

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042904.D
 Acq On : 07 Aug 2024 08:54
 Operator : JC/MD
 Sample : VX0807MBL02
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807MBL02

Quant Time: Aug 08 01:58:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

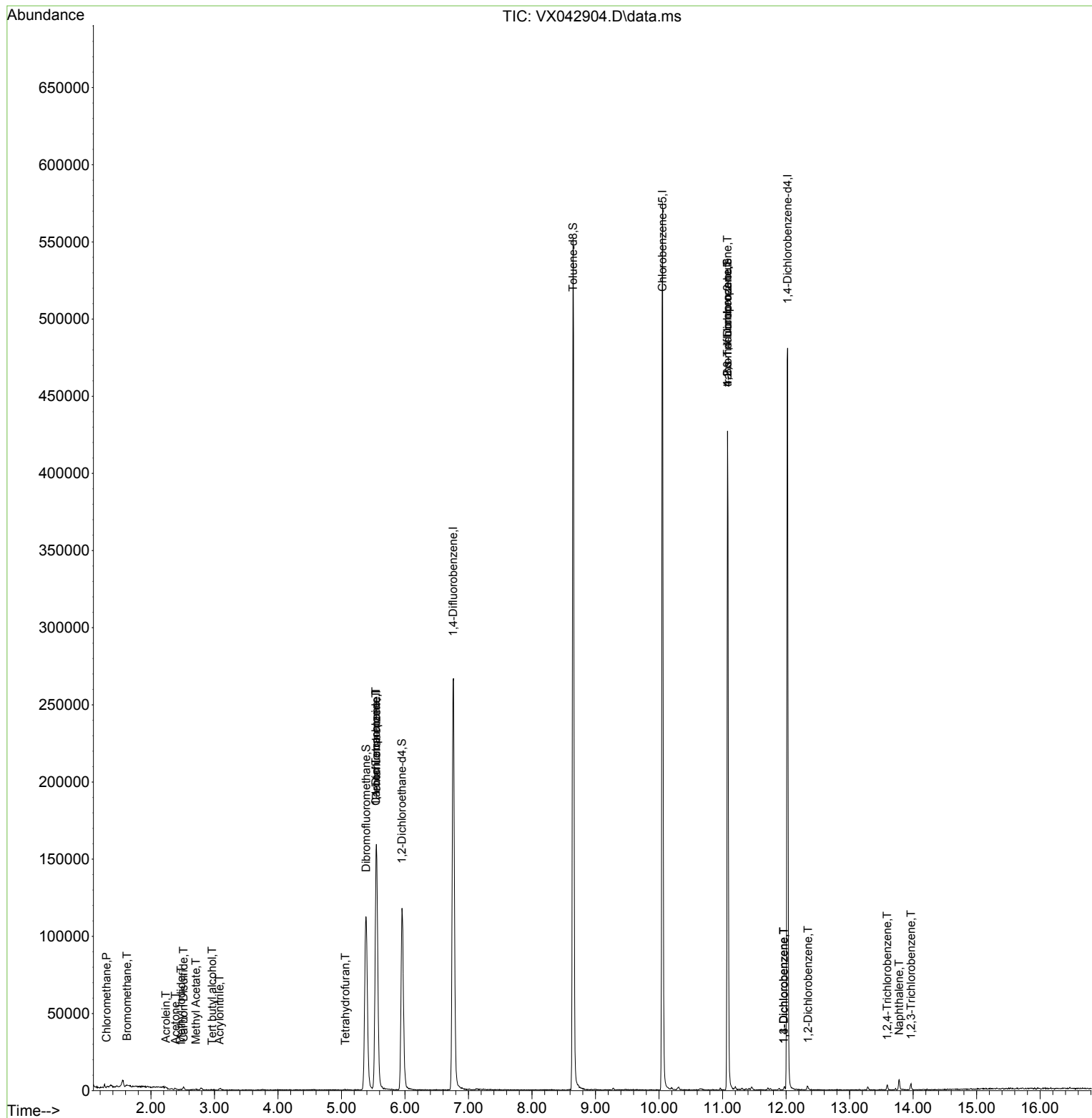
Internal Standards						
1) Pentafluorobenzene	5.549	168	152508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	282713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118397	56.551	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.100%			
35) Dibromofluoromethane	5.385	113	103487	55.984	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.960%			
50) Toluene-d8	8.646	98	337414	51.417	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.840%			
62) 4-Bromofluorobenzene	11.079	95	118732	50.350	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.700%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	372	0.208	ug/l #	83
5) Bromomethane	1.623	94	702	0.683	ug/l #	76
10) Methyl Iodide	2.477	142	393	0.229	ug/l #	34
11) Tert butyl alcohol	2.965	59	86	0.207	ug/l #	78
13) Acrolein	2.233	56	452	1.101	ug/l #	50
15) Acrylonitrile	3.080	53	391	0.368	ug/l #	42
16) Acetone	2.385	43	998	1.099	ug/l #	77
17) Carbon Disulfide	2.513	76	2211	0.541	ug/l	100
18) Methyl Acetate	2.708	43	675	0.234	ug/l #	53
20) Methylene Chloride	2.794	84	703	Below Cal	#	53
29) Tetrahydrofuran	5.062	42	260	0.270	ug/l #	44
36) 1,1-Dichloropropene	5.543	75	11974	4.778	ug/l #	51
38) Carbon Tetrachloride	5.543	117	16173	5.717	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	59798	25.328	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59798	82.355	ug/l #	5
87) 1,3-Dichlorobenzene	11.963	146	974	0.279	ug/l	91
88) 1,4-Dichlorobenzene	11.963	146	974	0.272	ug/l	92
91) 1,2-Dichlorobenzene	12.347	146	724	0.207	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	1049	0.492	ug/l	94
95) Naphthalene	13.780	128	5532	0.749	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	1453	0.676	ug/l	87

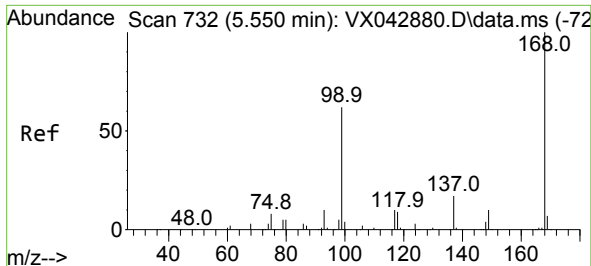
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
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Instrument :
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QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration

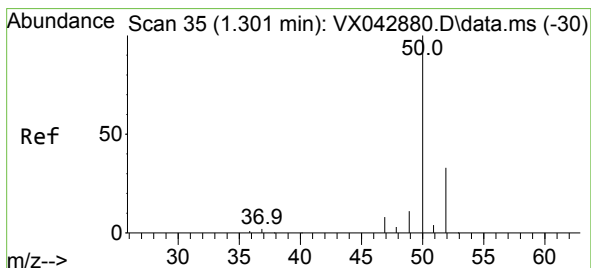
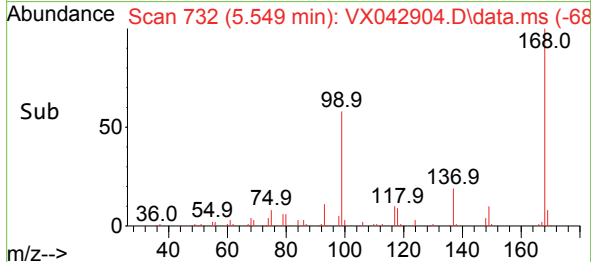
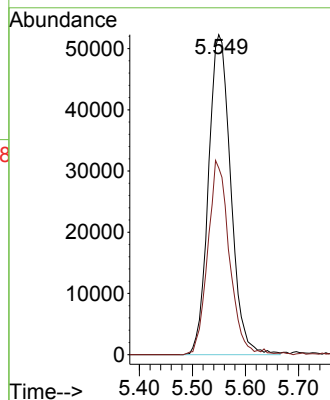
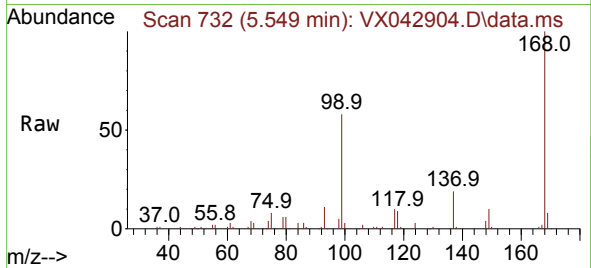




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

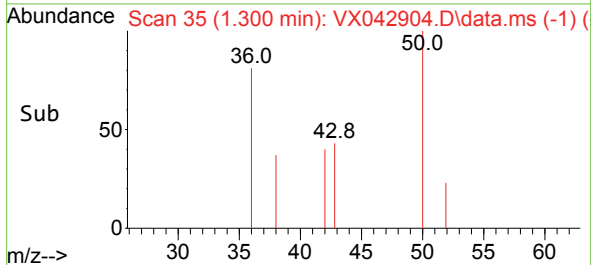
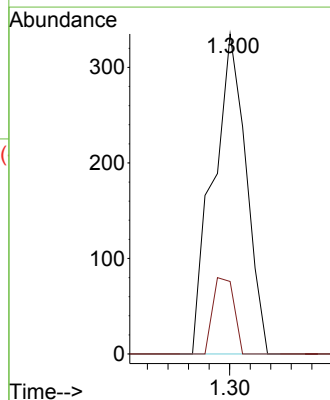
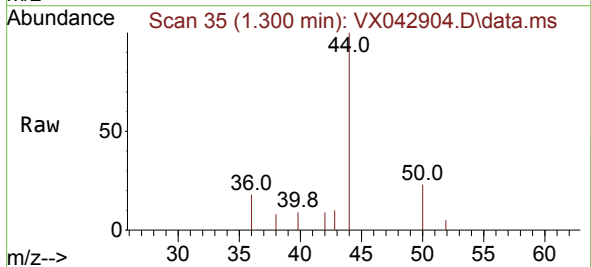
Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL02

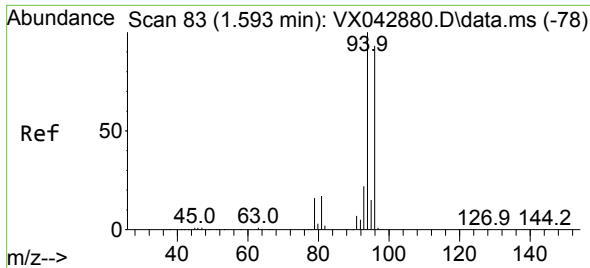
Tgt Ion:168 Resp: 152508
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 22.7 25.5 38.3#

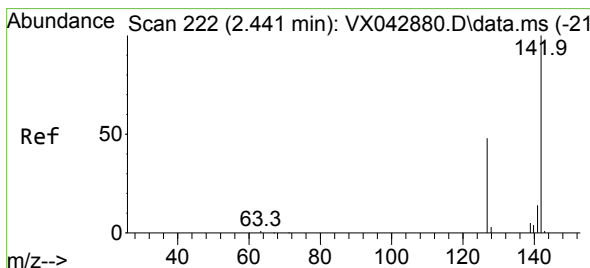
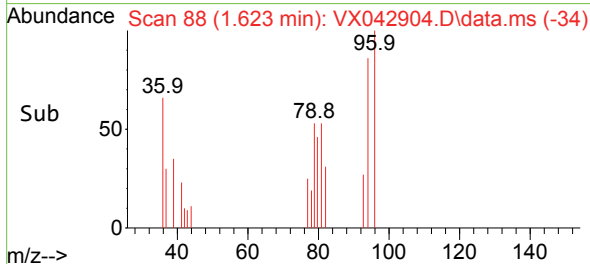
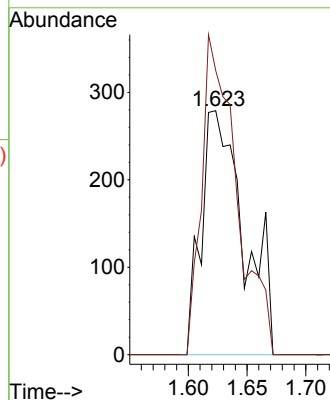
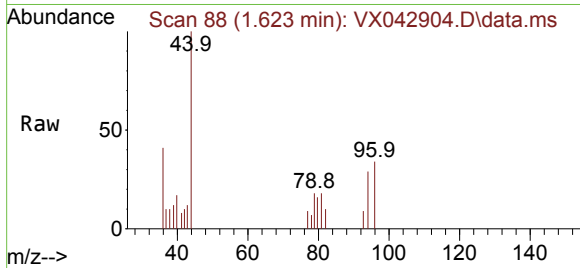




#5
Bromomethane
Concen: 0.683 ug/l
RT: 1.623 min Scan# 81
Delta R.T. 0.030 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

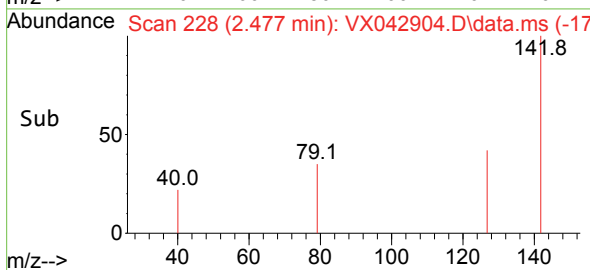
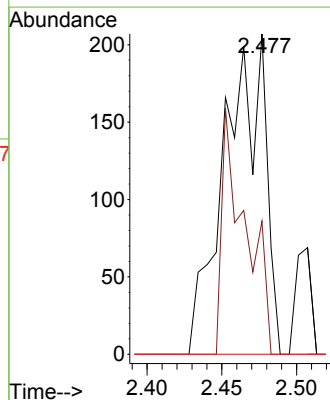
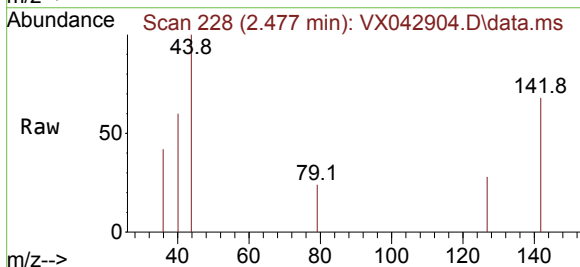
Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL02

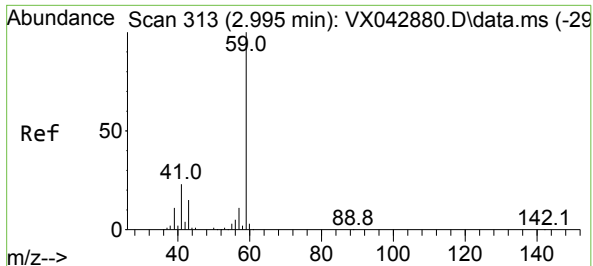
Tgt Ion: 94 Resp: 702
Ion Ratio Lower Upper
94 100
96 116.5 74.6 111.8#



#10
Methyl Iodide
Concen: 0.229 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.036 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

Tgt Ion:142 Resp: 393
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 0.207 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.031 min

Lab File: VX042904.D

Acq: 07 Aug 2024 08:54

Instrument :

MSVOA_X

ClientSampleId :

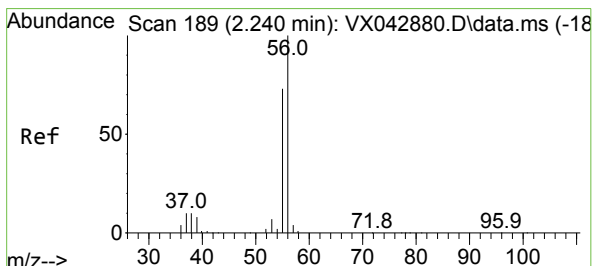
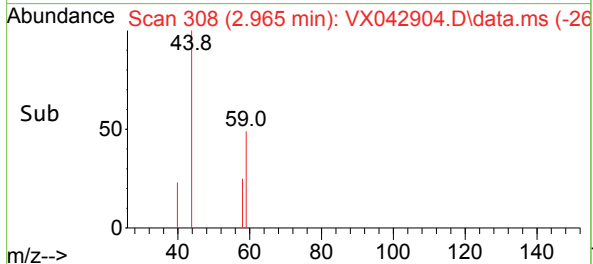
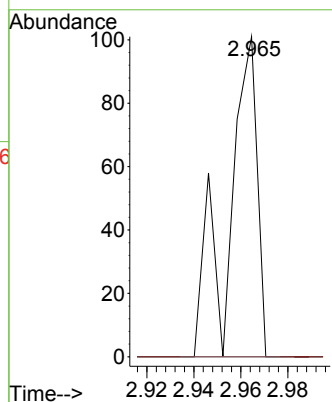
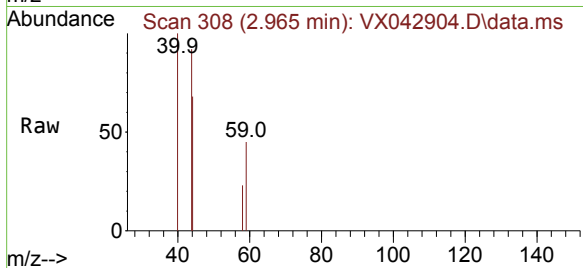
VX0807MBL02

Tgt Ion: 59 Resp: 86

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 1.101 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.007 min

Lab File: VX042904.D

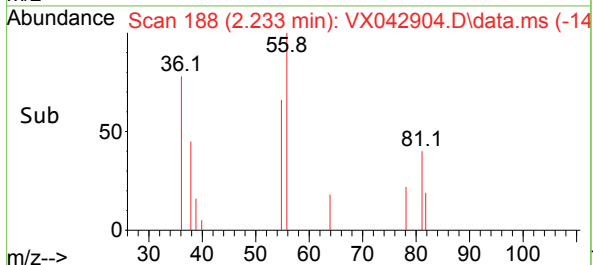
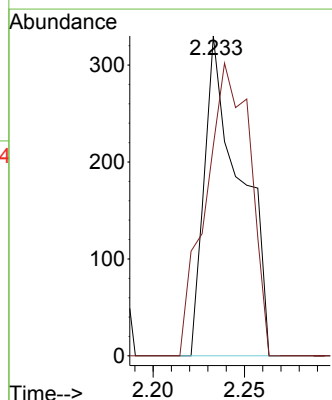
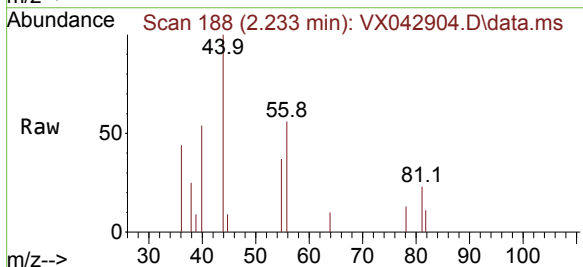
Acq: 07 Aug 2024 08:54

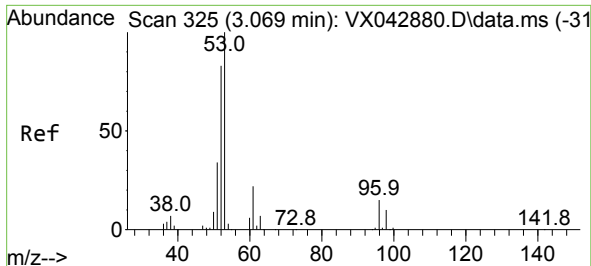
Tgt Ion: 56 Resp: 452

Ion Ratio Lower Upper

56 100

55 113.1 57.1 85.7#





#15

Acrylonitrile

Concen: 0.368 ug/l

RT: 3.080 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX042904.D

Acq: 07 Aug 2024 08:54

Instrument :

MSVOA_X

ClientSampleId :

VX0807MBL02

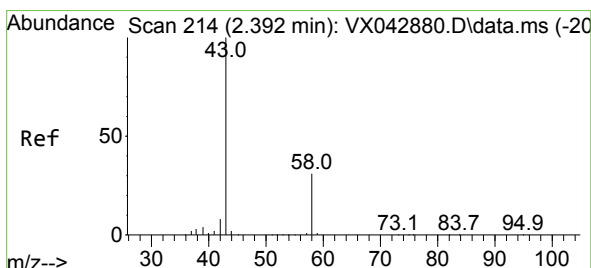
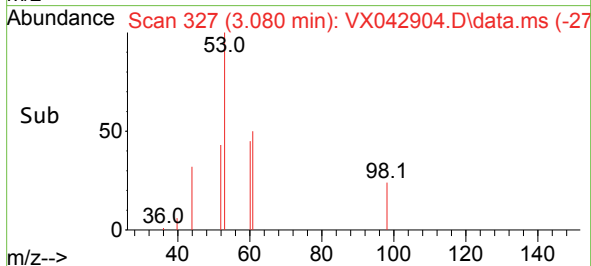
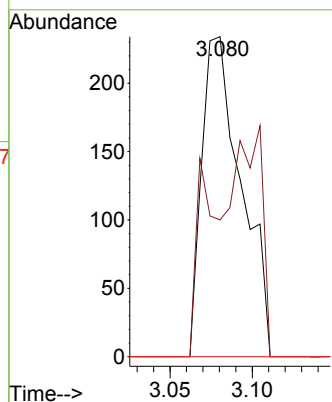
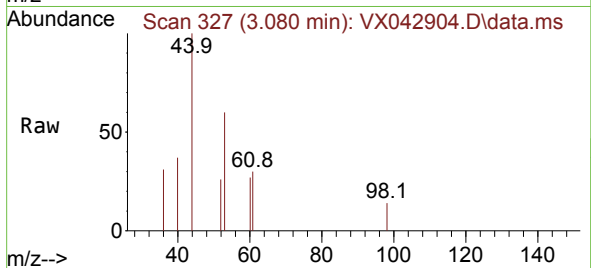
Tgt Ion: 53 Resp: 391

Ion Ratio Lower Upper

53 100

52 32.5 66.0 99.0#

51 0.0 29.8 44.6#



#16

Acetone

Concen: 1.099 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.007 min

Lab File: VX042904.D

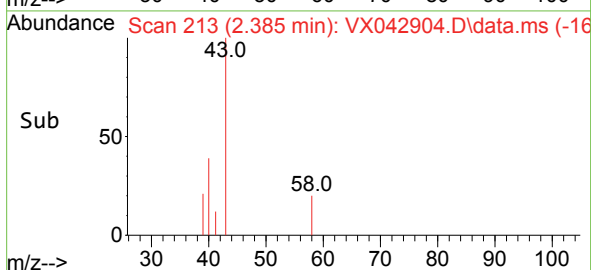
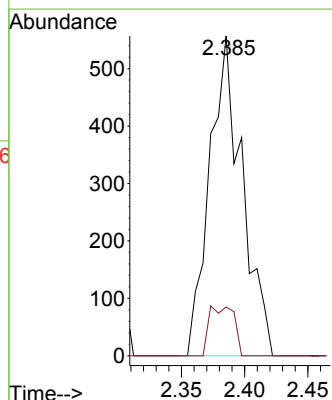
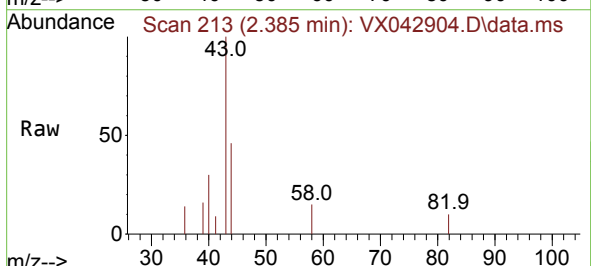
Acq: 07 Aug 2024 08:54

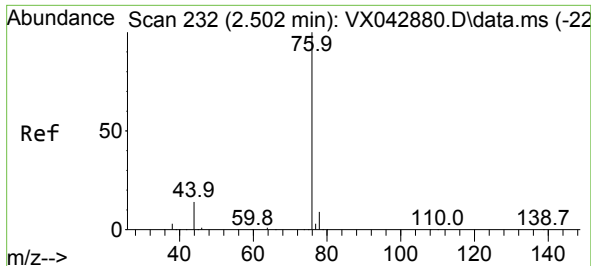
Tgt Ion: 43 Resp: 998

Ion Ratio Lower Upper

43 100

58 15.3 21.9 32.9#

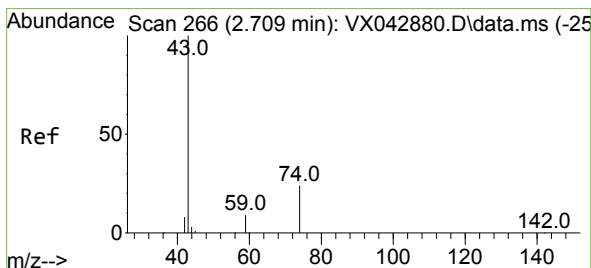
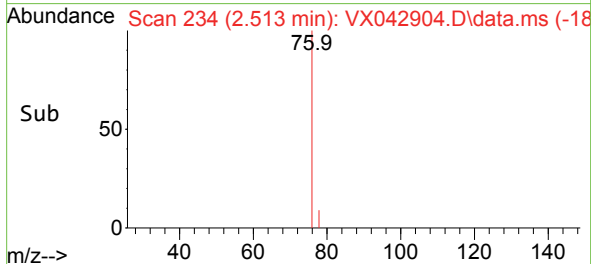
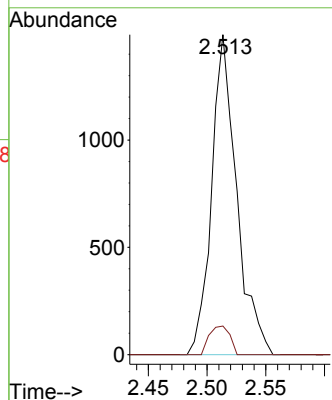
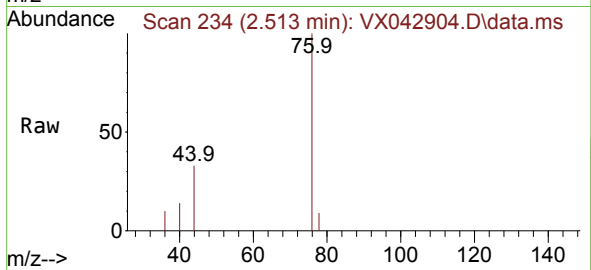




#17
Carbon Disulfide
Concen: 0.541 ug/l
RT: 2.513 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

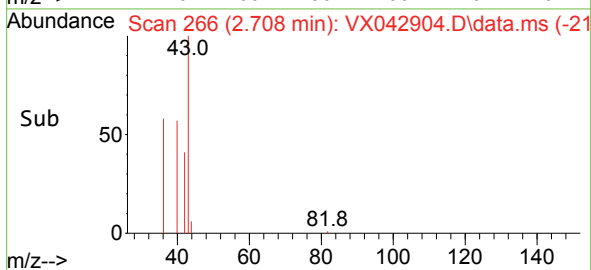
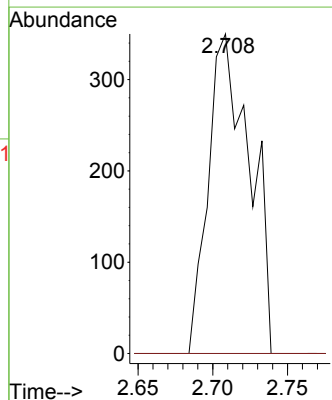
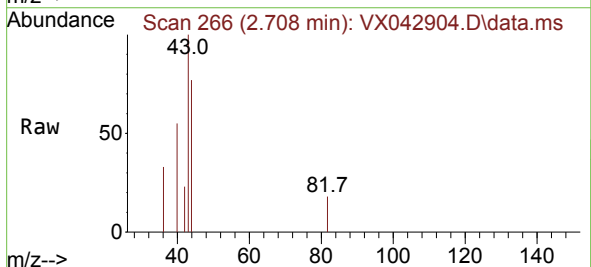
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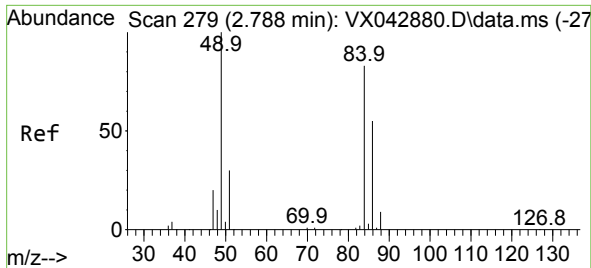
Tgt Ion: 76 Resp: 2211
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 0.234 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

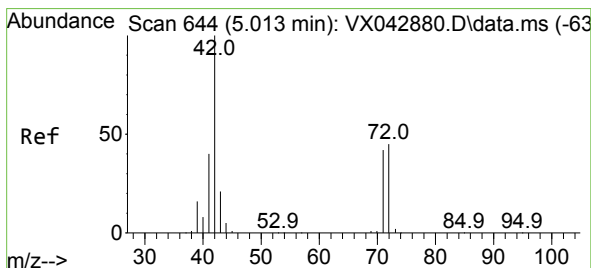
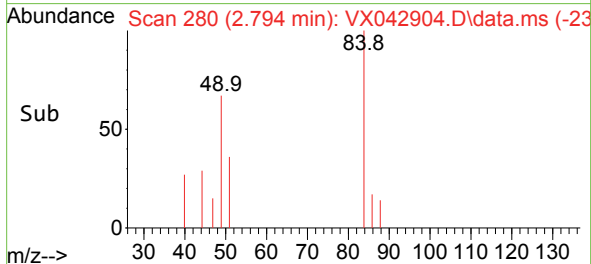
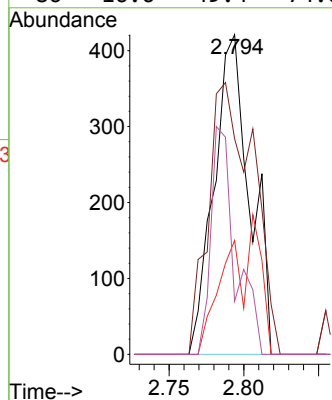
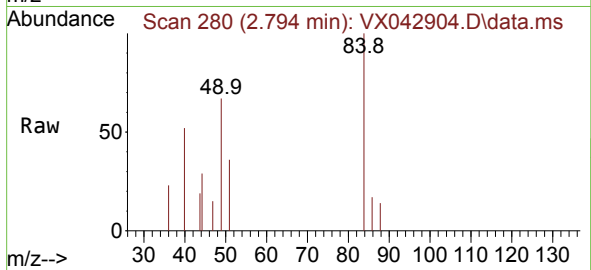




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

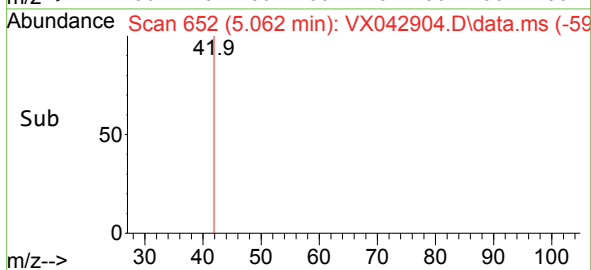
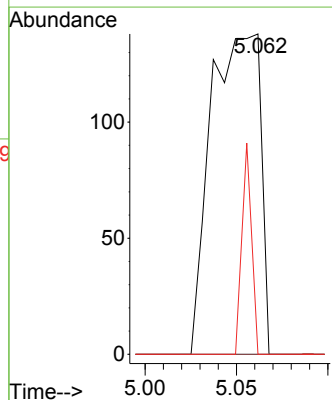
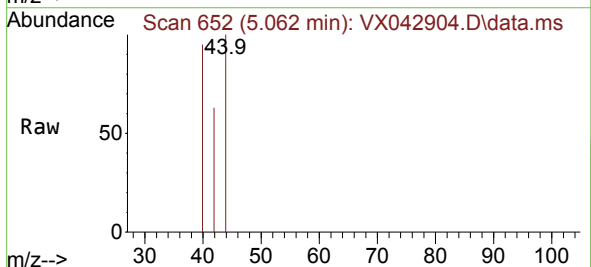
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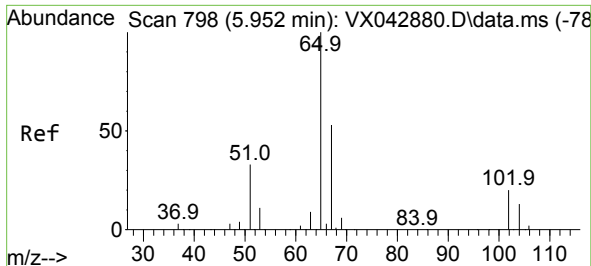
Tgt Ion: 84 Resp: 703
Ion Ratio Lower Upper
84 100
49 67.5 103.6 155.4#
51 35.6 33.8 50.6
86 16.6 49.4 74.0#



#29
Tetrahydrofuran
Concen: 0.270 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.048 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

Tgt Ion: 42 Resp: 260
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 12.7 32.2 48.2#





#33

1,2-Dichloroethane-d4

Concen: 56.551 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX042904.D

Acq: 07 Aug 2024 08:54

Instrument :

MSVOA_X

ClientSampleId :

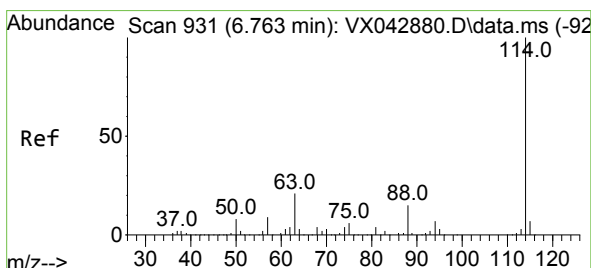
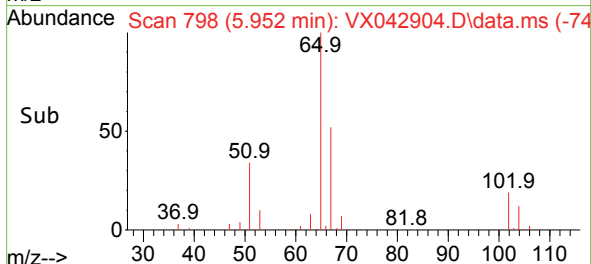
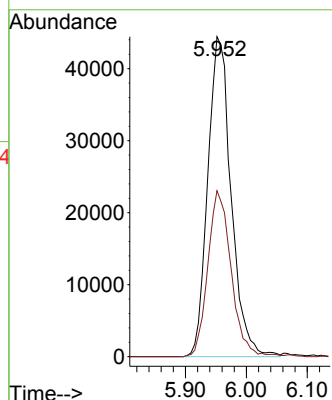
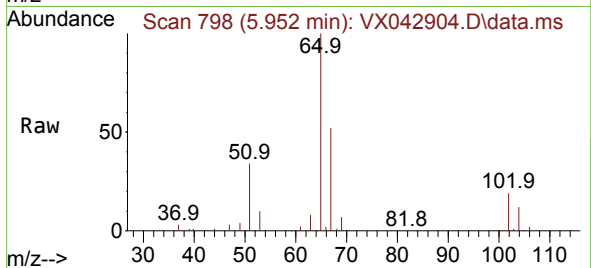
VX0807MBL02

Tgt Ion: 65 Resp: 118397

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.007 min

Lab File: VX042904.D

Acq: 07 Aug 2024 08:54

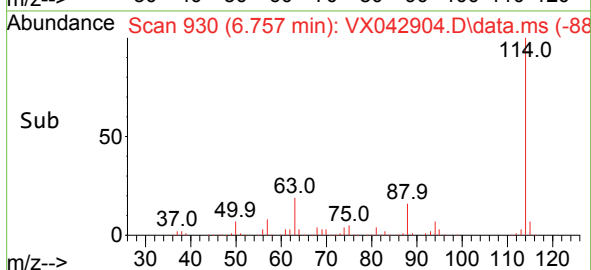
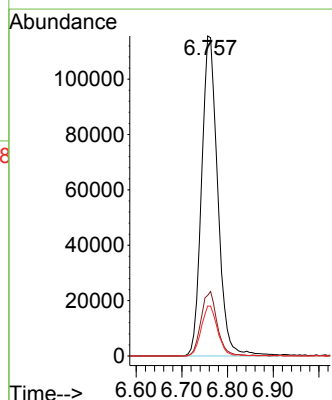
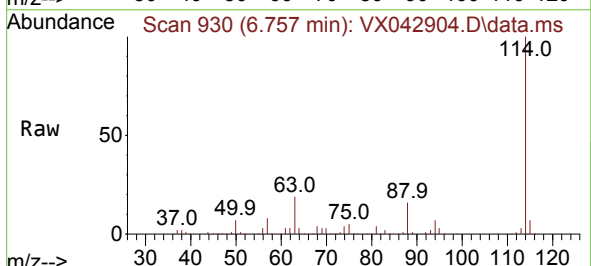
Tgt Ion: 114 Resp: 282713

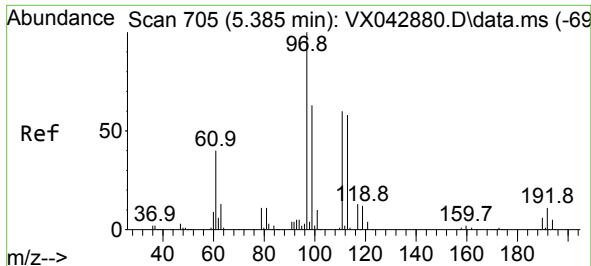
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 15.6 0.0 36.6

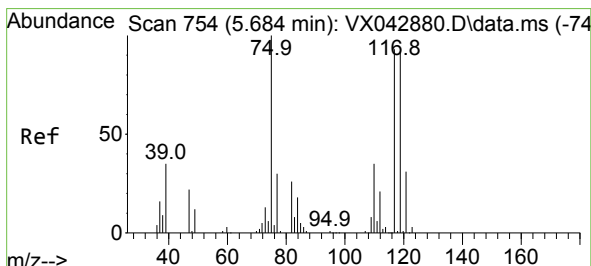
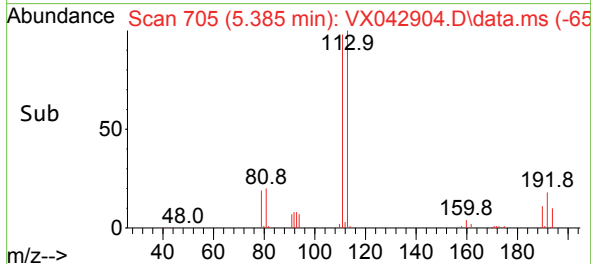
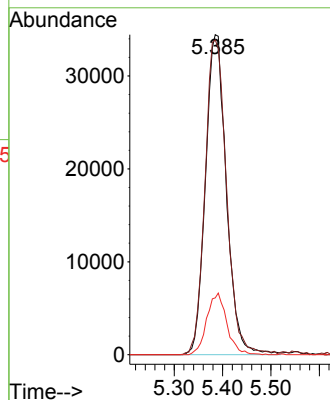
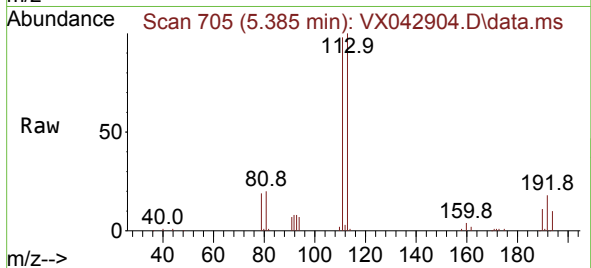




#35
Dibromofluoromethane
Concen: 55.984 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

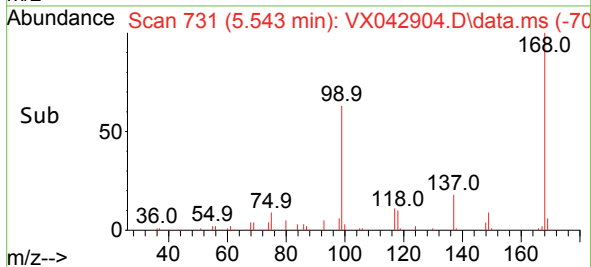
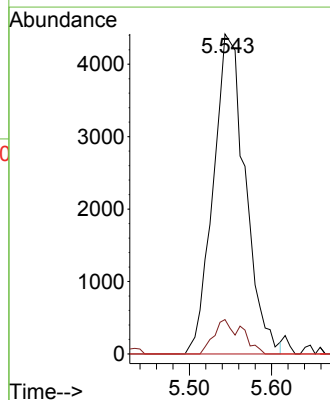
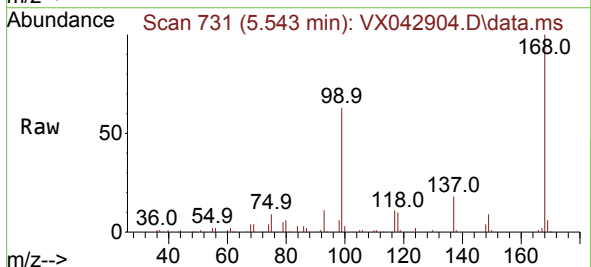
Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL02

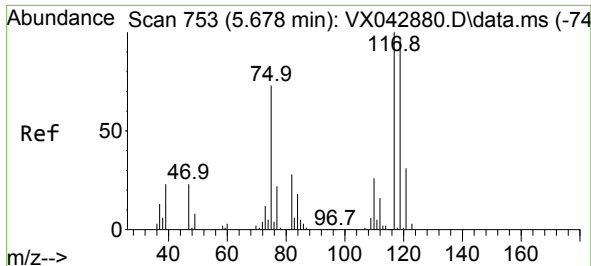
Tgt Ion:113 Resp: 103487
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.141 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

Tgt Ion: 75 Resp: 11974
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#

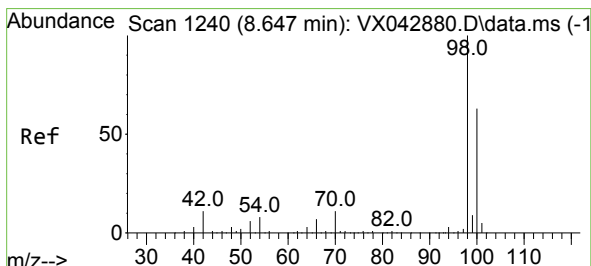
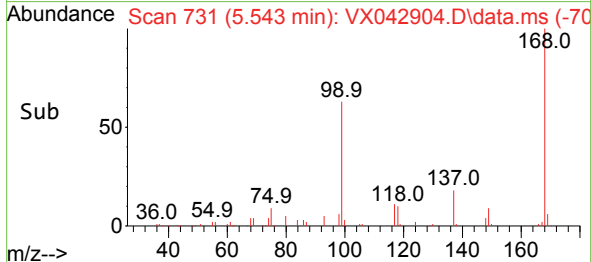
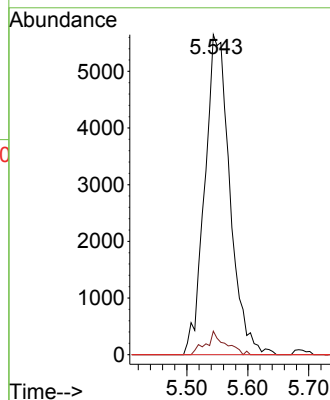
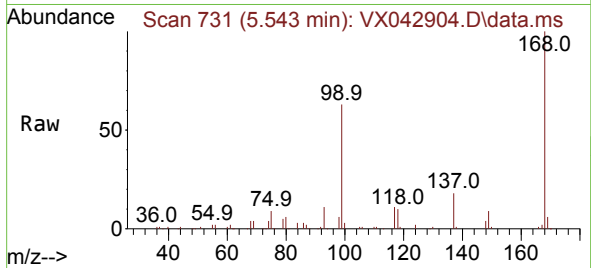




#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

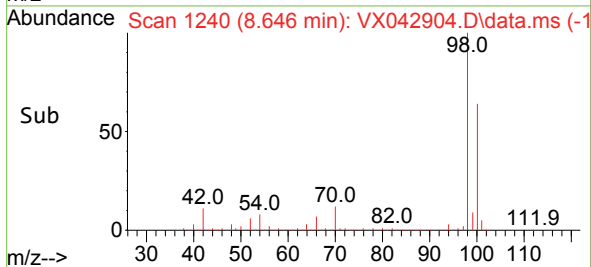
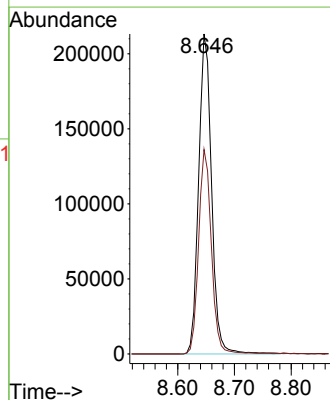
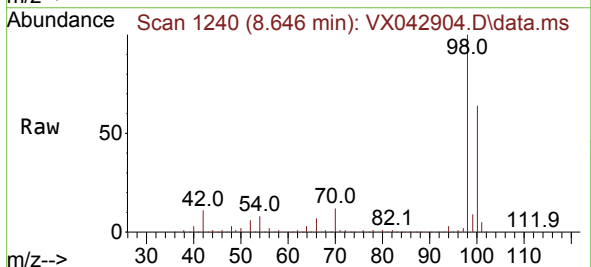
Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL02

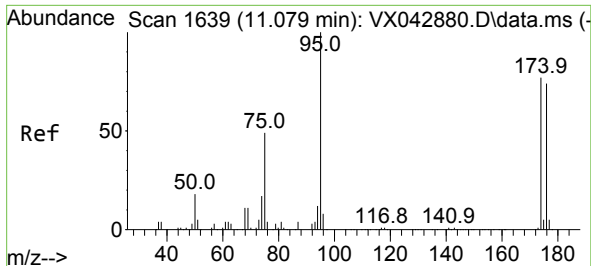
Tgt Ion:117 Resp: 16173
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.417 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

Tgt Ion: 98 Resp: 337414
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

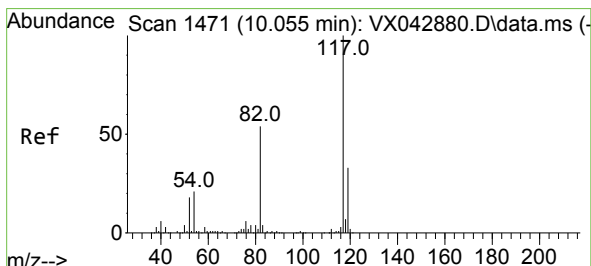
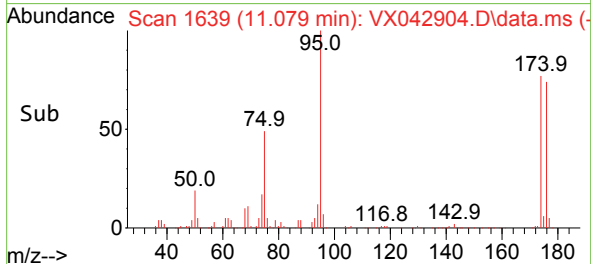
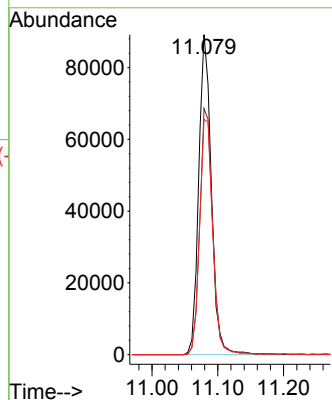
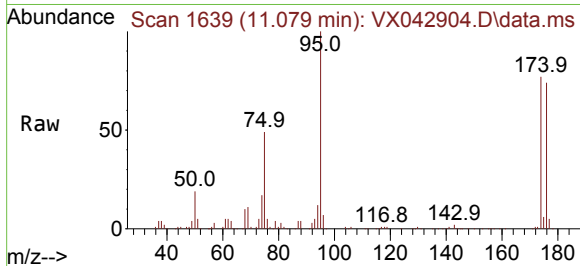




#62
4-Bromofluorobenzene
Concen: 50.350 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

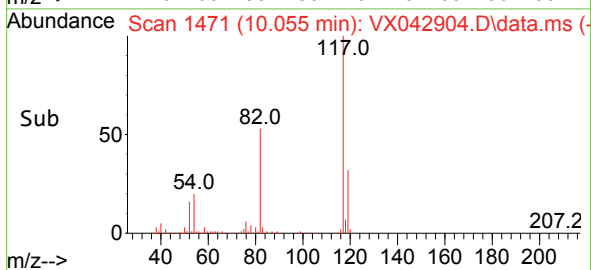
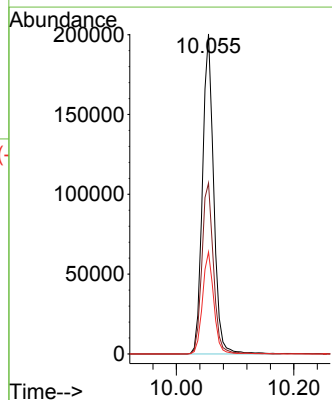
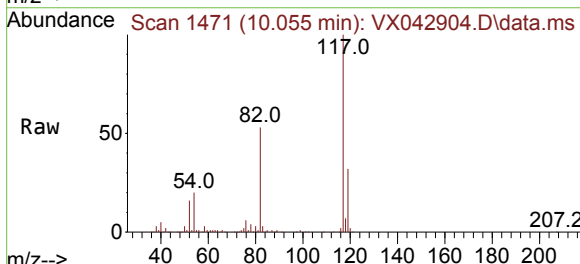
Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL02

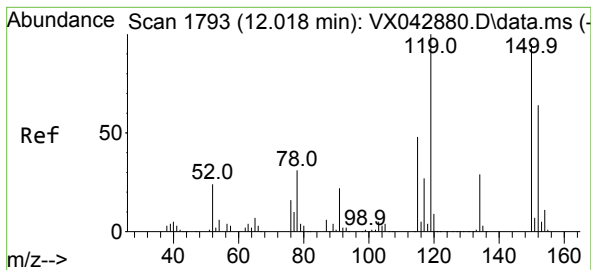
Tgt Ion: 95 Resp: 118732
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 76.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

Tgt Ion: 117 Resp: 265442
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042904.D

Acq: 07 Aug 2024 08:54

Instrument :

MSVOA_X

ClientSampleId :

VX0807MBL02

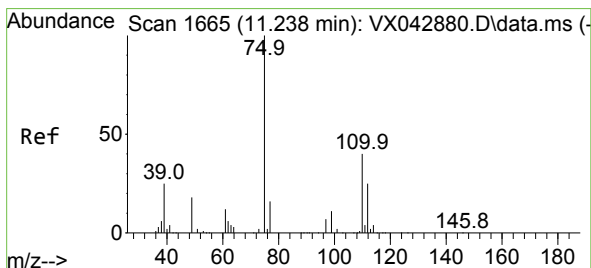
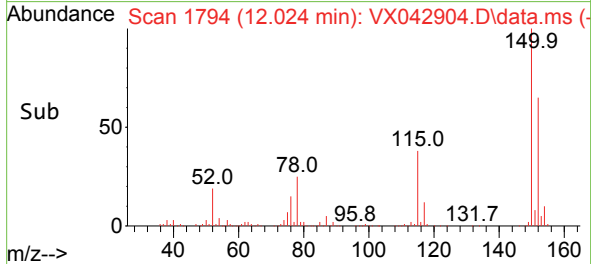
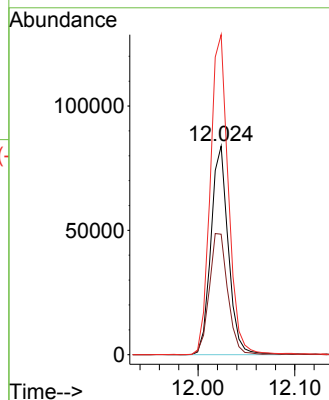
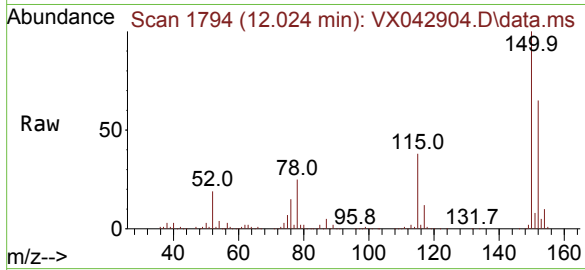
Tgt Ion:152 Resp: 104978

Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 160.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.328 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042904.D

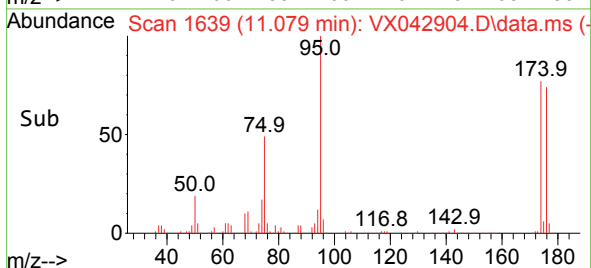
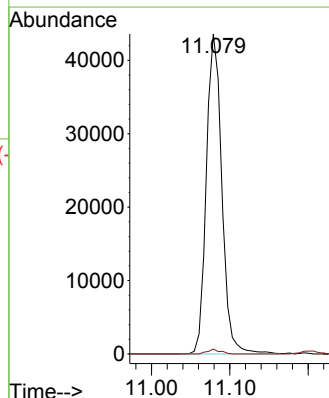
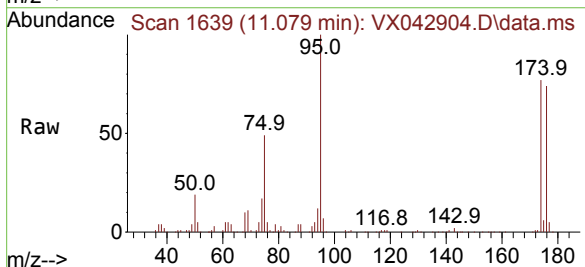
Acq: 07 Aug 2024 08:54

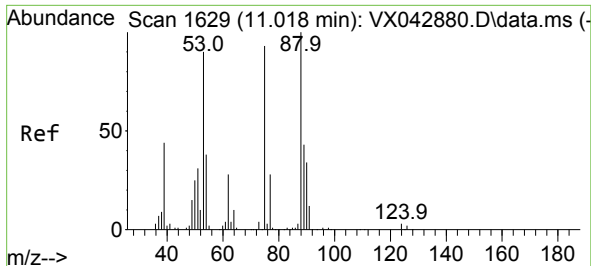
Tgt Ion: 75 Resp: 59798

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

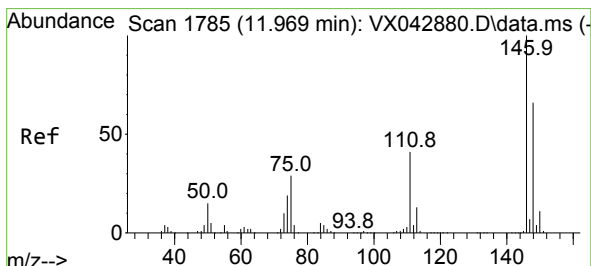
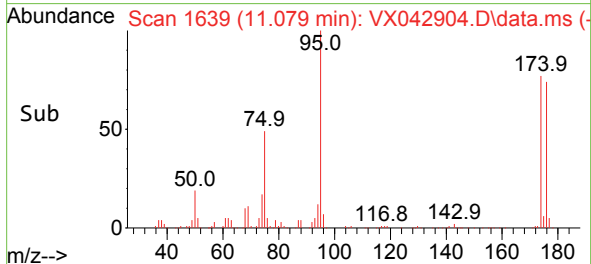
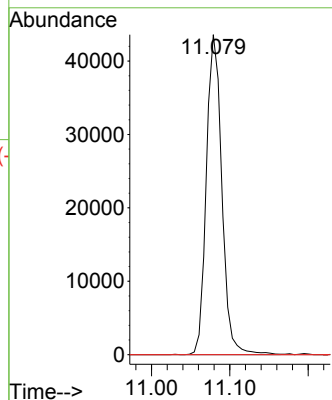
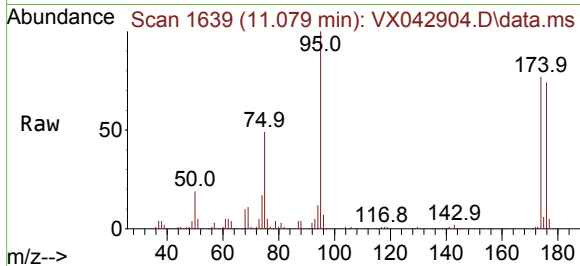




#81
trans-1,4-Dichloro-2-butene
Concen: 82.355 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

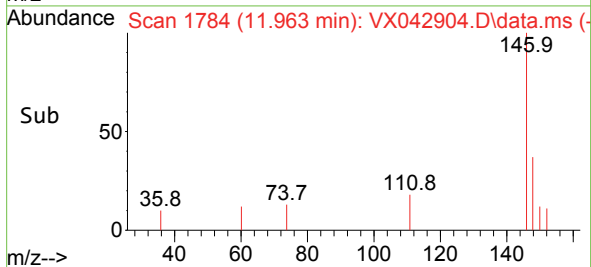
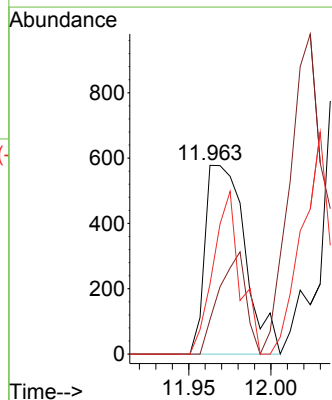
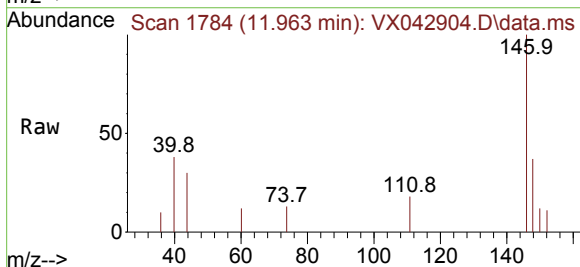
Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL02

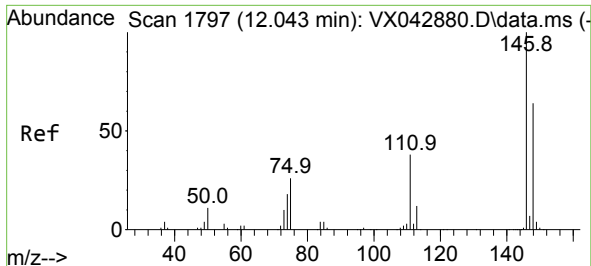
Tgt Ion: 75 Resp: 59798
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.279 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.007 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

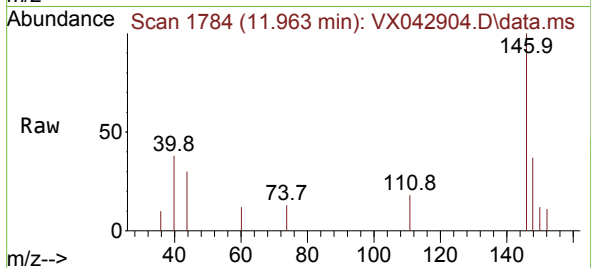
Tgt Ion: 146 Resp: 974
Ion Ratio Lower Upper
146 100
111 36.9 22.1 66.1
148 58.2 31.8 95.3



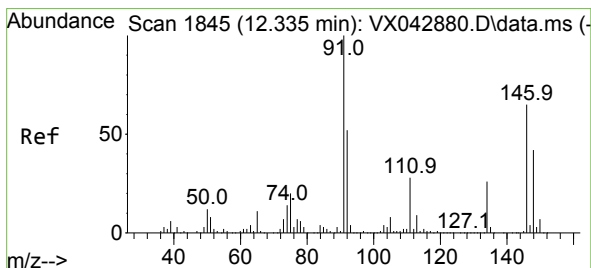
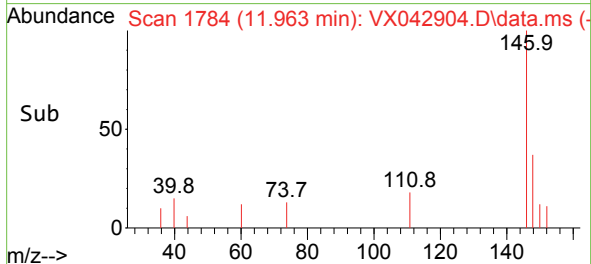
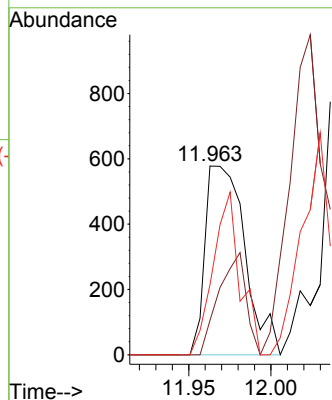


#88
1,4-Dichlorobenzene
Concen: 0.272 ug/l
RT: 11.963 min Scan# 11
Delta R.T. -0.080 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL02

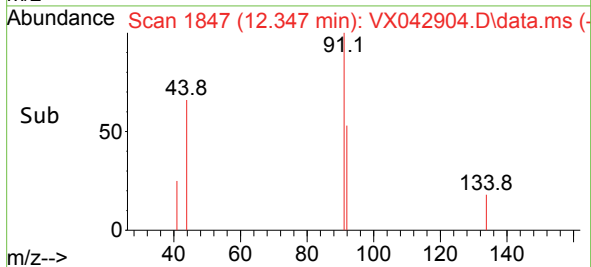
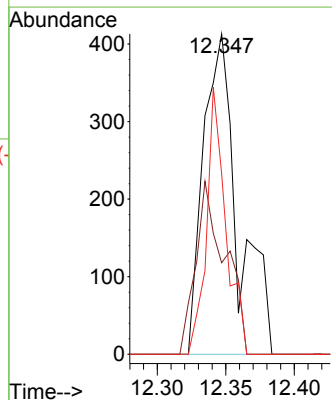
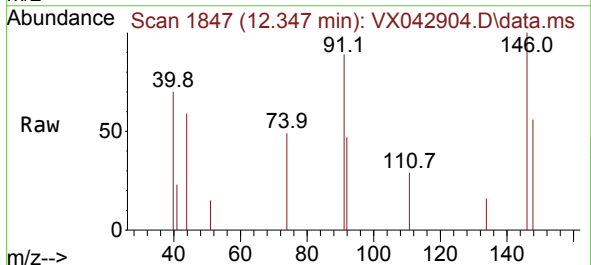


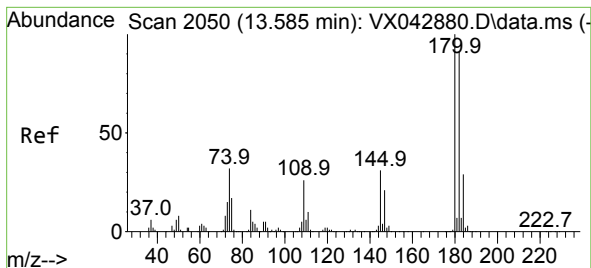
Tgt Ion:146 Resp: 974
Ion Ratio Lower Upper
146 100
111 36.9 21.3 63.7
148 58.2 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 0.207 ug/l
RT: 12.347 min Scan# 1847
Delta R.T. 0.012 min
Lab File: VX042904.D
Acq: 07 Aug 2024 08:54

Tgt Ion:146 Resp: 724
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.0
148 46.3 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.492 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX042904.D

Acq: 07 Aug 2024 08:54

Instrument :

MSVOA_X

ClientSampleId :

VX0807MBL02

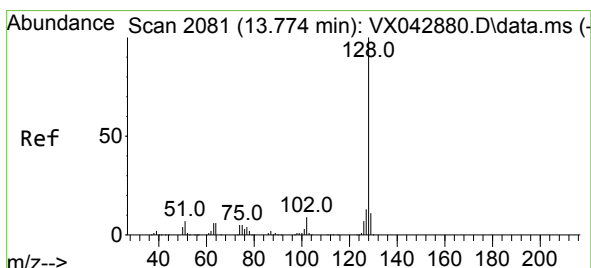
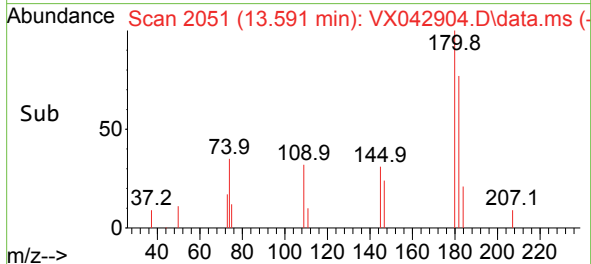
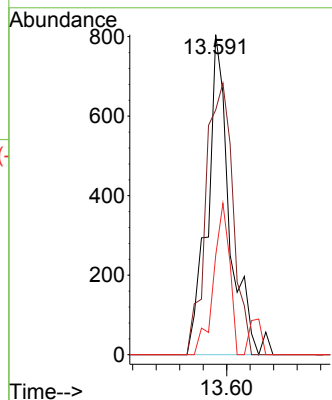
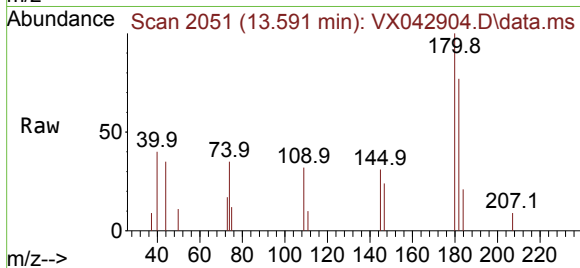
Tgt Ion:180 Resp: 1049

Ion Ratio Lower Upper

180 100

182 103.9 48.3 144.8

145 34.3 18.0 54.0



#95

Naphthalene

Concen: 0.749 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX042904.D

Acq: 07 Aug 2024 08:54

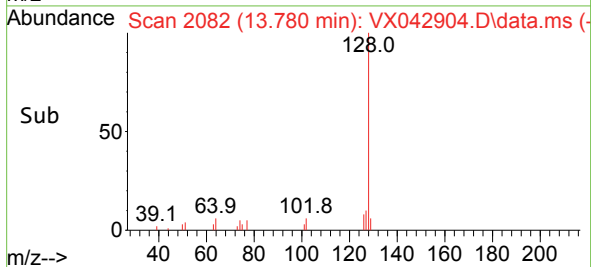
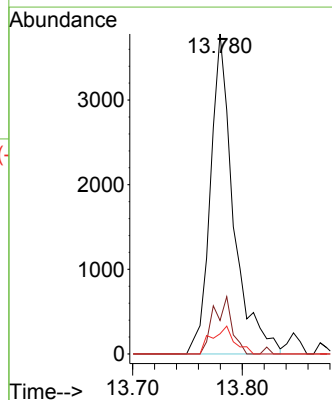
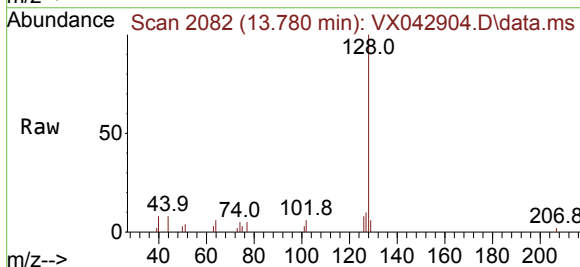
Tgt Ion:128 Resp: 5532

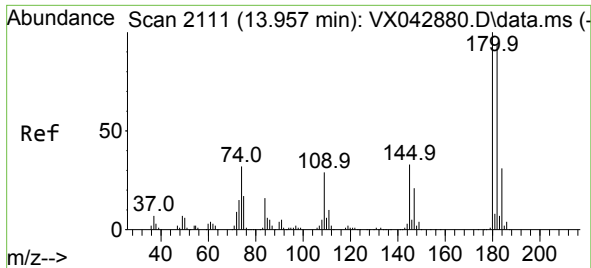
Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

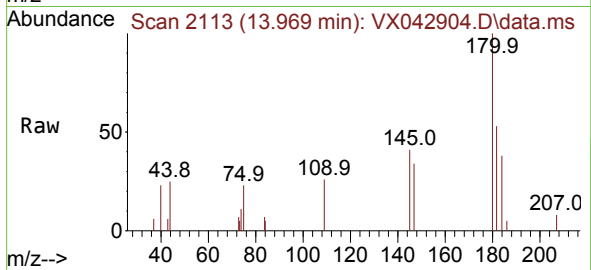
129 8.5 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.676 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.012 min
 Lab File: VX042904.D
 Acq: 07 Aug 2024 08:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807MBL02



Tgt Ion:	180	Resp:	1453
Ion Ratio	Lower	Upper	
180	100		
182	79.4	46.9	140.6
145	31.2	17.8	53.5

