

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041358.D
 Acq On : 02 May 2024 16:56
 Operator : JC/MD
 Sample : P2323-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

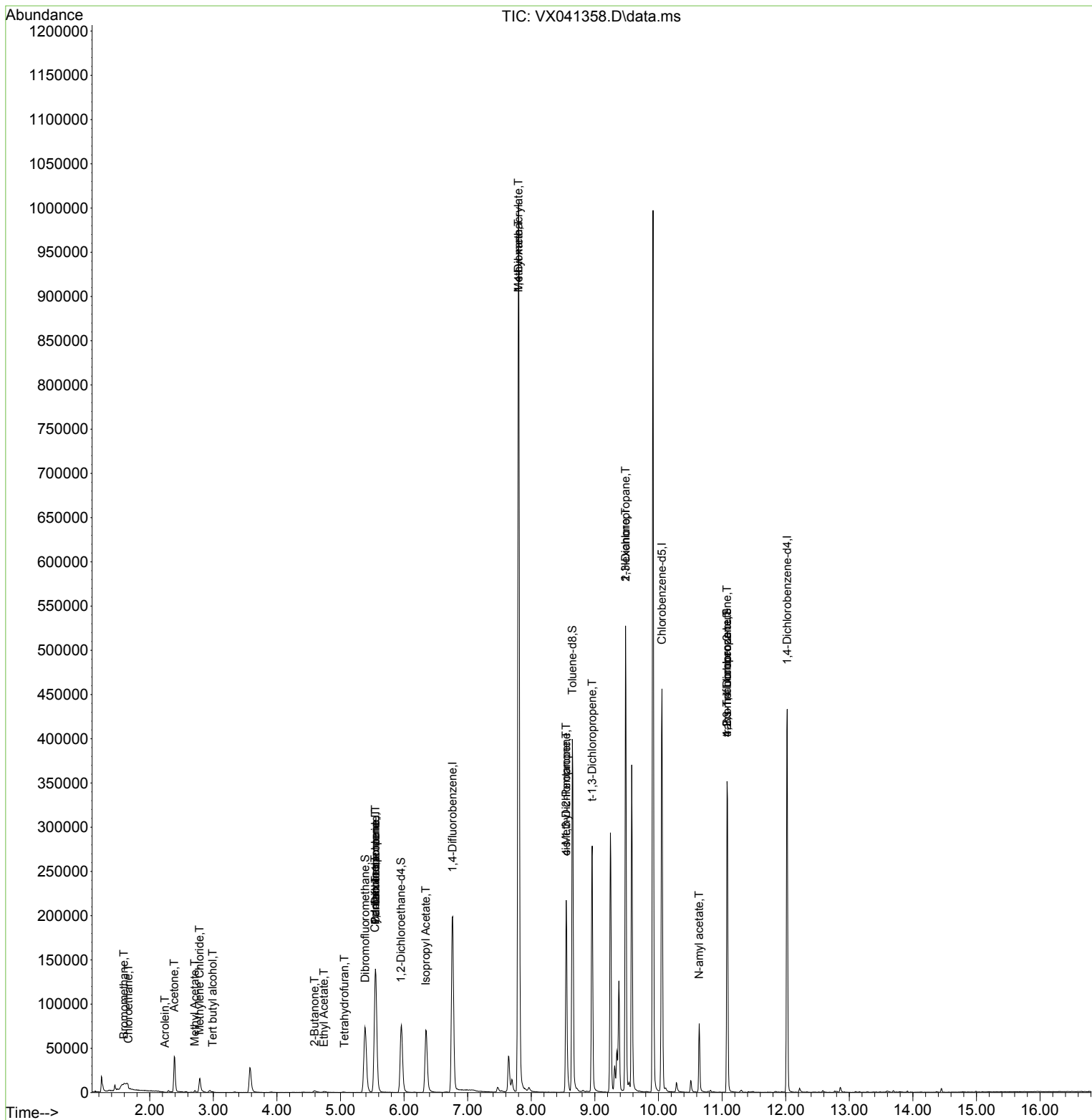
Quant Time: May 03 01:41:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

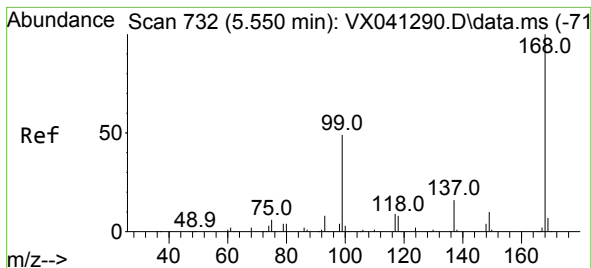
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	149315	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	215120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76209	46.883	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.760%		
35) Dibromofluoromethane	5.385	113	62747	43.042	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.080%		
50) Toluene-d8	8.646	98	233623	50.633	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.260%		
62) 4-Bromofluorobenzene	11.079	95	87806	49.160	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.320%		
Target Compounds						
						Qvalue
5) Bromomethane	1.593	94	480	0.633	ug/l	97
6) Chloroethane	1.666	64	745	1.326	ug/l	# 76
11) Tert butyl alcohol	2.989	59	772	2.373	ug/l	# 78
13) Acrolein	2.239	56	82	0.318	ug/l	# 77
16) Acetone	2.385	43	47602	63.584	ug/l	99
18) Methyl Acetate	2.708	43	2589	1.557	ug/l	94
20) Methylene Chloride	2.782	84	8386	5.943	ug/l	95
25) 2-Butanone	4.592	43	4472	4.251	ug/l	93
29) Tetrahydrofuran	5.062	42	448	0.651	ug/l	# 51
31) Cyclohexane	5.543	56	2672	1.362	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	9590	5.501	ug/l	# 52
37) Ethyl Acetate	4.739	43	2187	1.005	ug/l	# 81
38) Carbon Tetrachloride	5.549	117	12703	6.361	ug/l	# 15
43) Isopropyl Acetate	6.342	43	102026	31.198	ug/l	98
48) Methyl methacrylate	7.799	41	91067	60.747	ug/l	# 49
49) 1,4-Dioxane	7.799	88	166	5.122	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	79074	40.296	ug/l	# 50
53) t-1,3-Dichloropropene	8.957	75	661	0.392	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	34209	18.269	ug/l	# 60
57) 1,3-Dichloropropane	9.482	76	4485	2.123	ug/l	# 42
59) 2-Hexanone	9.482	43	64347	41.008	ug/l	# 53
74) N-amyl acetate	10.640	43	18914	7.214	ug/l	# 53
76) 1,2,3-Trichloropropane	11.079	75	45283	28.263	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45283	76.984	ug/l	# 5

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

Quant Time: May 03 01:41:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX041358.D

Acq: 02 May 2024 16:56

Instrument :

MSVOA_X

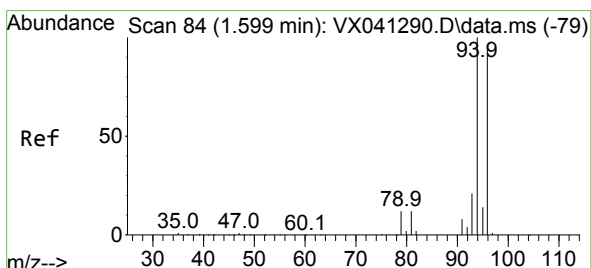
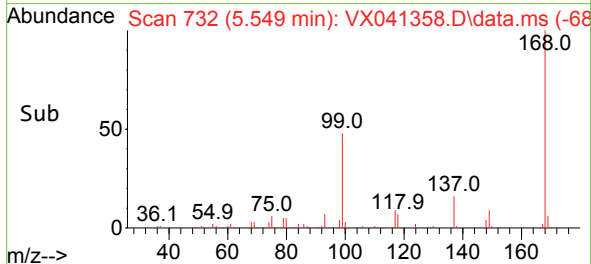
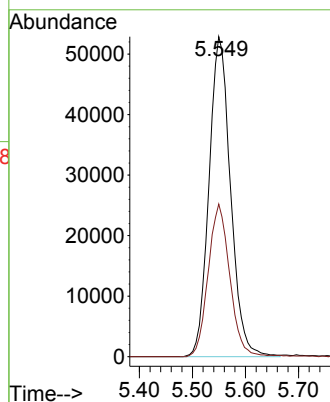
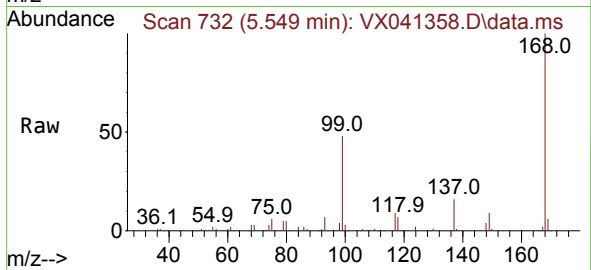
ClientSampleId :

Tgt Ion:168 Resp: 149315

Ion Ratio Lower Upper

168 100

99 47.7 56.6 85.0#



#5

Bromomethane

Concen: 0.633 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.006 min

Lab File: VX041358.D

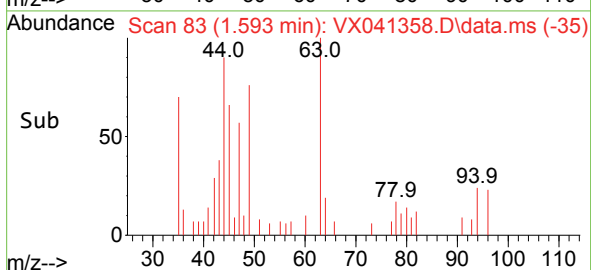
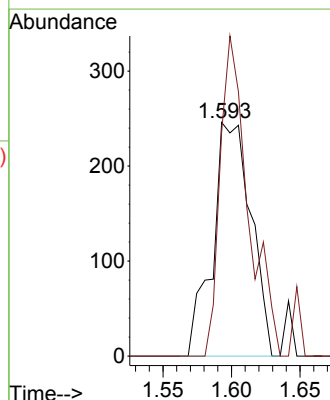
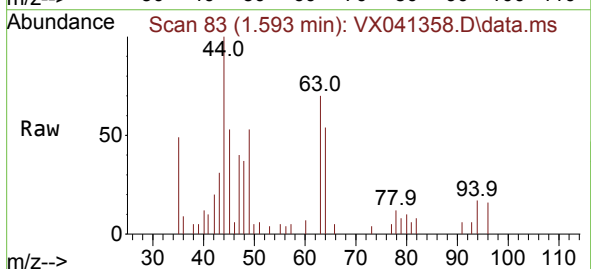
Acq: 02 May 2024 16:56

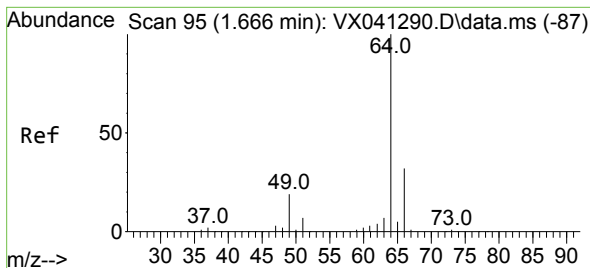
Tgt Ion: 94 Resp: 480

Ion Ratio Lower Upper

94 100

96 95.9 74.6 111.8





#6

Chloroethane

Concen: 1.326 ug/l

RT: 1.666 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX041358.D

Acq: 02 May 2024 16:56

Instrument :

MSVOA_X

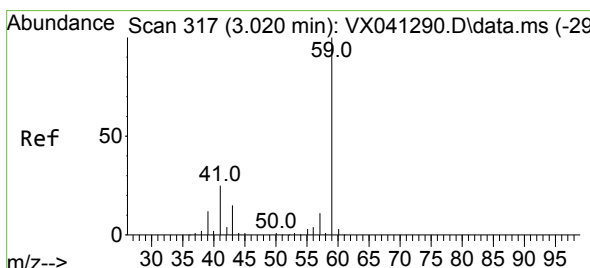
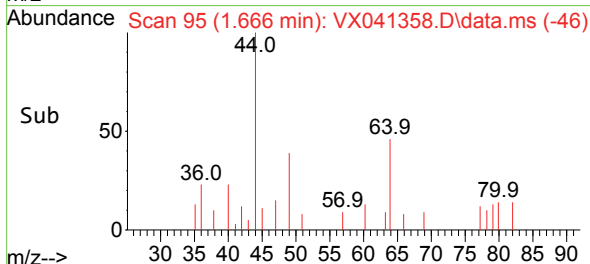
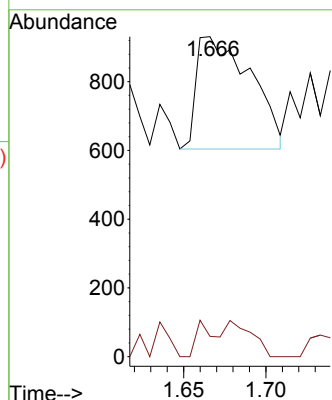
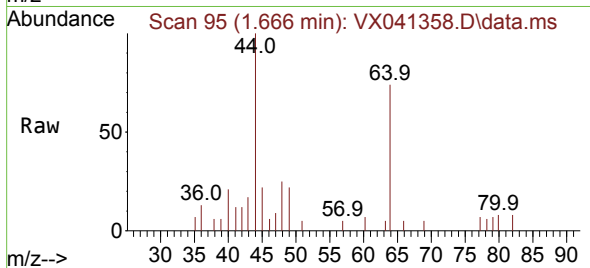
ClientSampleId :

Tgt Ion: 64 Resp: 745

Ion Ratio Lower Upper

64 100

66 18.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 2.373 ug/l

RT: 2.989 min Scan# 312

Delta R.T. -0.031 min

Lab File: VX041358.D

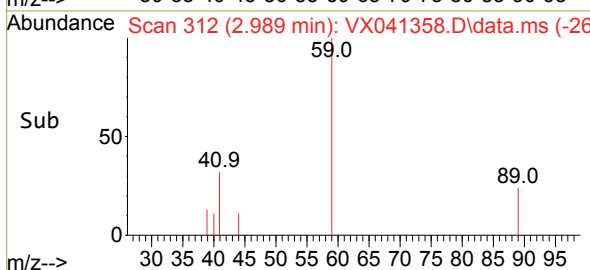
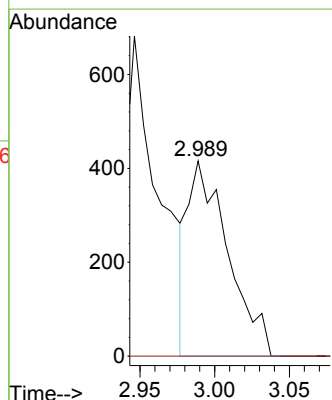
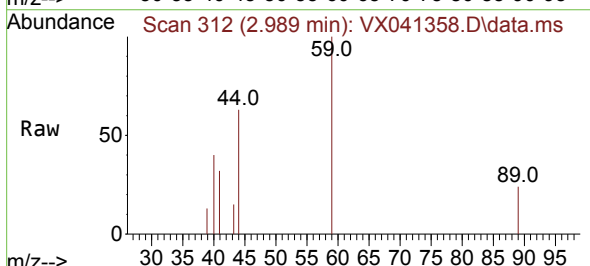
Acq: 02 May 2024 16:56

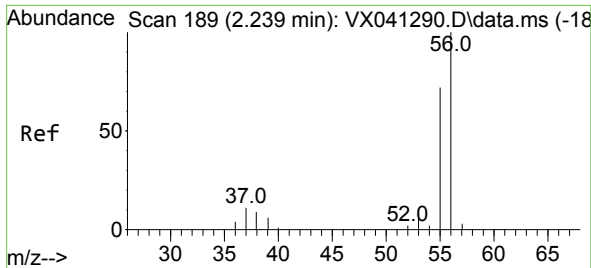
Tgt Ion: 59 Resp: 772

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.318 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041358.D

Acq: 02 May 2024 16:56

Instrument :

MSVOA_X

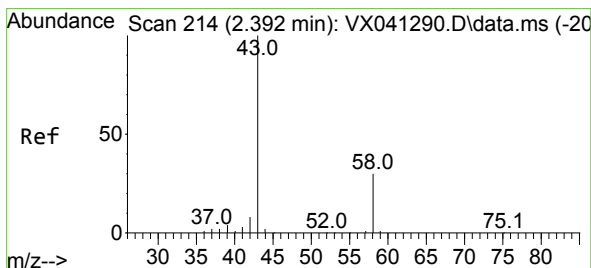
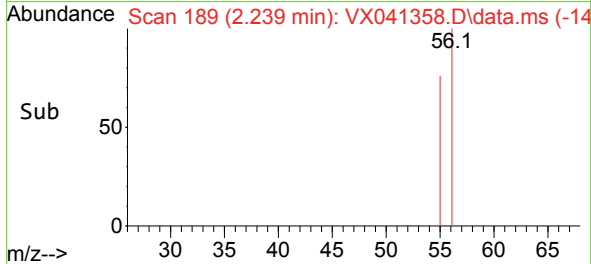
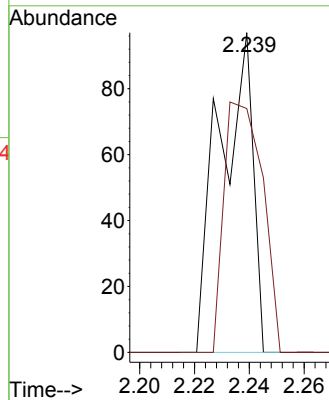
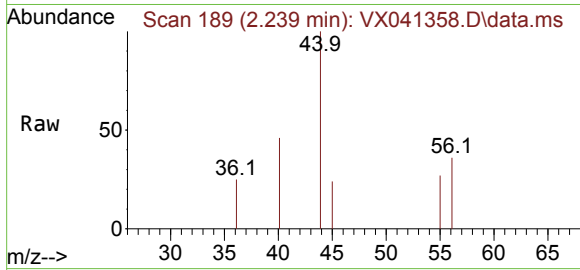
ClientSampleId :

Tgt Ion: 56 Resp: 82

Ion Ratio Lower Upper

56 100

55 90.2 57.1 85.7#



#16

Acetone

Concen: 63.584 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.007 min

Lab File: VX041358.D

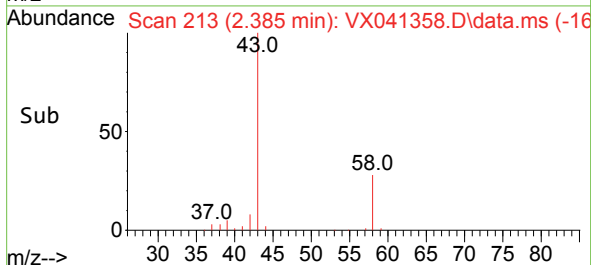
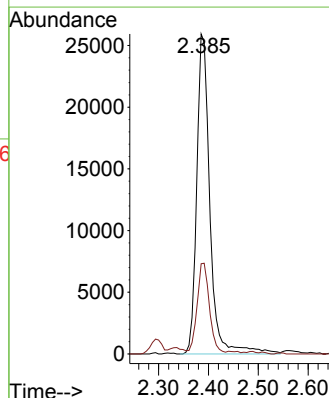
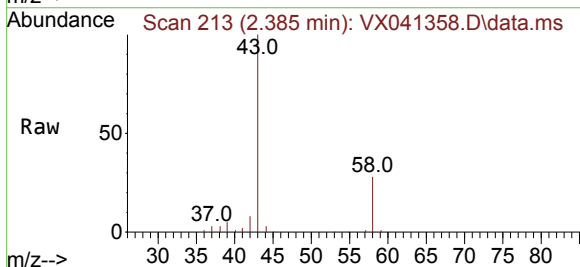
Acq: 02 May 2024 16:56

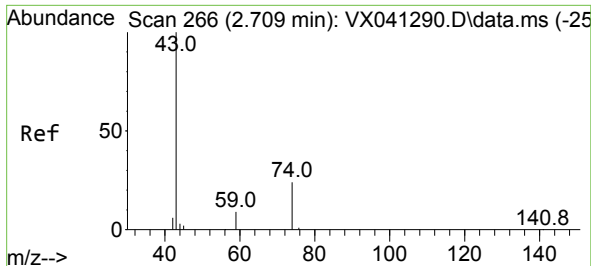
Tgt Ion: 43 Resp: 47602

Ion Ratio Lower Upper

43 100

58 27.9 21.9 32.9

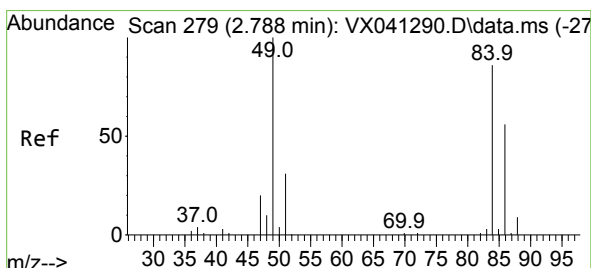
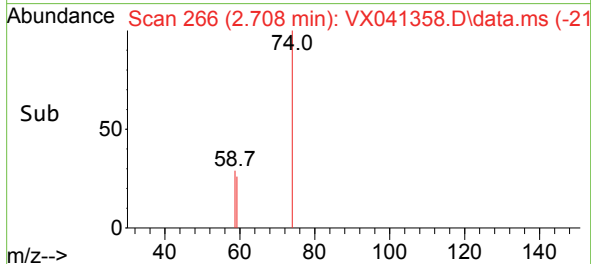
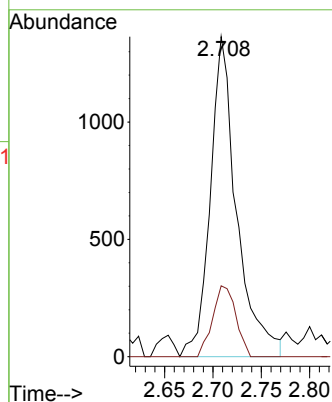
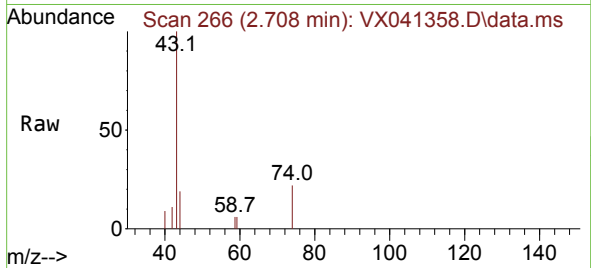




#18
Methyl Acetate
Concen: 1.557 ug/l
RT: 2.708 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

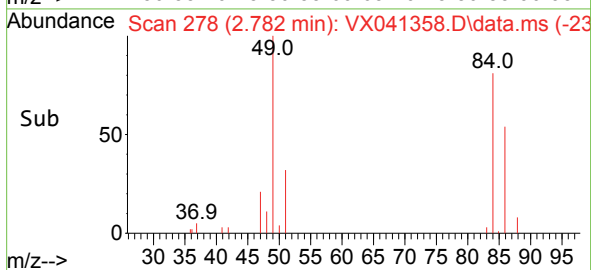
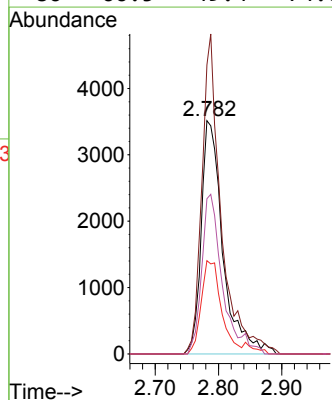
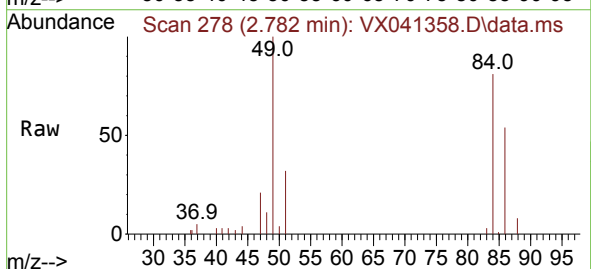
Instrument :
MSVOA_X
ClientSampleId :

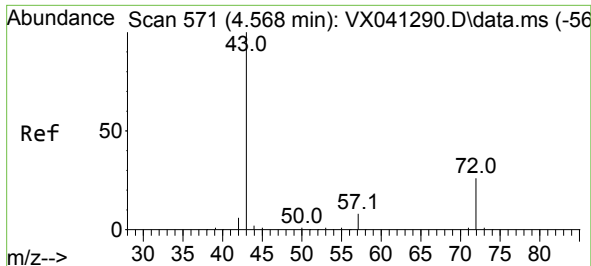
Tgt Ion: 43 Resp: 2589
Ion Ratio Lower Upper
43 100
74 19.4 17.8 26.8



#20
Methylene Chloride
Concen: 5.943 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

Tgt Ion: 84 Resp: 8386
Ion Ratio Lower Upper
84 100
49 123.8 103.6 155.4
51 39.9 33.8 50.6
86 66.5 49.4 74.0

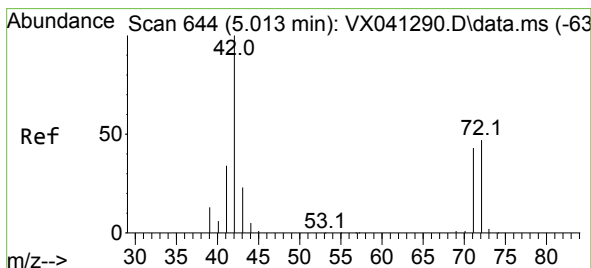
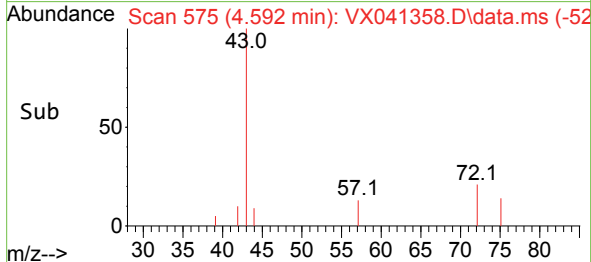
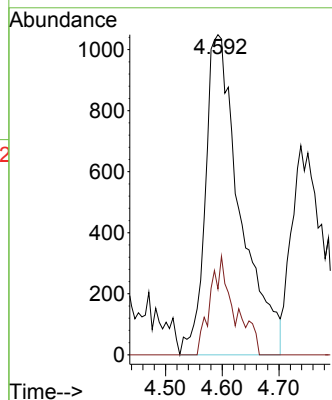
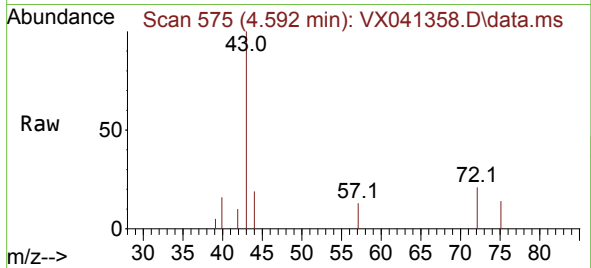




#25
2-Butanone
Concen: 4.251 ug/l
RT: 4.592 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

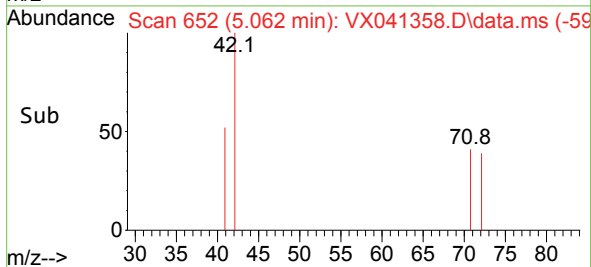
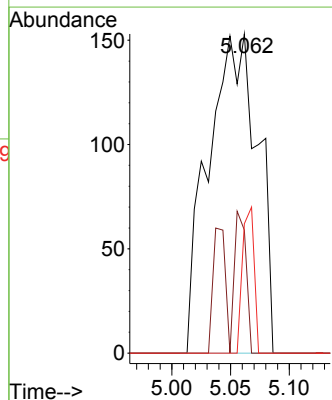
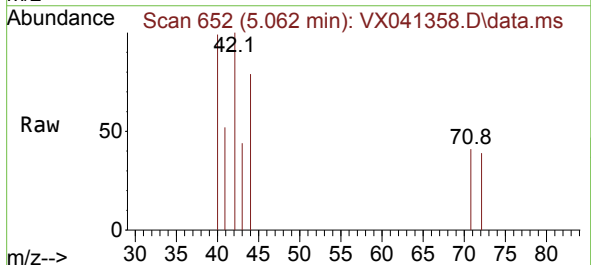
Instrument :
MSVOA_X
ClientSampleId :

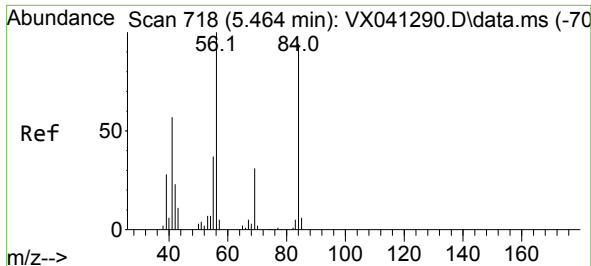
Tgt Ion: 43 Resp: 4472
Ion Ratio Lower Upper
43 100
72 20.6 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.651 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.048 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

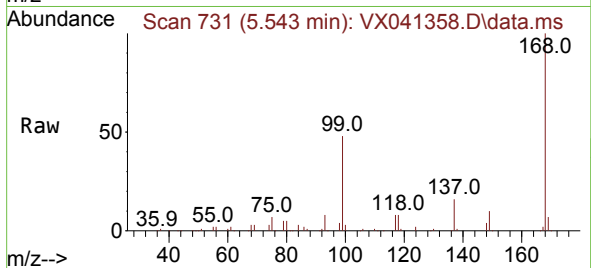
Tgt Ion: 42 Resp: 448
Ion Ratio Lower Upper
42 100
72 10.3 34.2 51.4#
71 10.7 32.2 48.2#



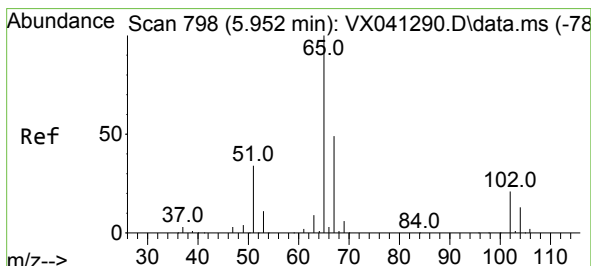
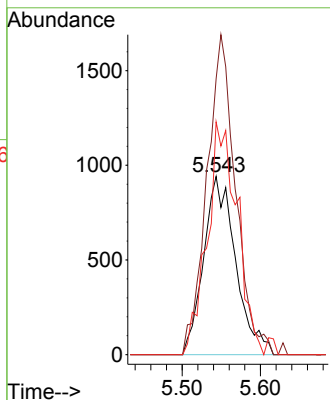
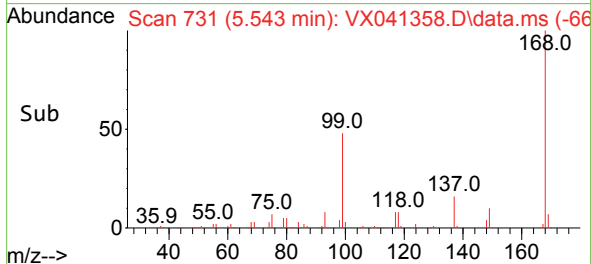


#31
Cyclohexane
Concen: 1.362 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :

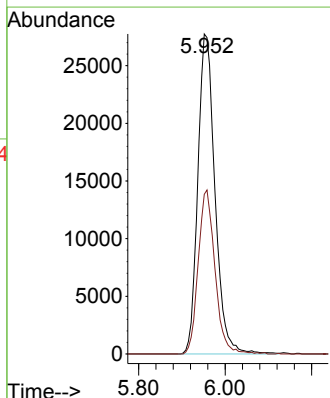
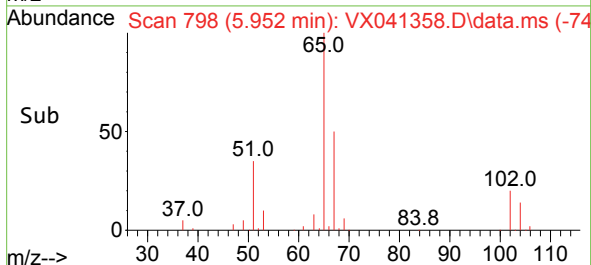
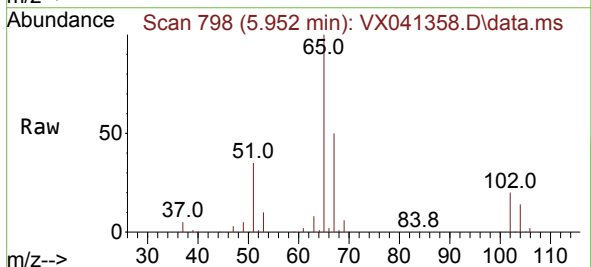


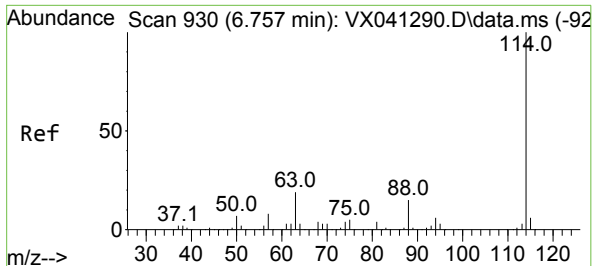
Tgt Ion: 56 Resp: 2672
Ion Ratio Lower Upper
56 100
69 154.8 23.4 35.2#
84 130.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.883 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

Tgt Ion: 65 Resp: 76209
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

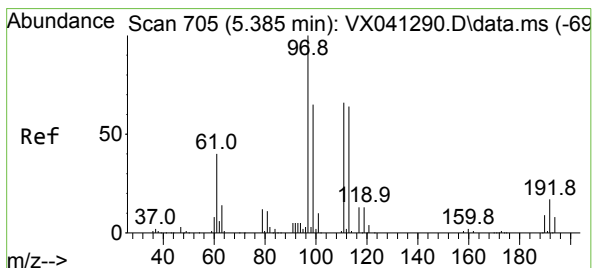
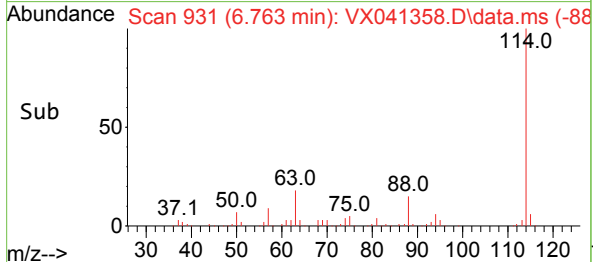
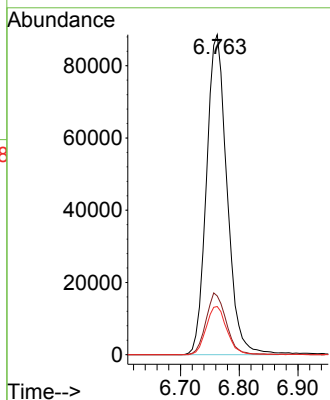
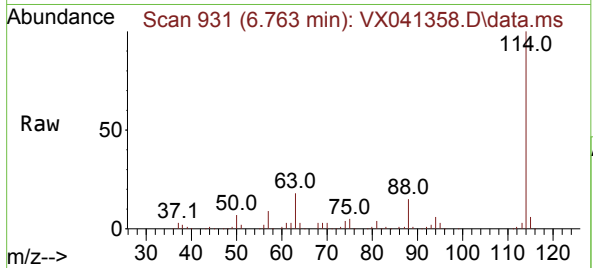




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

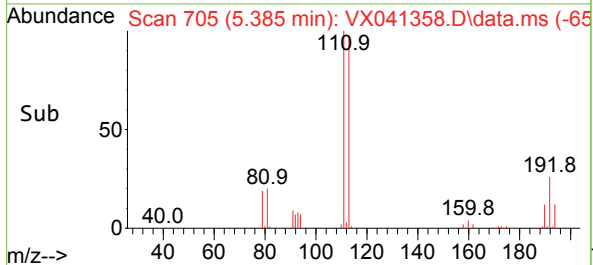
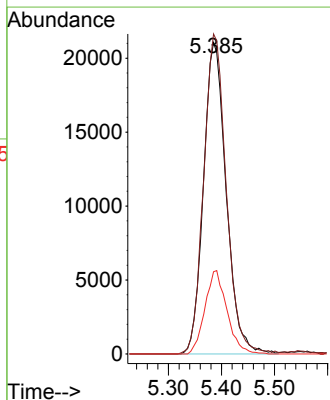
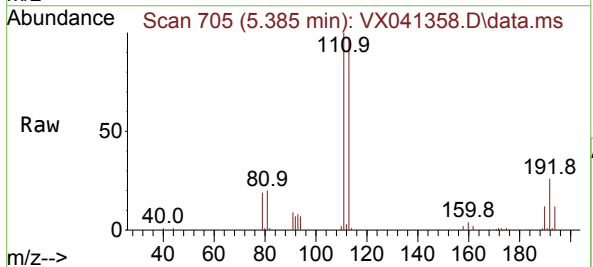
Instrument :
MSVOA_X
ClientSampleId :

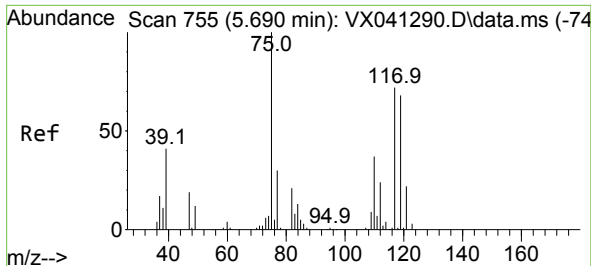
Tgt Ion:114 Resp: 215120
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.042 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

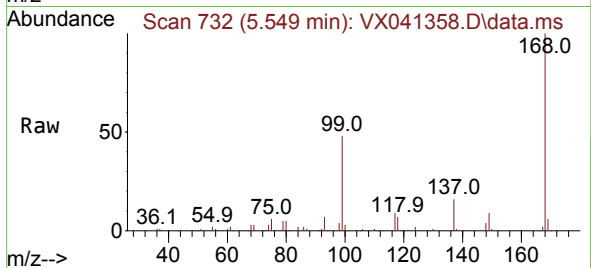
Tgt Ion:113 Resp: 62747
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 25.9 13.3 19.9#



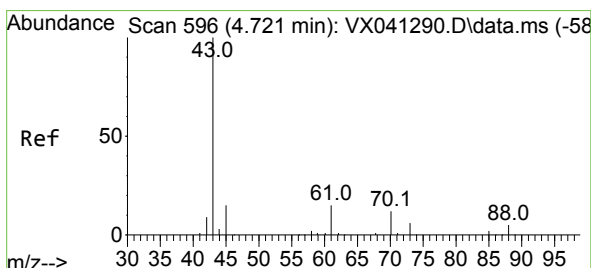
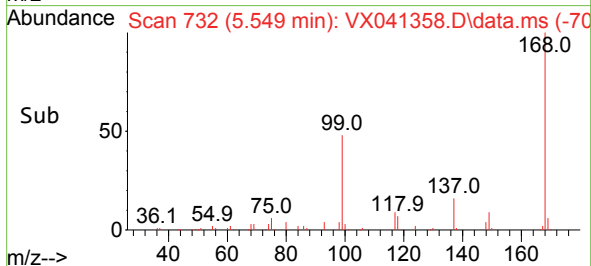
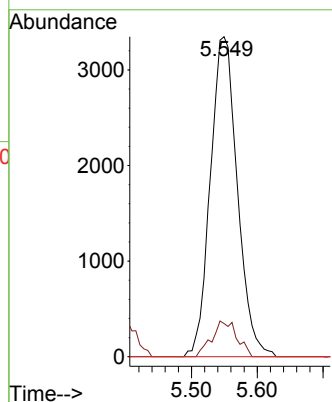


#36
1,1-Dichloropropene
Concen: 5.501 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :

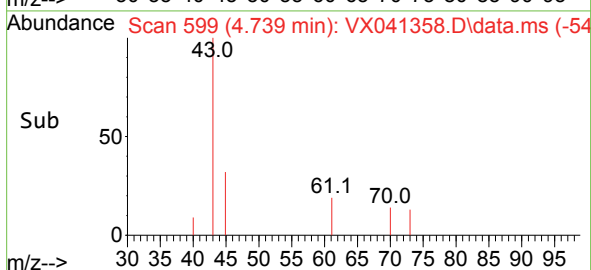
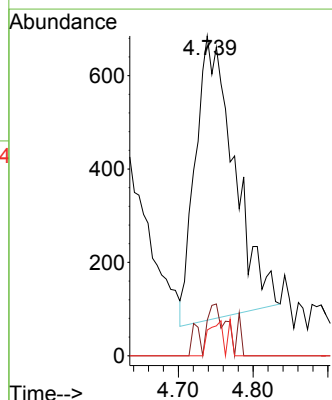
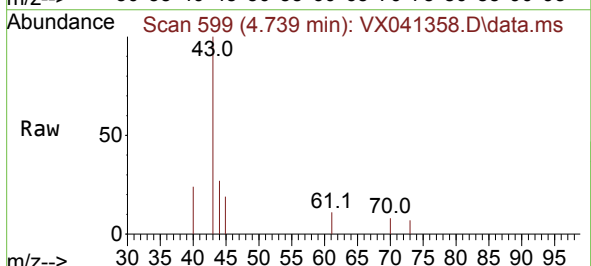


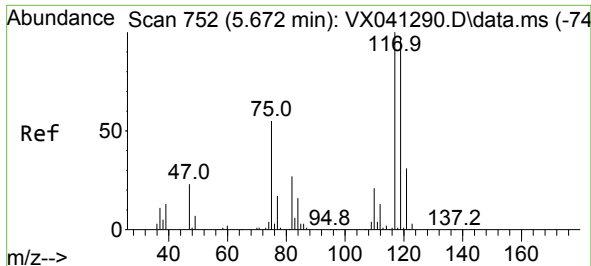
Tgt Ion: 75 Resp: 9590
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.005 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

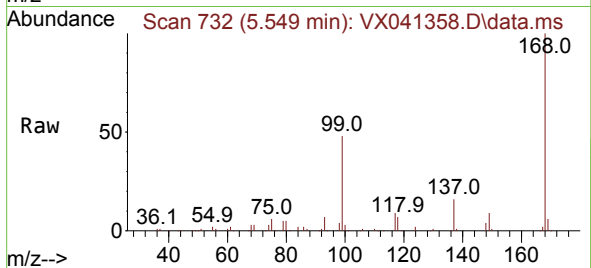
Tgt Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
61 8.4 10.6 16.0#
70 0.0 8.3 12.5#



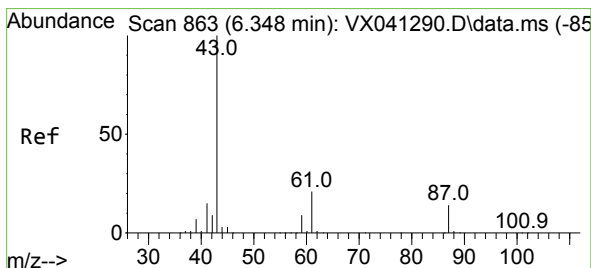
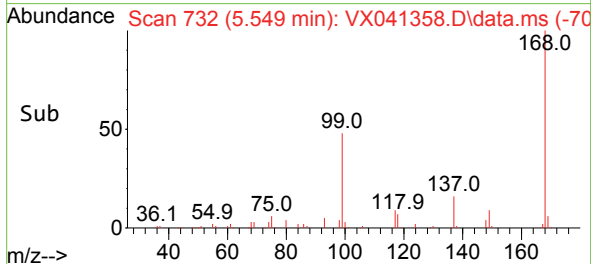
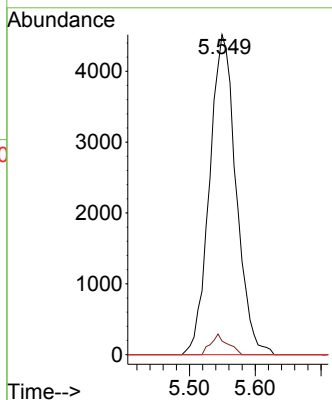


#38
Carbon Tetrachloride
Concen: 6.361 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :

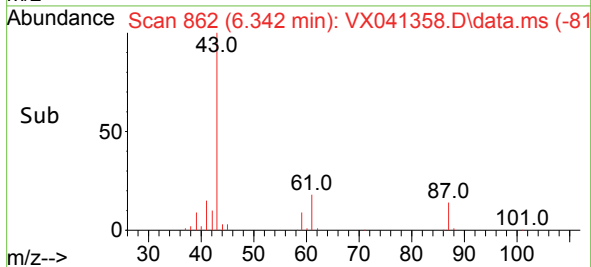
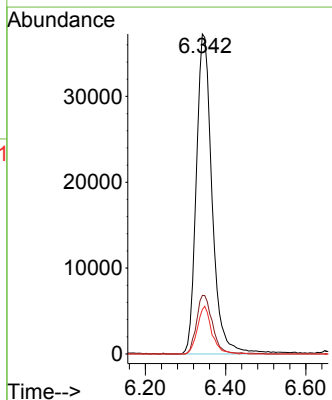
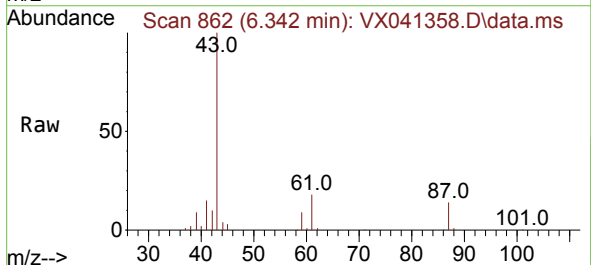


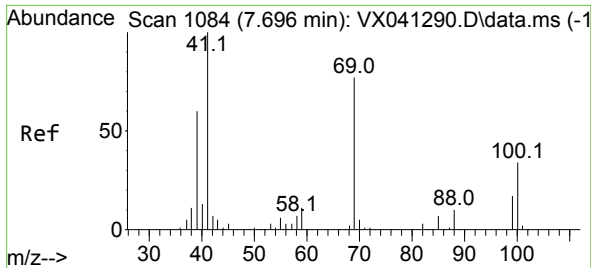
Tgt Ion:117 Resp: 12703
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 31.198 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

Tgt Ion: 43 Resp: 102026
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 13.4 9.8 14.6

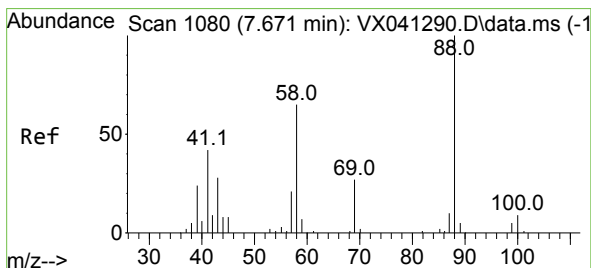
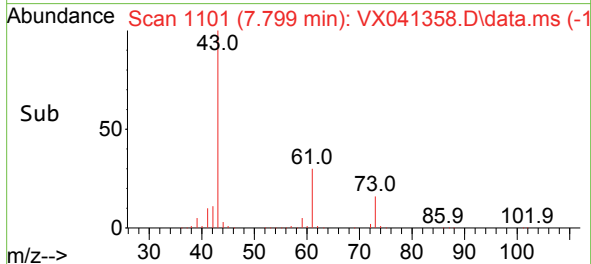
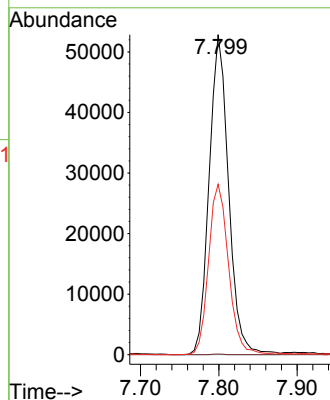
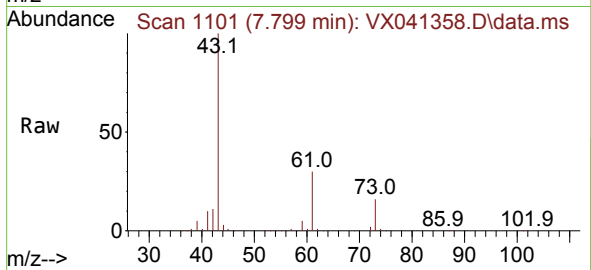




#48
Methyl methacrylate
Concen: 60.747 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

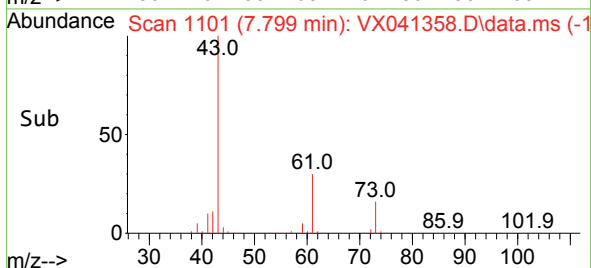
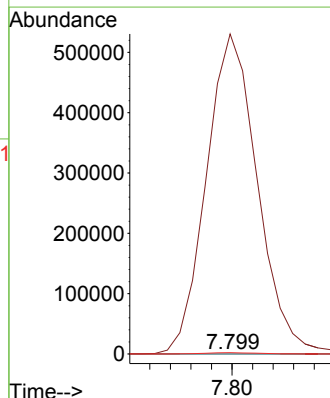
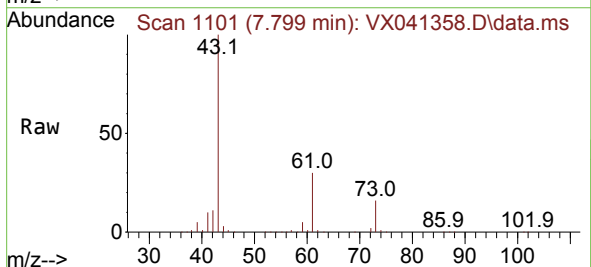
Instrument :
MSVOA_X
ClientSampleId :

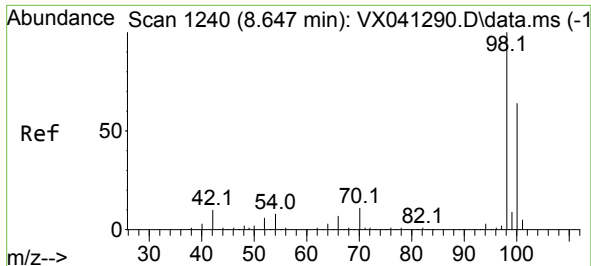
Tgt Ion: 41 Resp: 91067
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 54.6 47.7 71.5



#49
1,4-Dioxane
Concen: 5.122 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.128 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

Tgt Ion: 88 Resp: 166
Ion Ratio Lower Upper
88 100
43 560895.8 0.0 0.0#
58 2274.7 60.1 90.1#

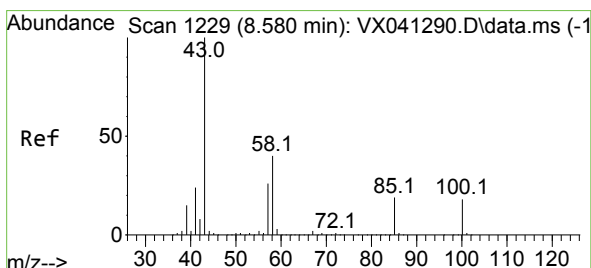
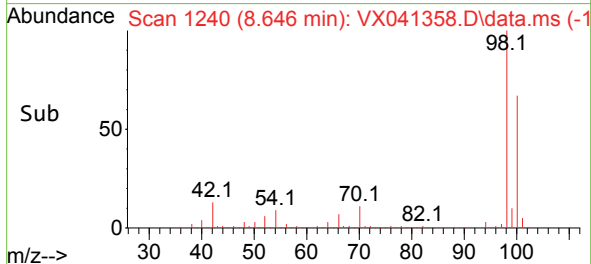
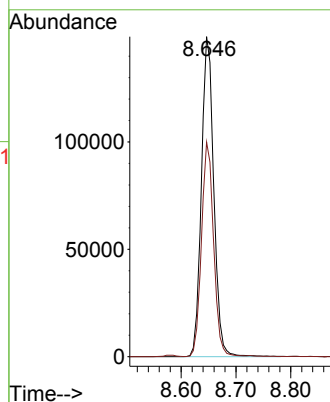
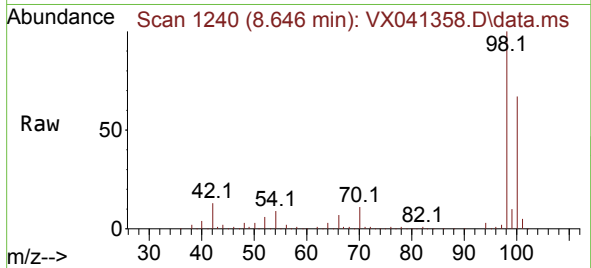




#50
Toluene-d8
Concen: 50.633 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

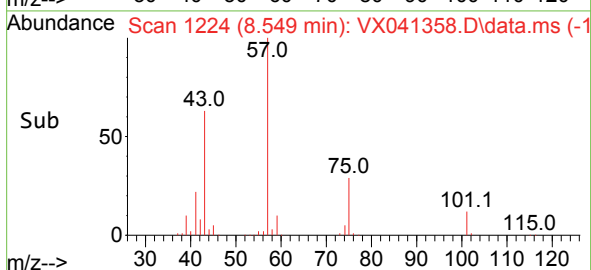
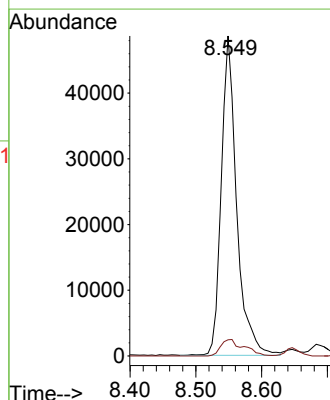
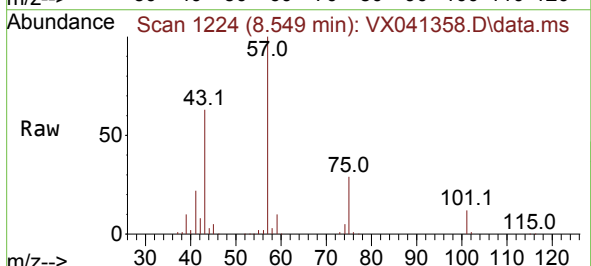
Instrument :
MSVOA_X
ClientSampleId :

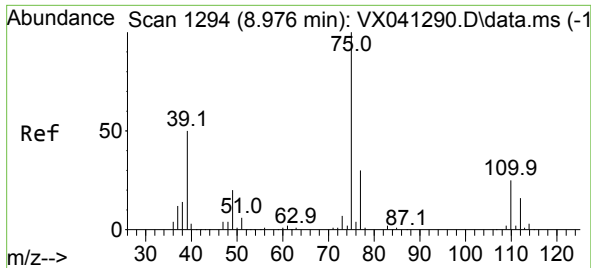
Tgt Ion: 98 Resp: 233623
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 40.296 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

Tgt Ion: 43 Resp: 79074
Ion Ratio Lower Upper
43 100
58 7.8 30.4 45.6#

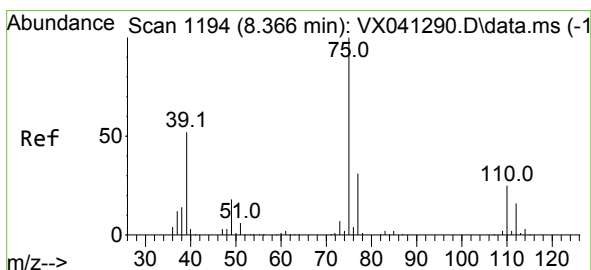
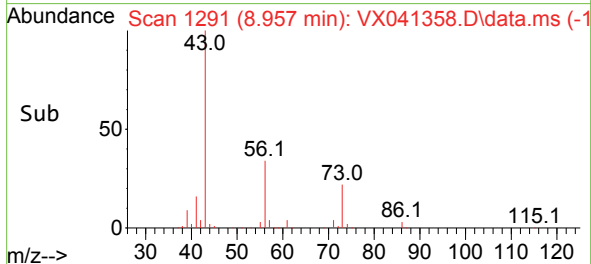
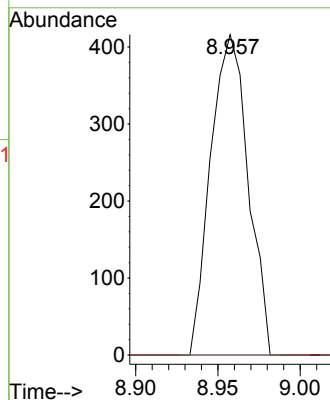
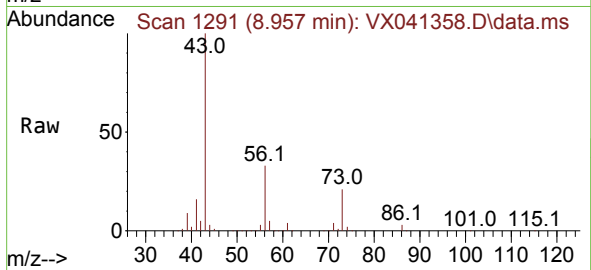




#53
 t-1,3-Dichloropropene
 Concen: 0.392 ug/l
 RT: 8.957 min Scan# 11
 Delta R.T. -0.019 min
 Lab File: VX041358.D
 Acq: 02 May 2024 16:56

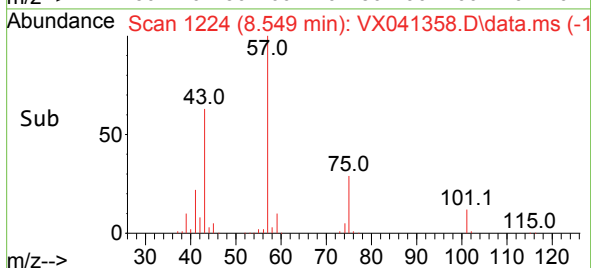
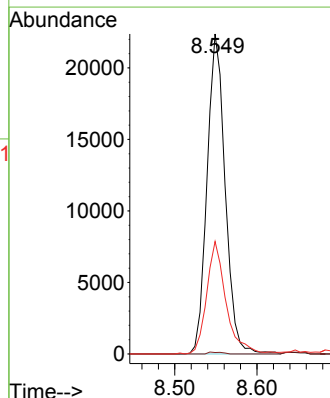
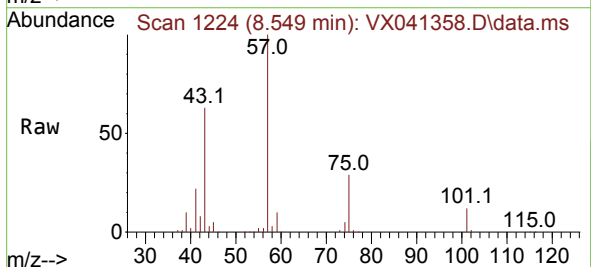
Instrument :
 MSVOA_X
 ClientSampleId :

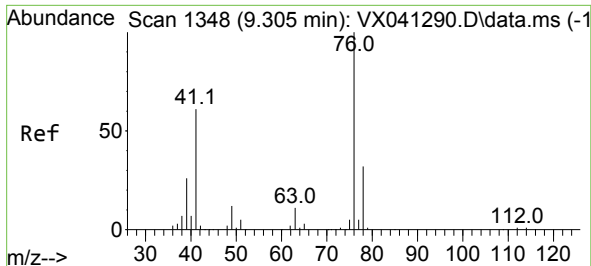
Tgt Ion: 75 Resp: 661
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 18.269 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX041358.D
 Acq: 02 May 2024 16:56

Tgt Ion: 75 Resp: 34209
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 34.8 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 2.123 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX041358.D

Acq: 02 May 2024 16:56

Instrument :

MSVOA_X

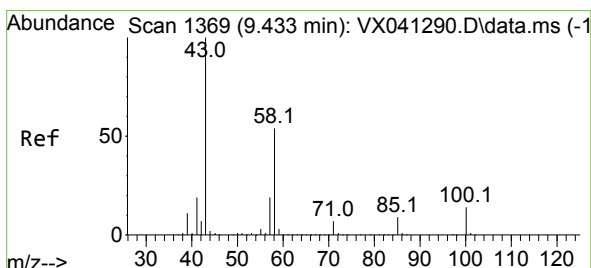
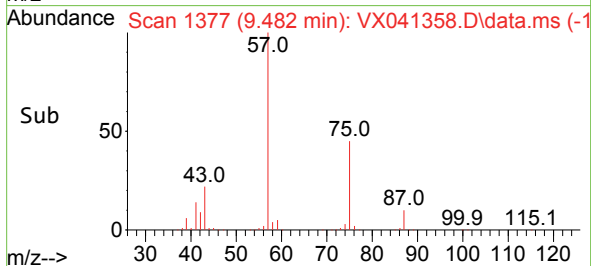
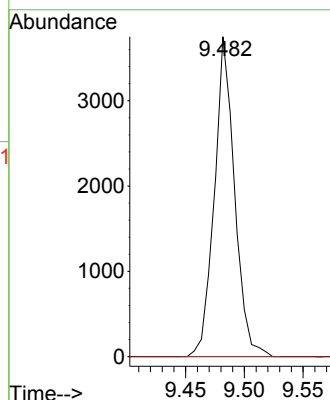
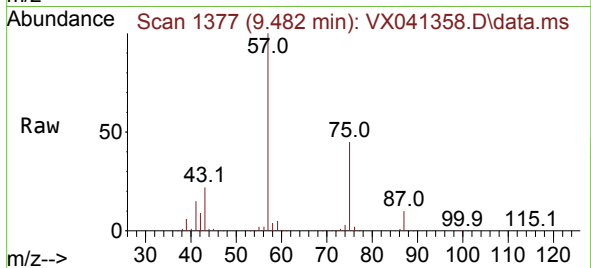
ClientSampleId :

Tgt Ion: 76 Resp: 4485

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 41.008 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX041358.D

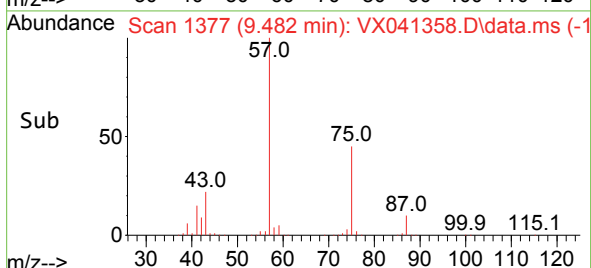
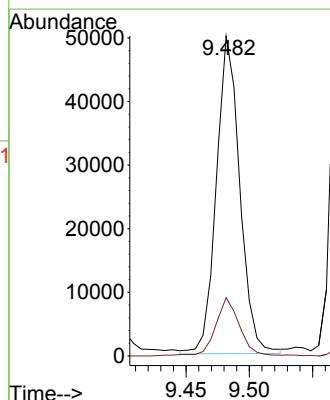
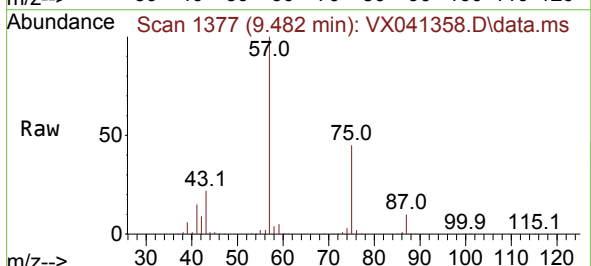
Acq: 02 May 2024 16:56

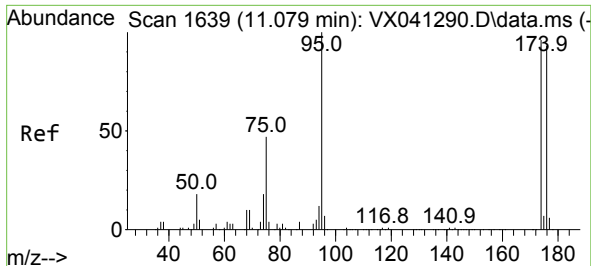
Tgt Ion: 43 Resp: 64347

Ion Ratio Lower Upper

43 100

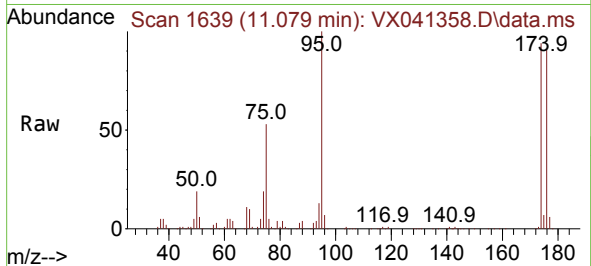
58 19.0 26.2 78.5#



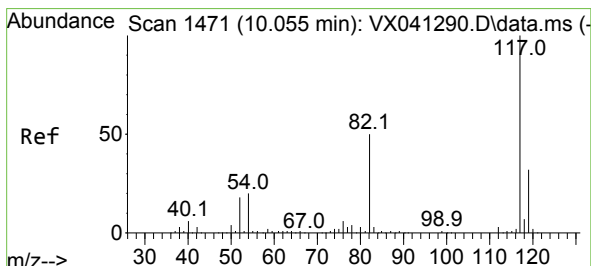
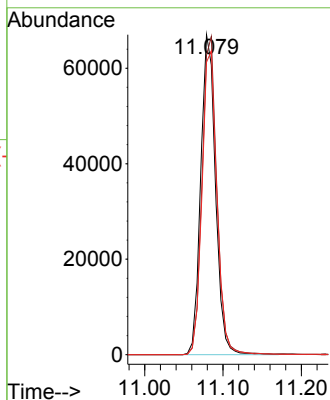
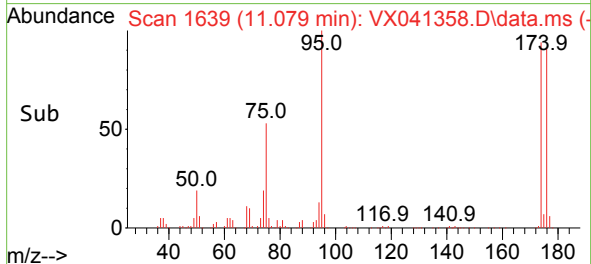


#62
4-Bromofluorobenzene
Concen: 49.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

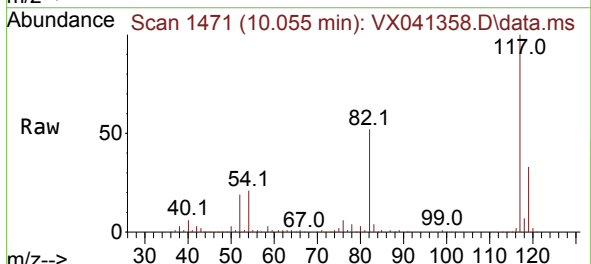
Instrument :
MSVOA_X
ClientSampleId :



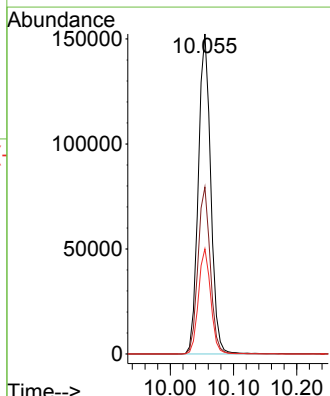
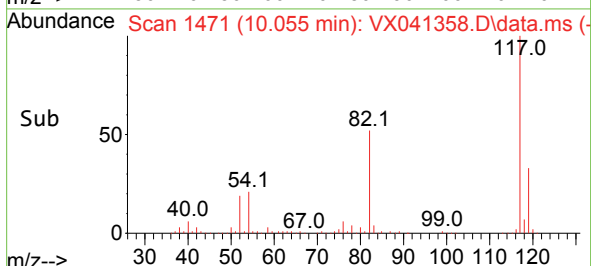
Tgt Ion: 95 Resp: 87806
Ion Ratio Lower Upper
95 100
174 99.5 0.0 135.6
176 96.2 0.0 131.0

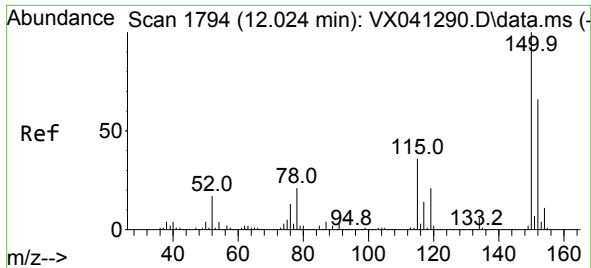


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56



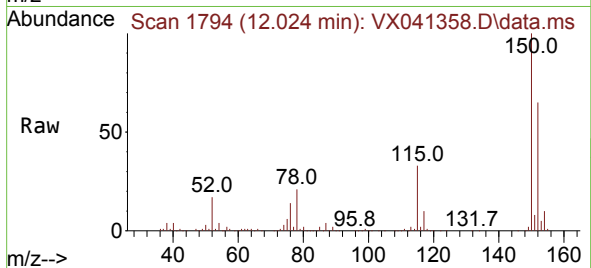
Tgt Ion: 117 Resp: 208632
Ion Ratio Lower Upper
117 100
82 52.1 46.2 69.4
119 32.9 25.5 38.3



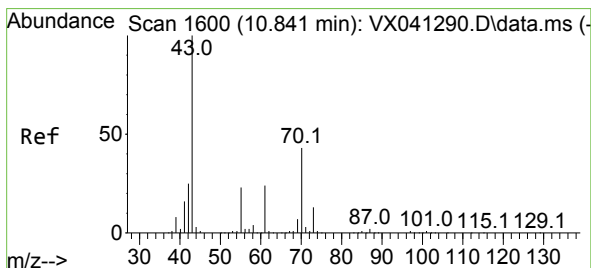
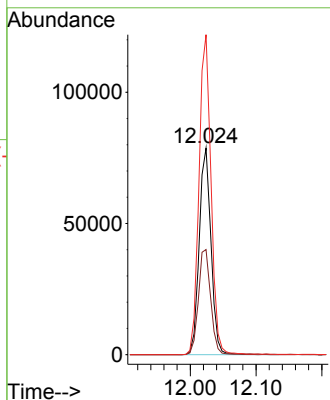
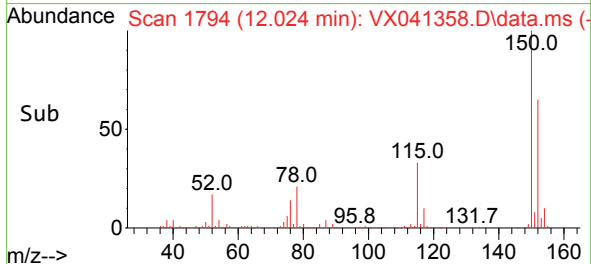


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56

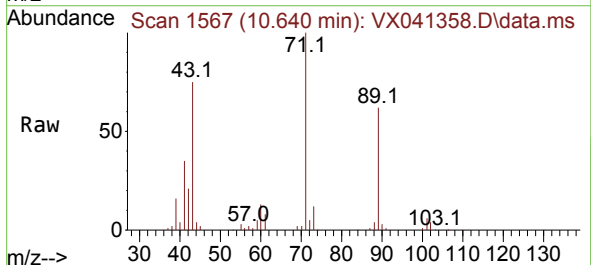
Instrument :
MSVOA_X
ClientSampleId :



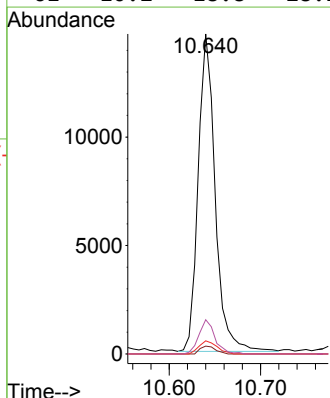
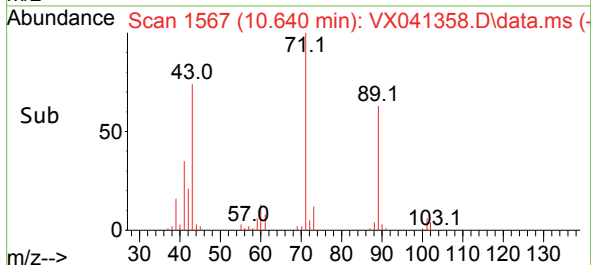
Tgt Ion:152 Resp: 98315
Ion Ratio Lower Upper
152 100
115 52.9 43.3 129.9
150 157.7 0.0 345.0

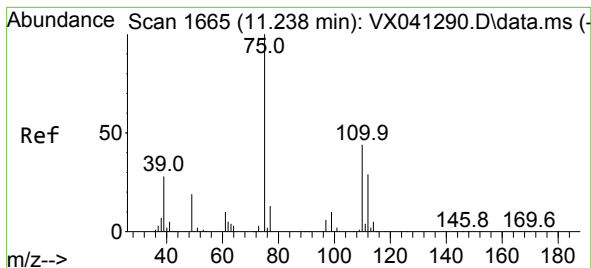


#74
N-ethyl acetate
Concen: 7.214 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX041358.D
Acq: 02 May 2024 16:56



Tgt Ion: 43 Resp: 18914
Ion Ratio Lower Upper
43 100
70 2.3 32.9 49.3#
55 4.3 19.3 28.9#
61 10.2 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 28.263 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041358.D

Acq: 02 May 2024 16:56

Instrument :

MSVOA_X

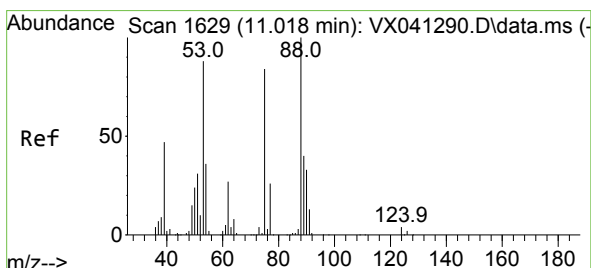
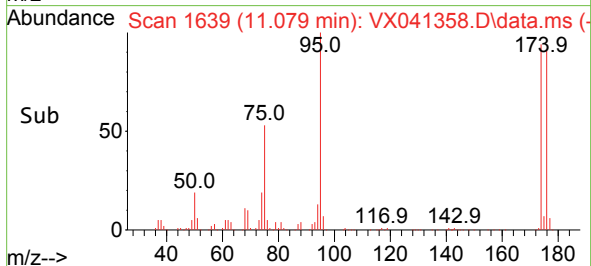
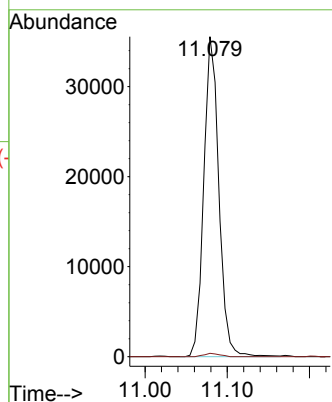
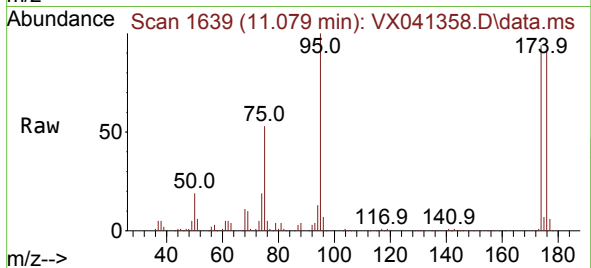
ClientSampleId :

Tgt Ion: 75 Resp: 45283

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.984 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041358.D

Acq: 02 May 2024 16:56

Tgt Ion: 75 Resp: 45283

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

