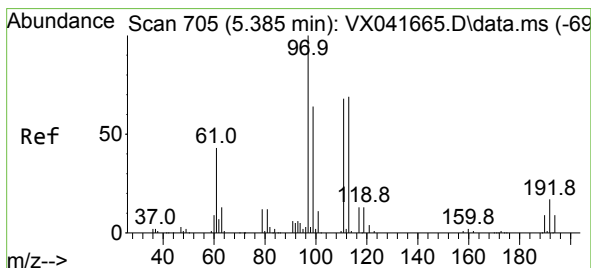
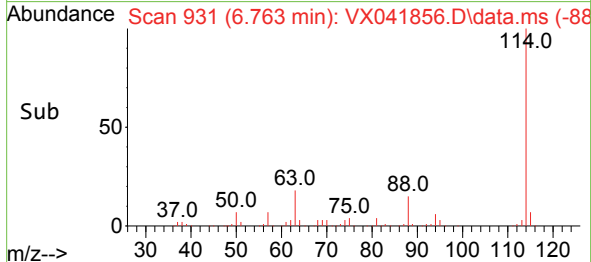
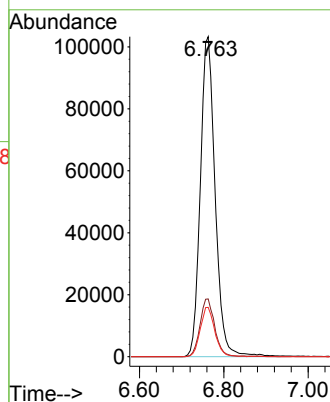
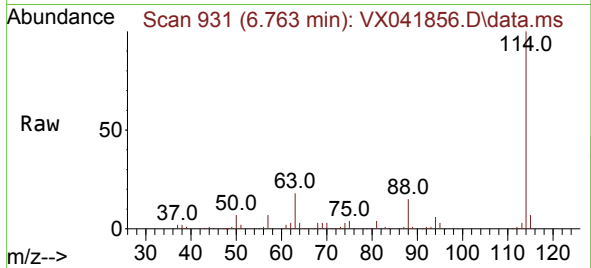




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

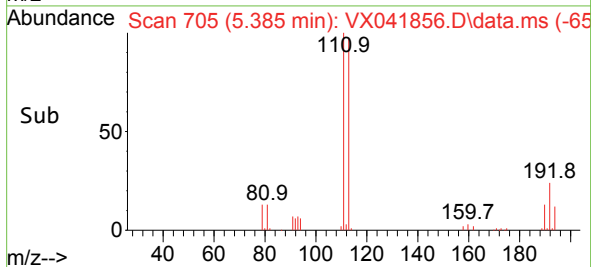
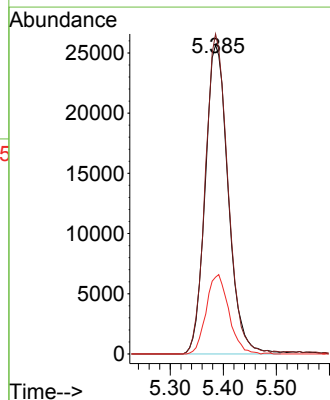
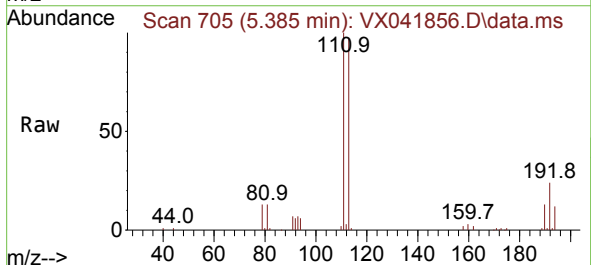
Instrument :
MSVOA_X
ClientSampleId :

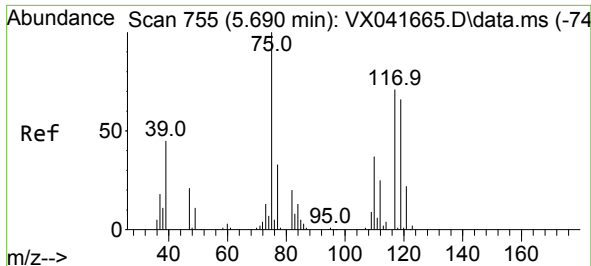
Tgt Ion:114 Resp: 252721
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.254 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

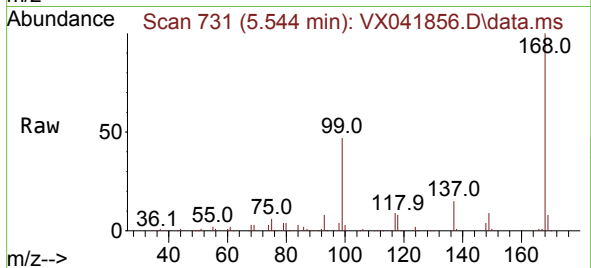
Tgt Ion:113 Resp: 77325
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 25.2 13.3 19.9#



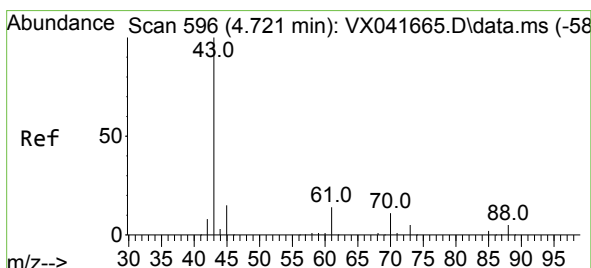
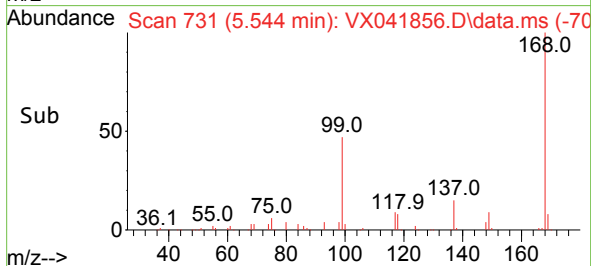
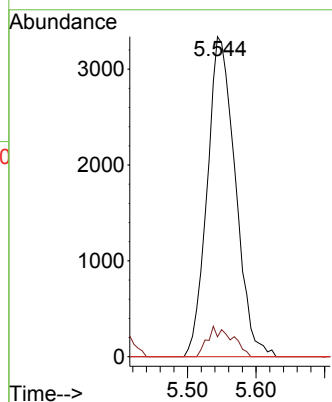


#36
1,1-Dichloropropene
Concen: 4.492 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :

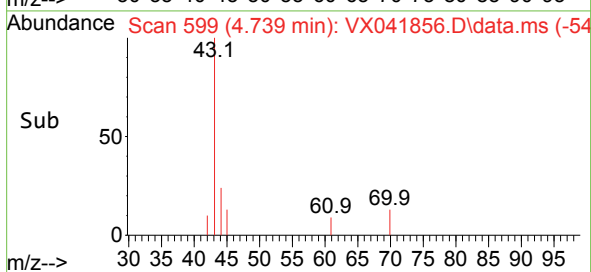
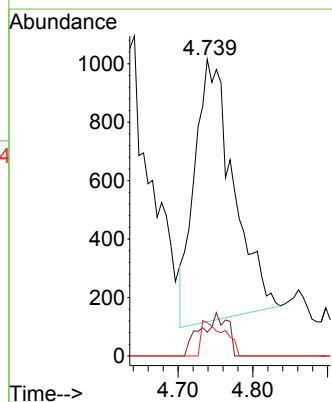
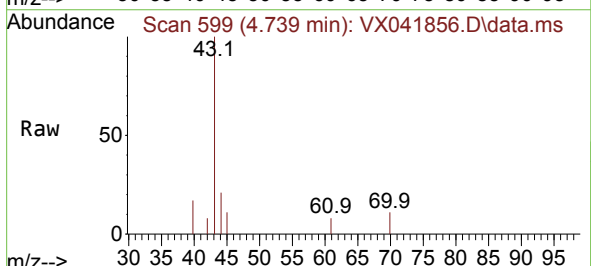


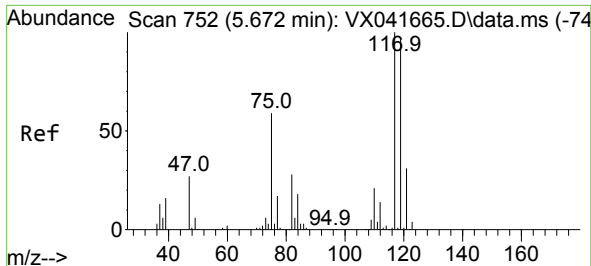
Tgt Ion: 75 Resp: 9503
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.204 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

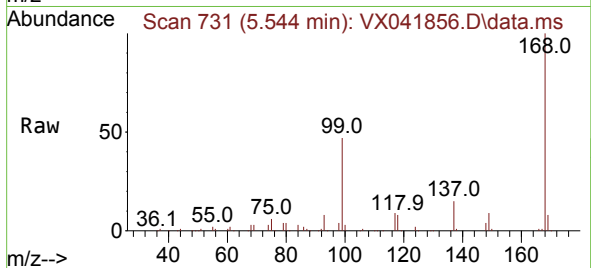
Tgt Ion: 43 Resp: 3216
Ion Ratio Lower Upper
43 100
61 11.3 10.6 16.0
70 8.1 8.3 12.5#



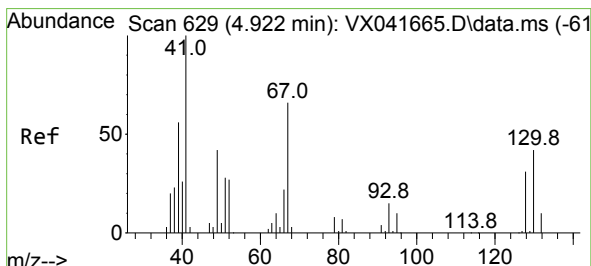
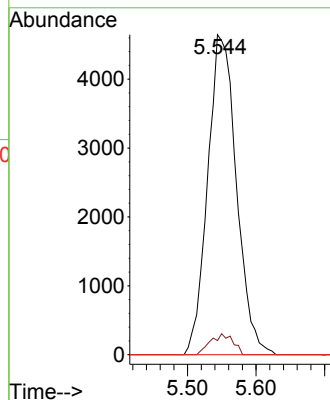
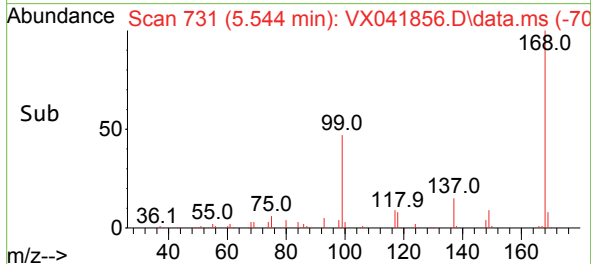


#38
Carbon Tetrachloride
Concen: 5.635 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :

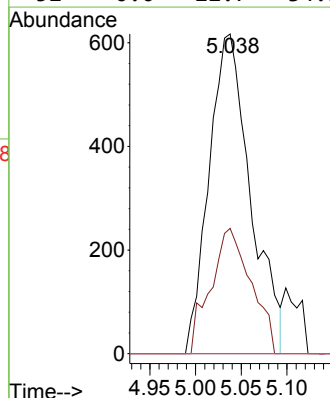
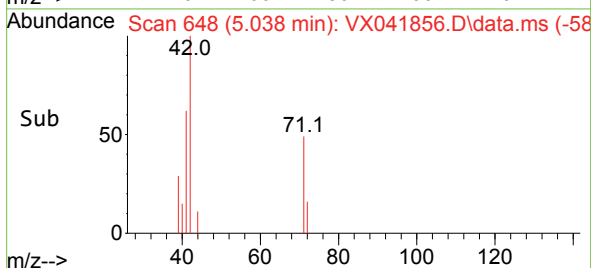
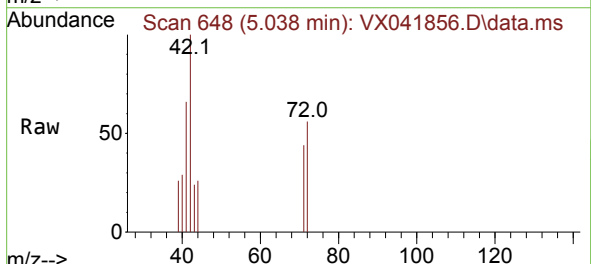


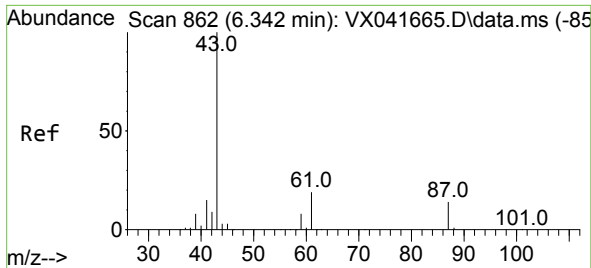
Tgt Ion:117 Resp: 13545
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 1.493 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.116 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

Tgt Ion: 41 Resp: 1950
Ion Ratio Lower Upper
41 100
39 38.3 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

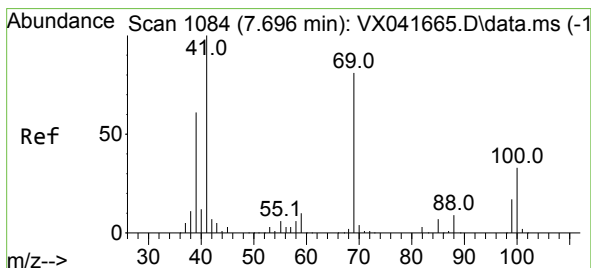
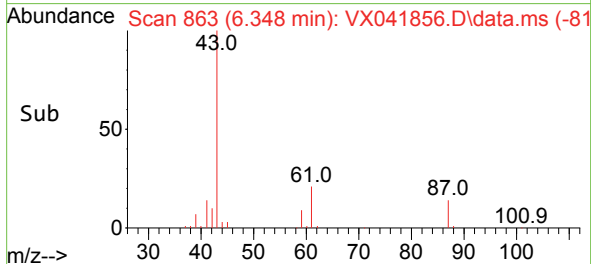
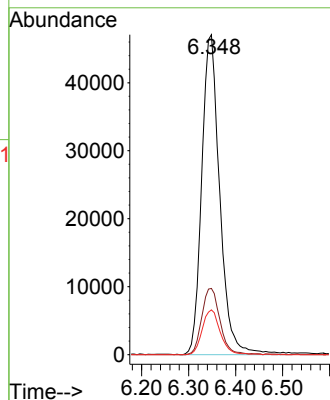
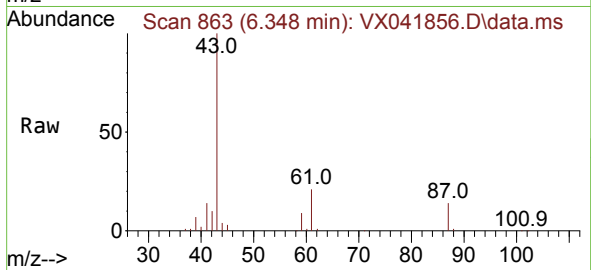




#43
Isopropyl Acetate
Concen: 31.090 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

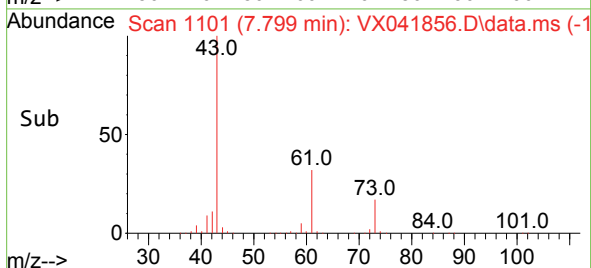
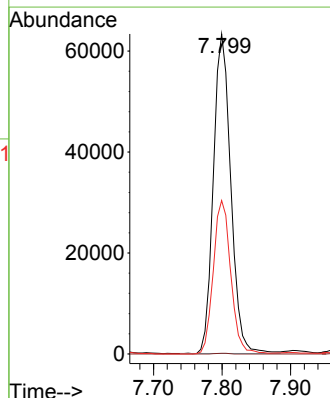
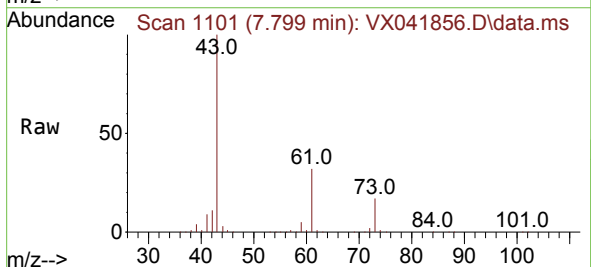
Instrument :
MSVOA_X
ClientSampleId :

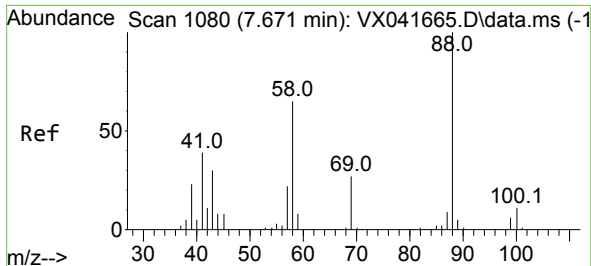
Tgt Ion: 43 Resp: 125332
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 14.0 9.8 14.6



#48
Methyl methacrylate
Concen: 57.793 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

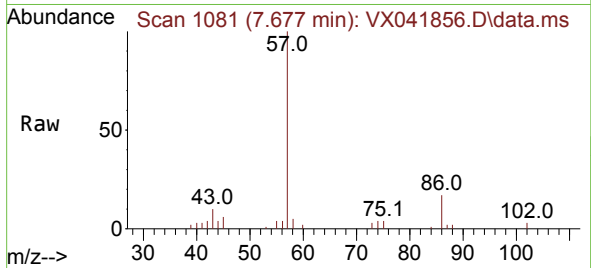
Tgt Ion: 41 Resp: 111883
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 48.1 47.7 71.5



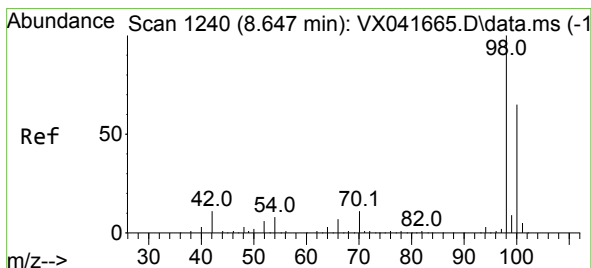
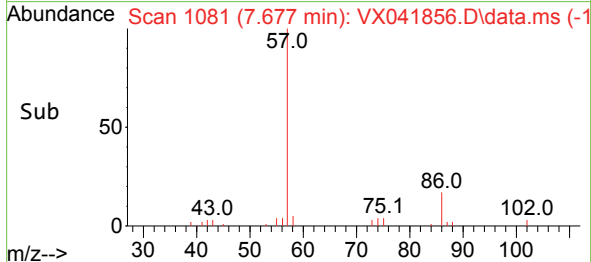
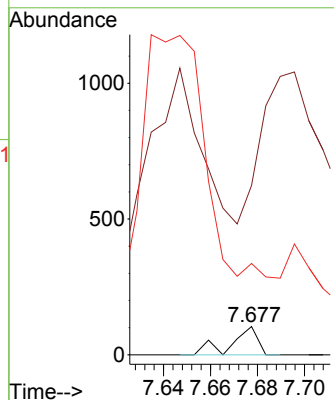


#49
1,4-Dioxane
Concen: 1.868 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :

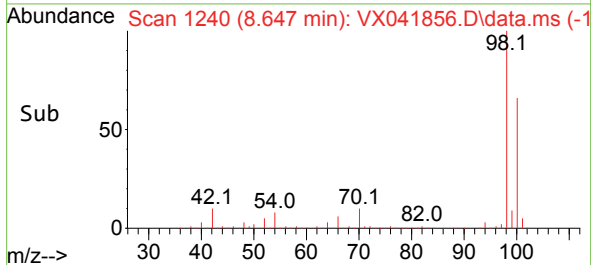
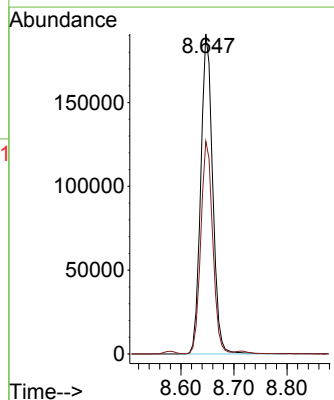
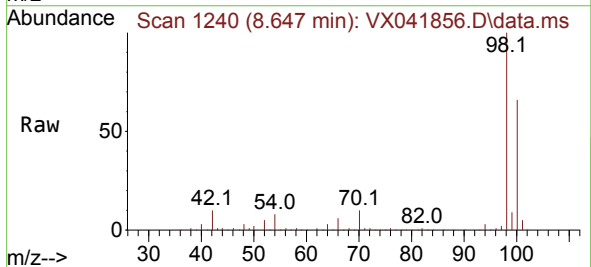


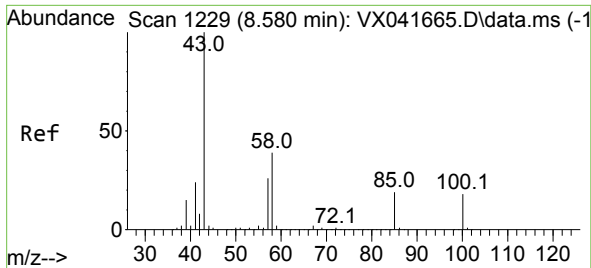
Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	60.1	90.1



#50
Toluene-d8
Concen: 48.913 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7

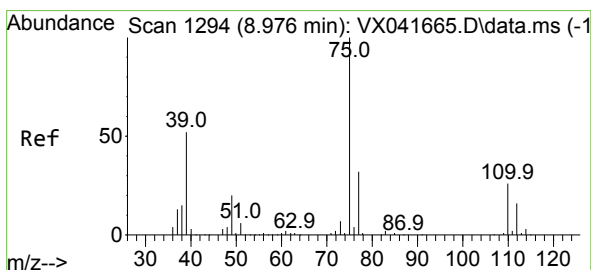
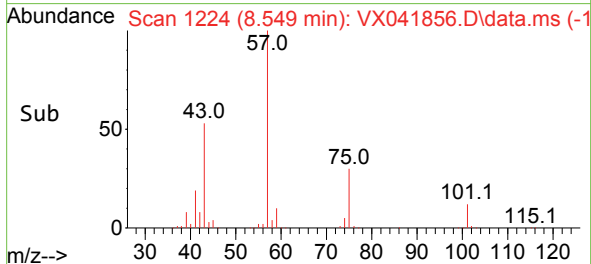
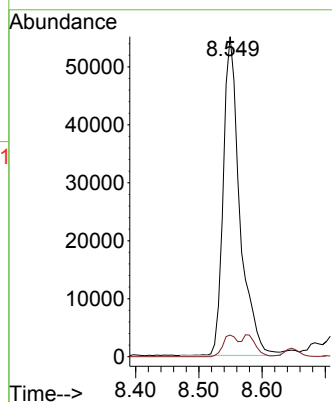
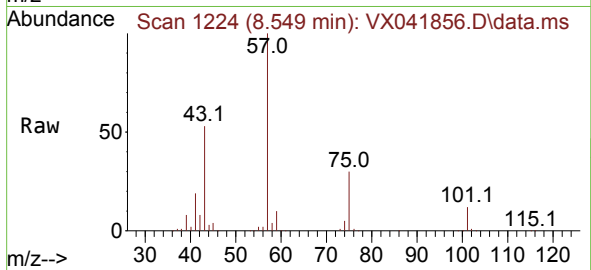




#51
4-Methyl-2-Pentanone
Concen: 38.232 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

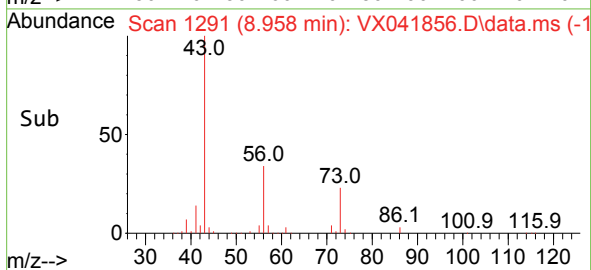
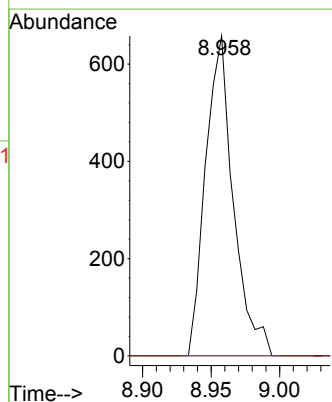
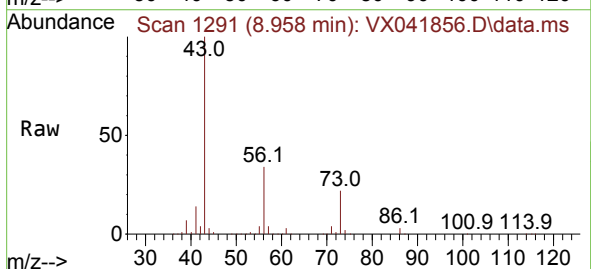
Instrument :
MSVOA_X
ClientSampleId :

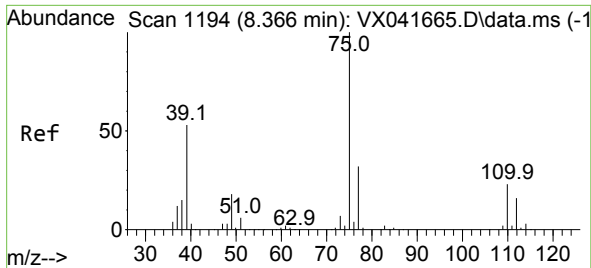
Tgt Ion: 43 Resp: 99941
Ion Ratio Lower Upper
43 100
58 5.8 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.422 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

Tgt Ion: 75 Resp: 928
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

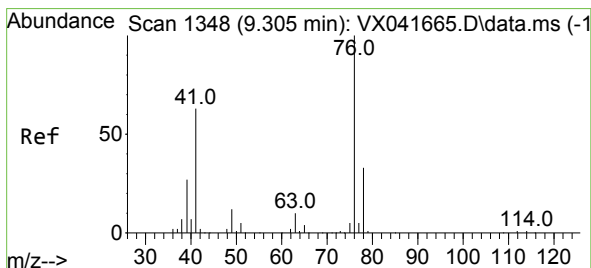
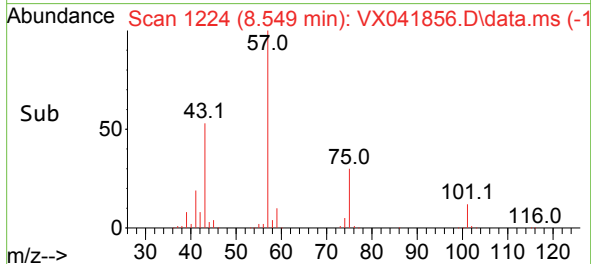
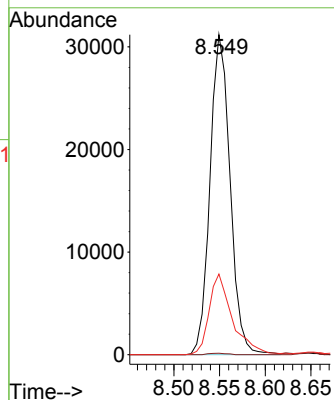
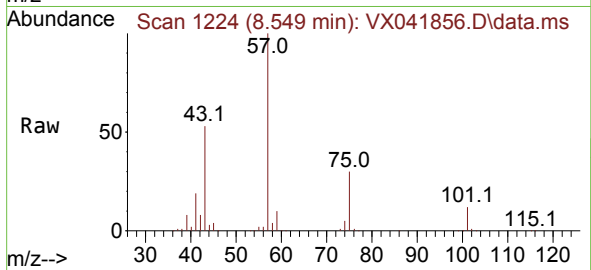




#54
 cis-1,3-Dichloropropene
 Concen: 19.591 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX041856.D
 Acq: 13 Jun 2024 16:05

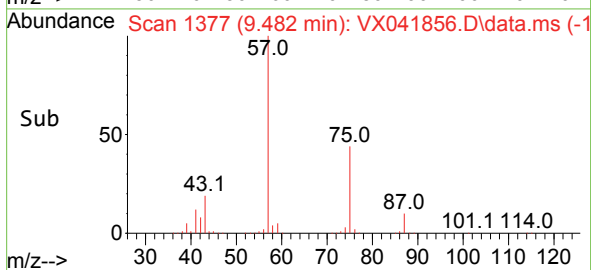
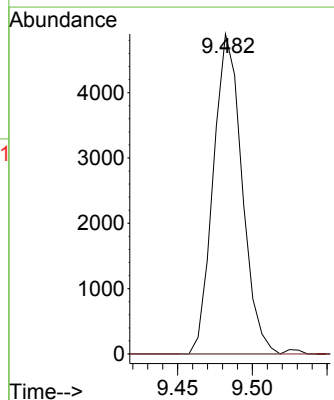
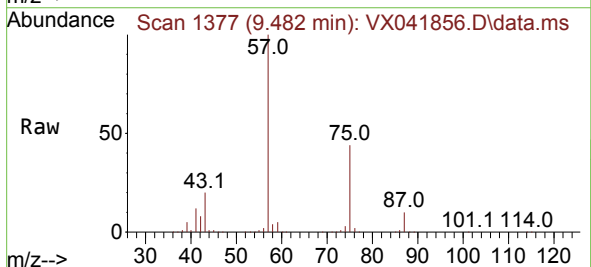
Instrument :
 MSVOA_X
 ClientSampleId :

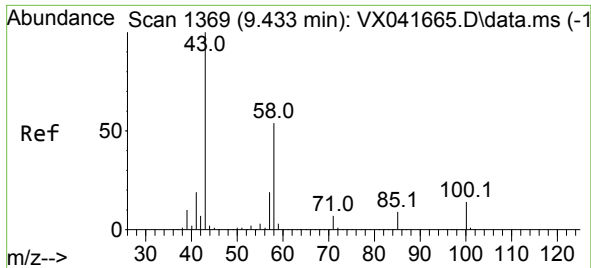
Tgt Ion: 75 Resp: 47637
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.3 37.9#
 39 25.2 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 2.327 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX041856.D
 Acq: 13 Jun 2024 16:05

Tgt Ion: 76 Resp: 6535
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

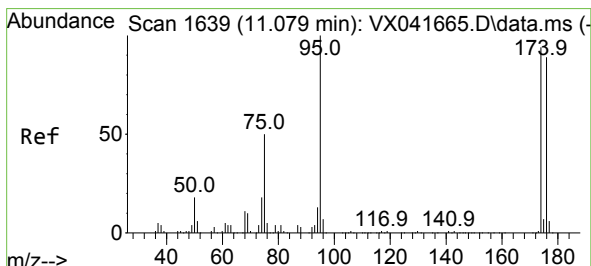
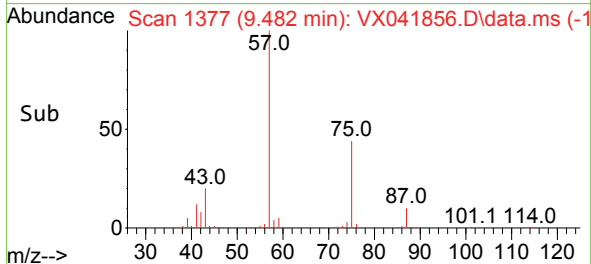
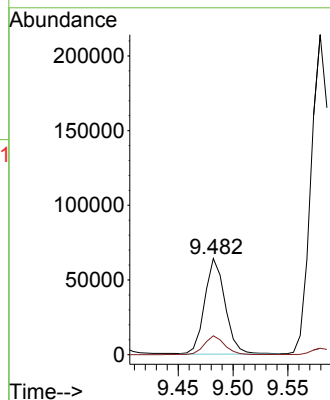
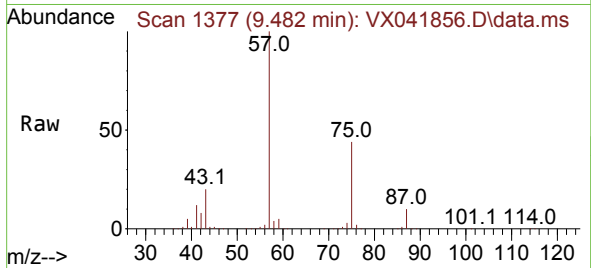




#59
2-Hexanone
Concen: 41.781 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

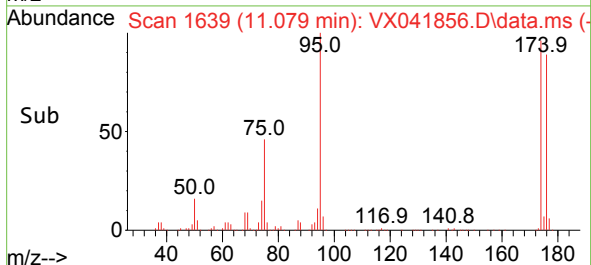
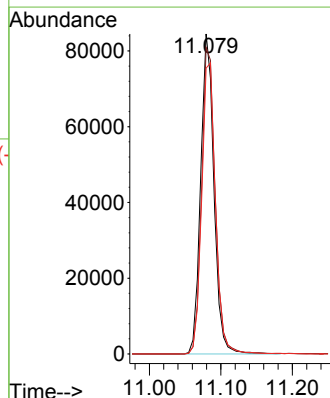
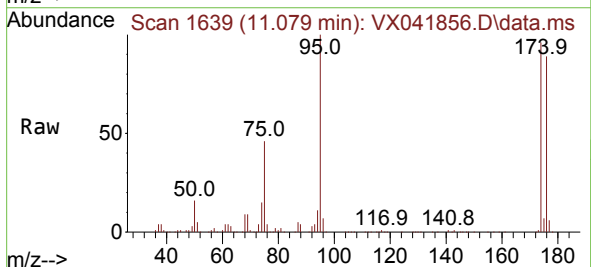
Instrument :
MSVOA_X
ClientSampleId :

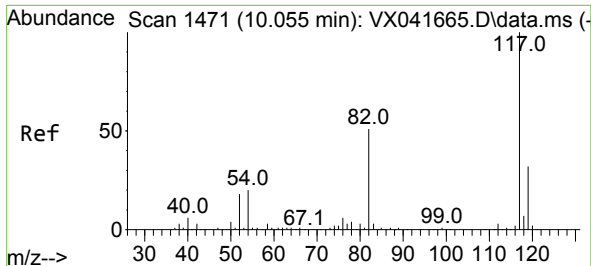
Tgt Ion: 43 Resp: 83269
Ion Ratio Lower Upper
43 100
58 19.9 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 48.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

Tgt Ion: 95 Resp: 108568
Ion Ratio Lower Upper
95 100
174 98.9 0.0 135.6
176 94.9 0.0 131.0

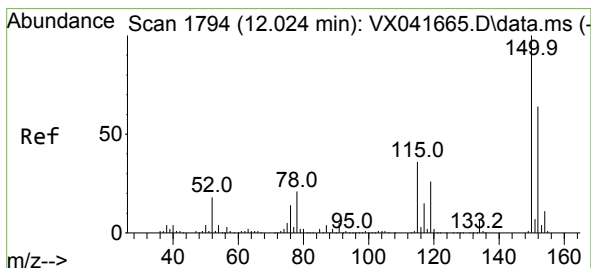
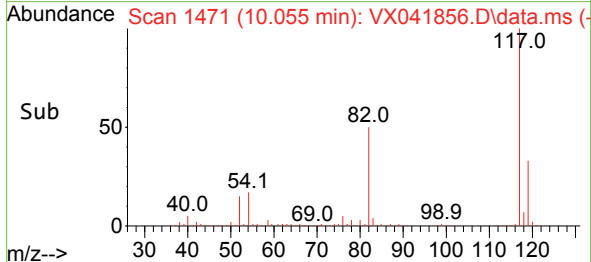
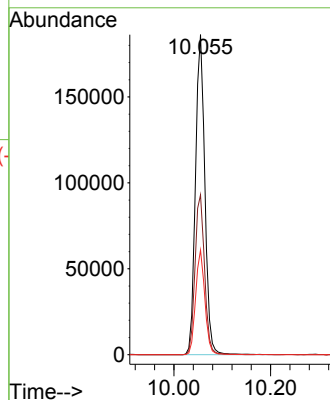
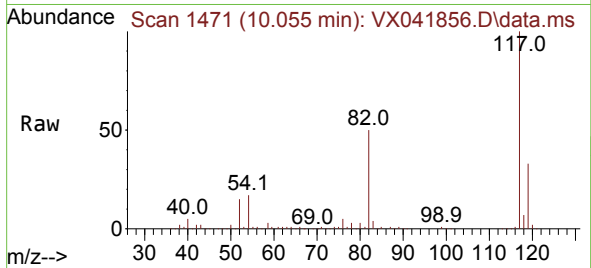




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

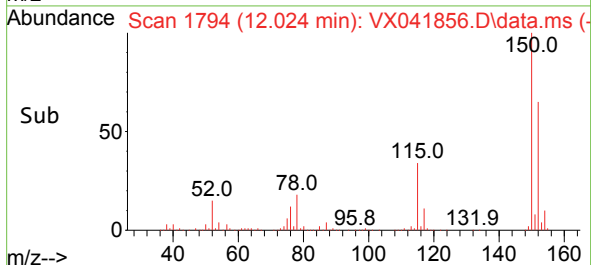
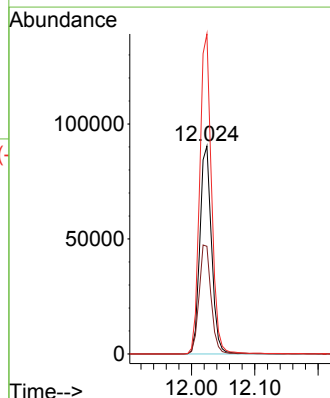
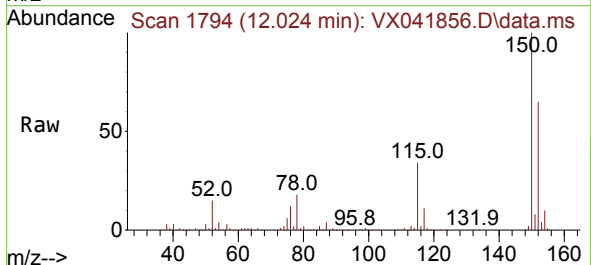
Instrument :
MSVOA_X
ClientSampleId :

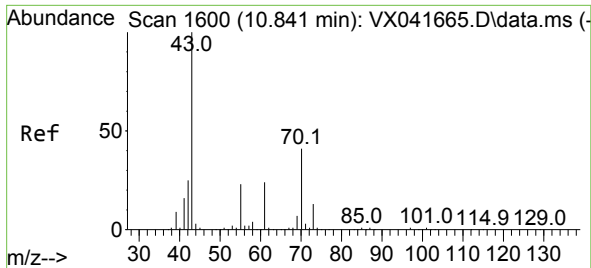
Tgt Ion:117 Resp: 250084
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

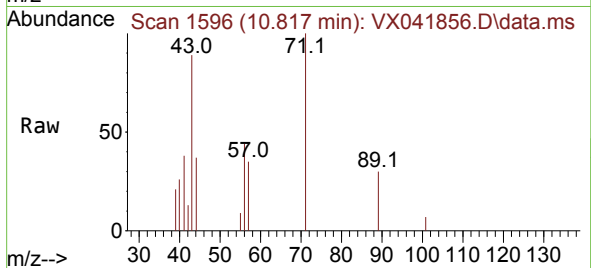
Tgt Ion:152 Resp: 116656
Ion Ratio Lower Upper
152 100
115 53.9 43.3 129.9
150 154.7 0.0 345.0



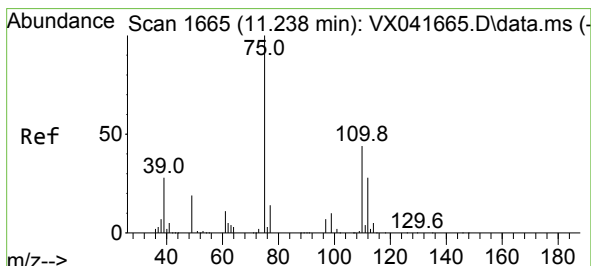
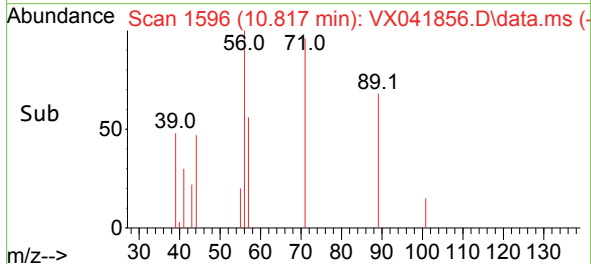
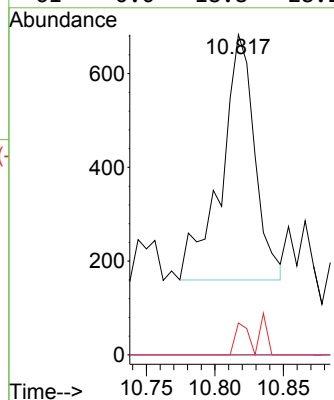


#74
N-amy1 acetate
Concen: 0.279 ug/l
RT: 10.817 min Scan# 1639
Delta R.T. -0.024 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :

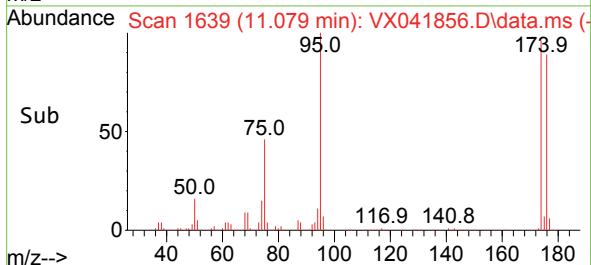
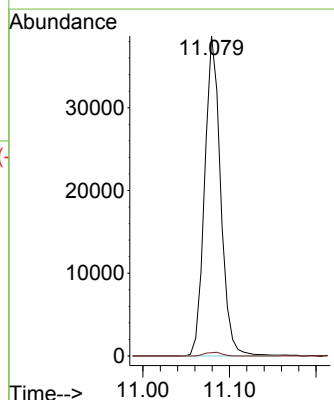
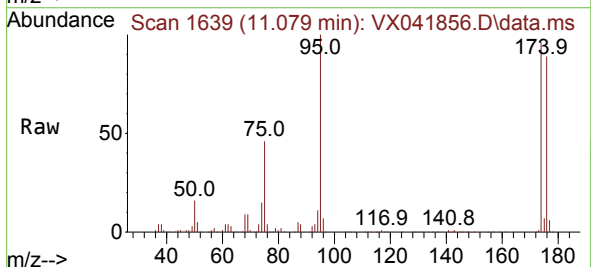


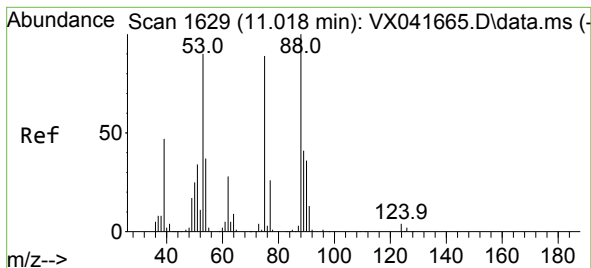
Tgt Ion: 43	Resp: 894
Ion Ratio	Lower Upper
43 100	
70 0.0	32.9 49.3#
55 5.0	19.3 28.9#
61 0.0	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 24.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041856.D
Acq: 13 Jun 2024 16:05

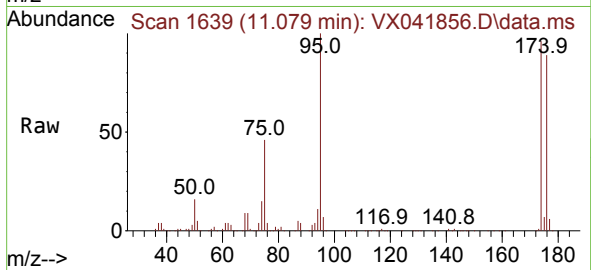
Tgt Ion: 75	Resp: 49592
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.406 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041856.D
 Acq: 13 Jun 2024 16:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 49592
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

