

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042930.D
 Acq On : 07 Aug 2024 23:09
 Operator : JC/MD
 Sample : VX0807WBL03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL03

Quant Time: Aug 08 04:02:44 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)

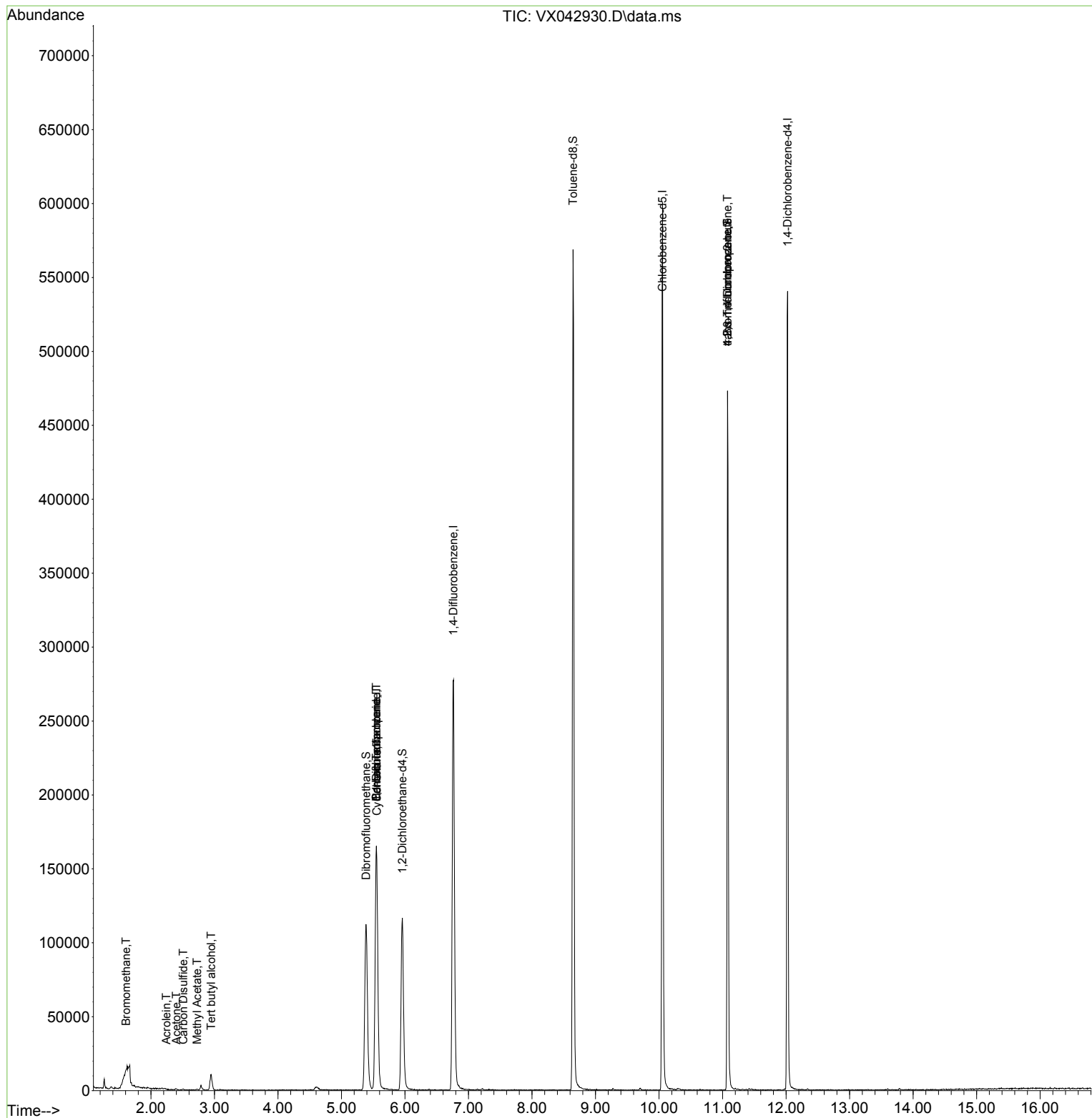
Internal Standards						
1) Pentafluorobenzene	5.550	168	158861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	297458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120671	55.332	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.660%			
35) Dibromofluoromethane	5.385	113	102149	52.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.040%			
50) Toluene-d8	8.647	98	357654	51.800	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.600%			
62) 4-Bromofluorobenzene	11.079	95	130397	52.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.120%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	938	0.876	ug/l #	70
11) Tert butyl alcohol	2.947	59	6677	15.392	ug/l #	78
13) Acrolein	2.239	56	171	0.400	ug/l #	75
16) Acetone	2.398	43	988	1.044	ug/l #	83
17) Carbon Disulfide	2.508	76	929	0.218	ug/l #	91
18) Methyl Acetate	2.727	43	839	0.280	ug/l #	58
20) Methylene Chloride	2.788	84	1606	Below Cal	#	83
31) Cyclohexane	5.556	56	3389	1.242	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	13019	4.937	ug/l #	52
38) Carbon Tetrachloride	5.550	117	16348	5.492	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	65857	24.921	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	65857	81.030	ug/l #	5

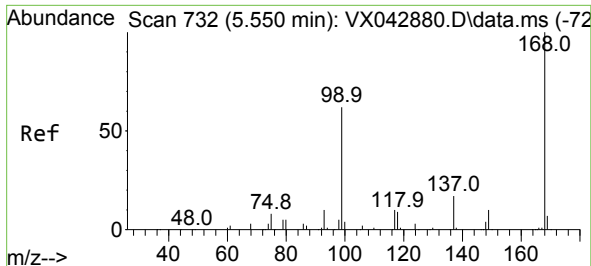
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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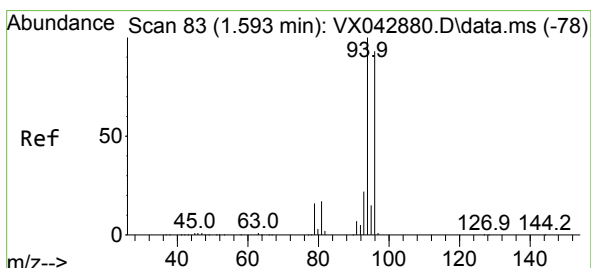
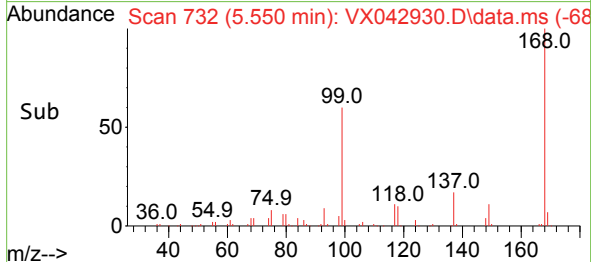
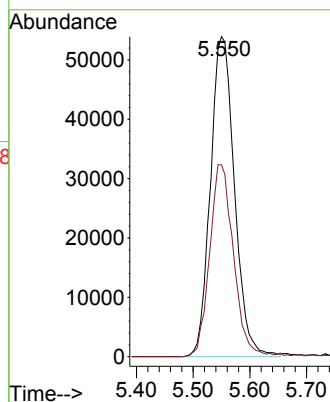
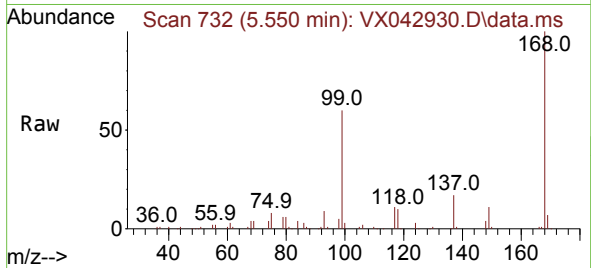




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

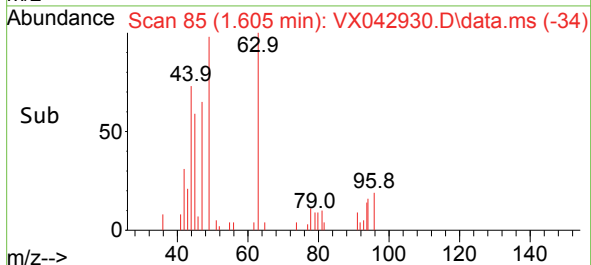
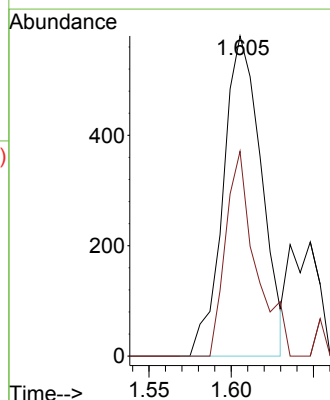
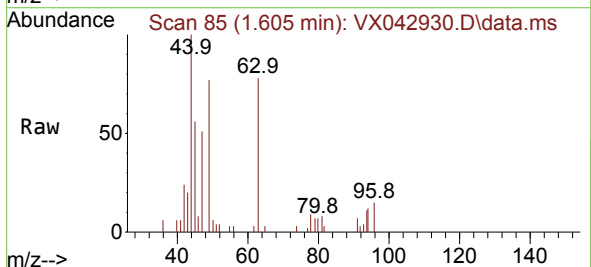
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL03

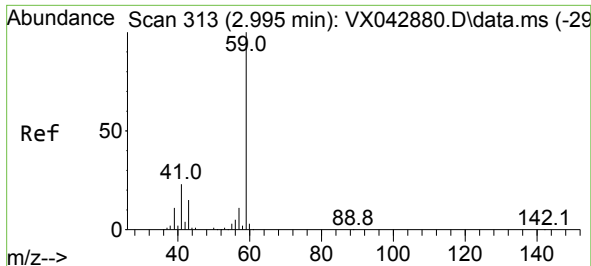
Tgt Ion:168 Resp: 158861
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#5
Bromomethane
Concen: 0.876 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

Tgt Ion: 94 Resp: 938
Ion Ratio Lower Upper
94 100
96 64.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 15.392 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX042930.D

Acq: 07 Aug 2024 23:09

Instrument :

MSVOA_X

ClientSampleId :

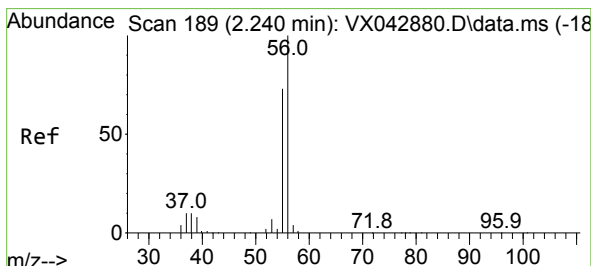
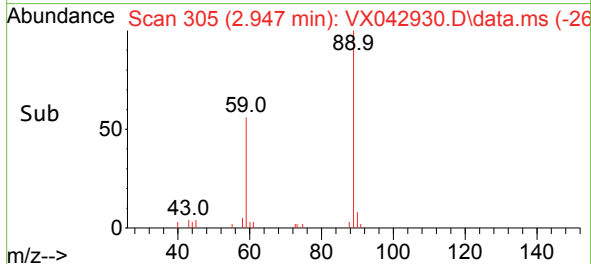
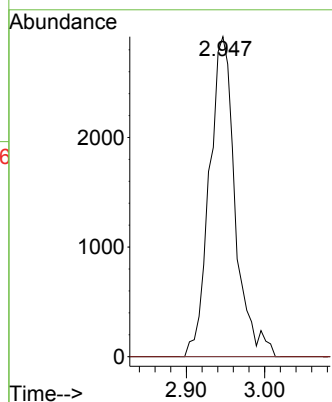
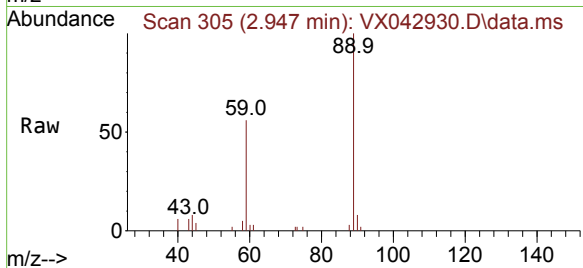
VX0807WBL03

Tgt Ion: 59 Resp: 6677

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.400 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX042930.D

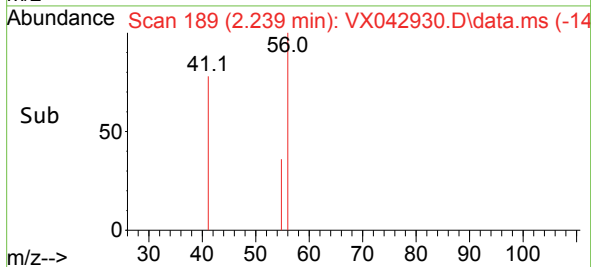
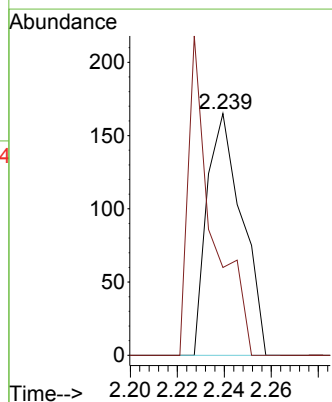
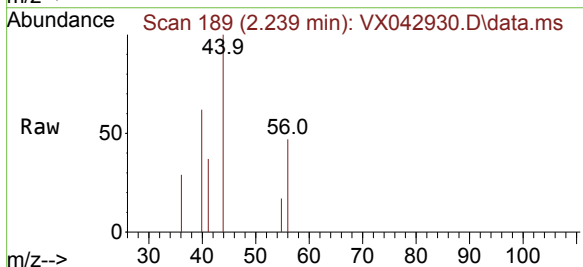
Acq: 07 Aug 2024 23:09

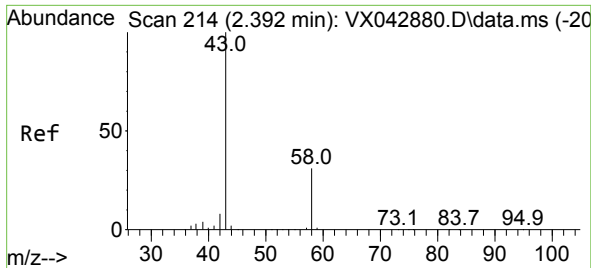
Tgt Ion: 56 Resp: 171

Ion Ratio Lower Upper

56 100

55 91.8 57.1 85.7#

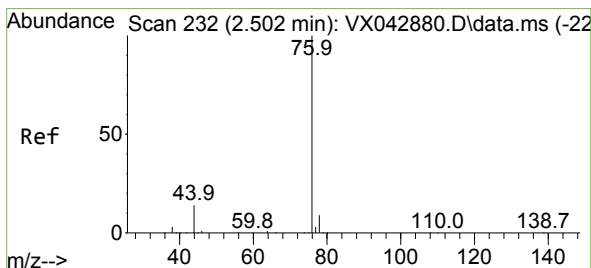
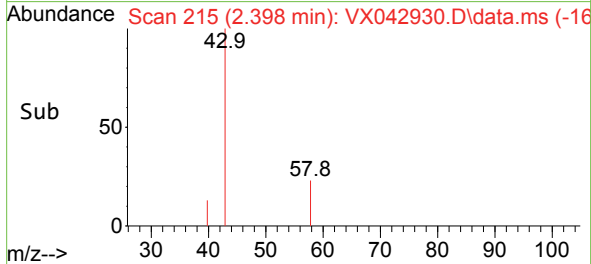
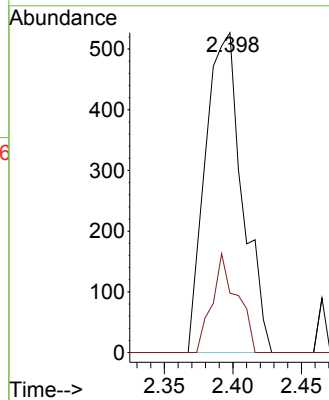
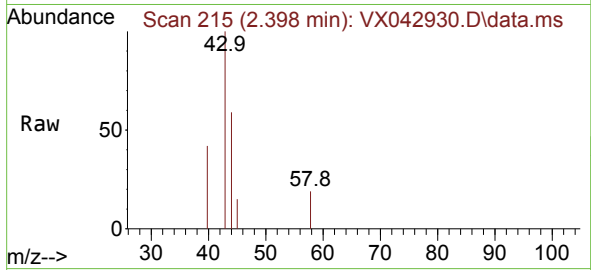




#16
Acetone
Concen: 1.044 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

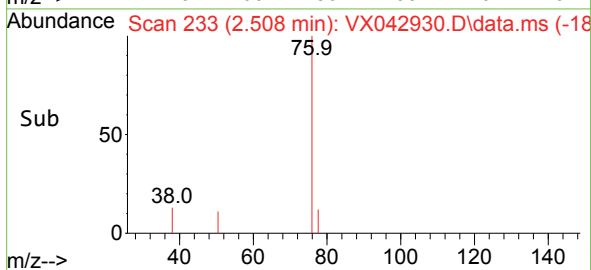
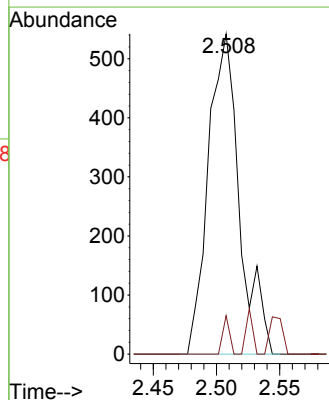
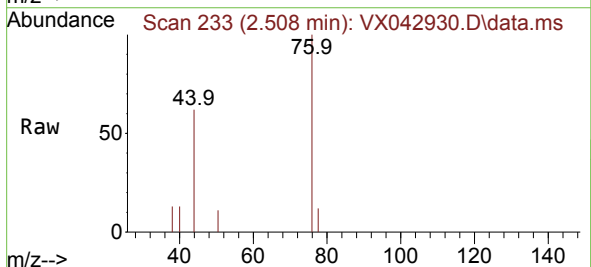
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL03

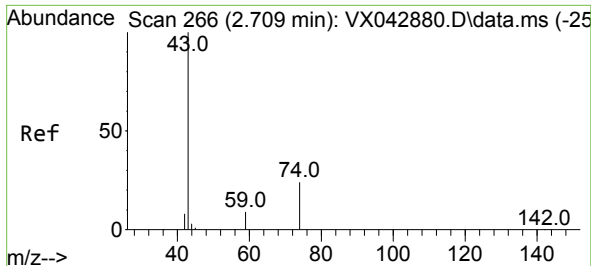
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 18.6 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

Tgt Ion: 76 Resp: 929
Ion Ratio Lower Upper
76 100
78 12.0 7.0 10.6#

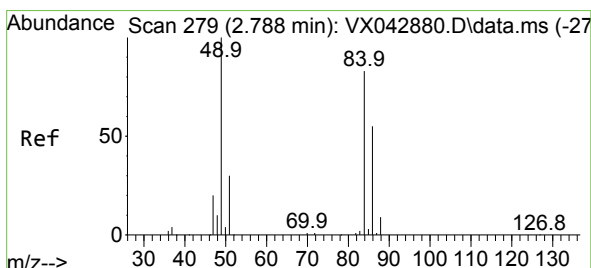
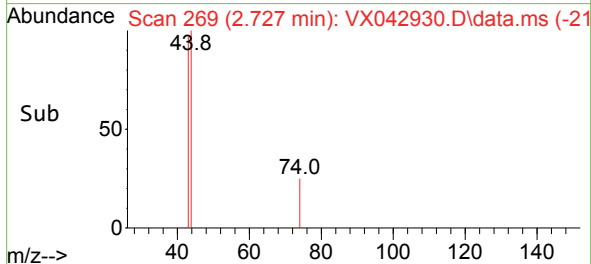
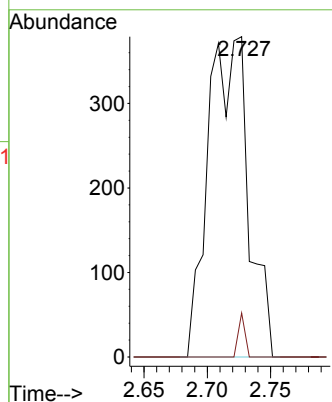
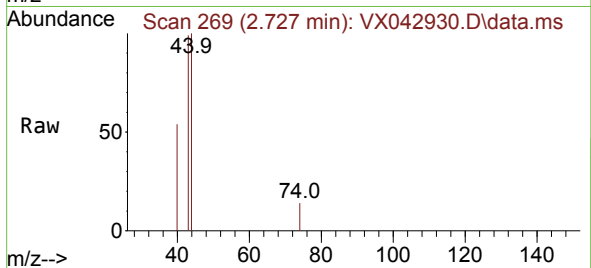




#18
Methyl Acetate
Concen: 0.280 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

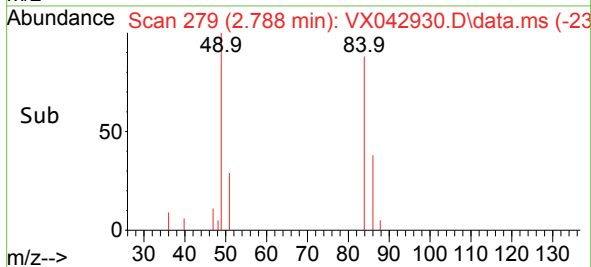
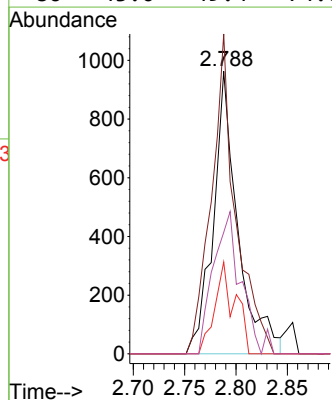
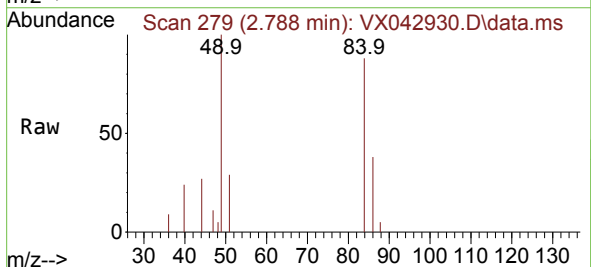
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL03

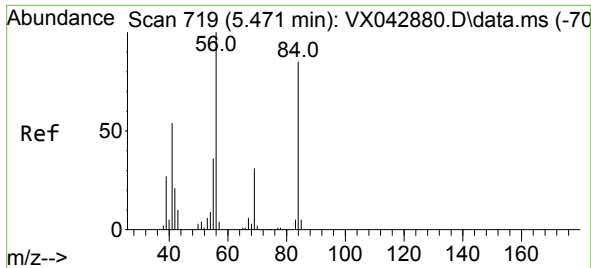
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
74 2.3 17.8 26.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

Tgt Ion: 84 Resp: 1606
Ion Ratio Lower Upper
84 100
49 113.2 103.6 155.4
51 32.5 33.8 50.6#
86 43.0 49.4 74.0#

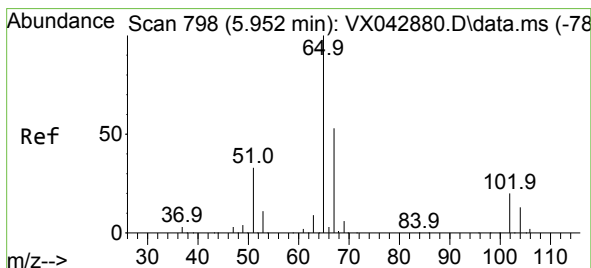
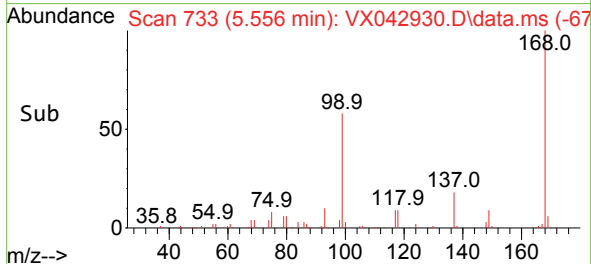
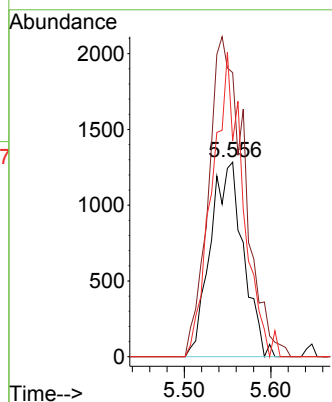
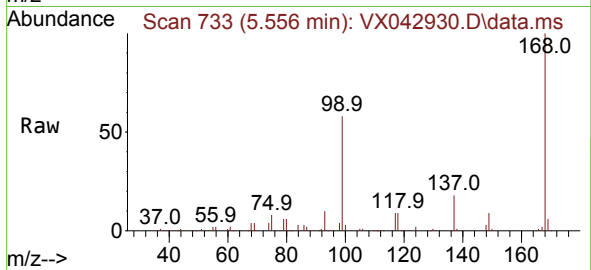




#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

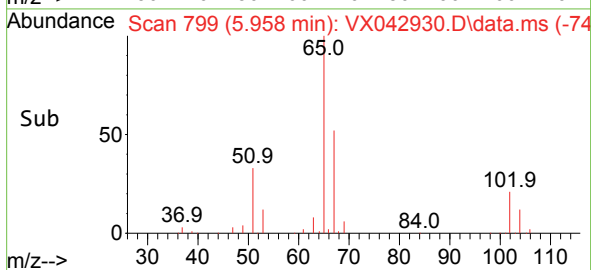
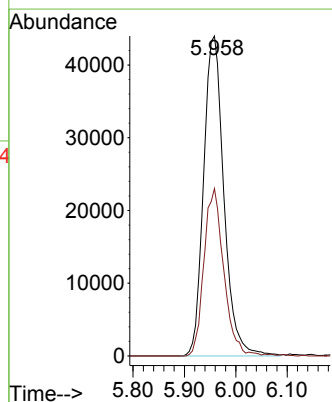
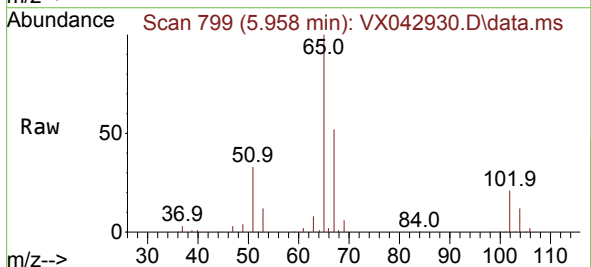
Instrument :
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ClientSampleId :
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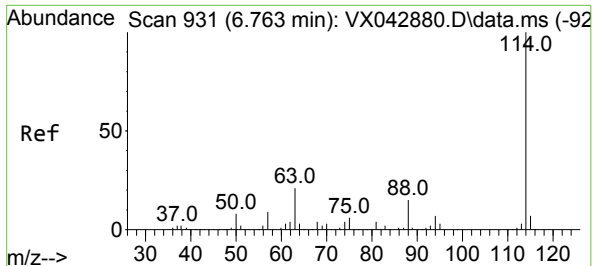
Tgt Ion: 56 Resp: 3389
Ion Ratio Lower Upper
56 100
69 146.0 23.4 35.2#
84 111.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 55.332 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

Tgt Ion: 65 Resp: 120671
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

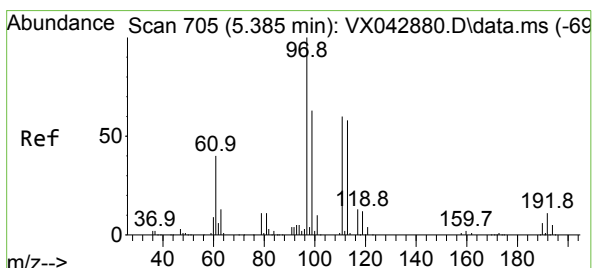
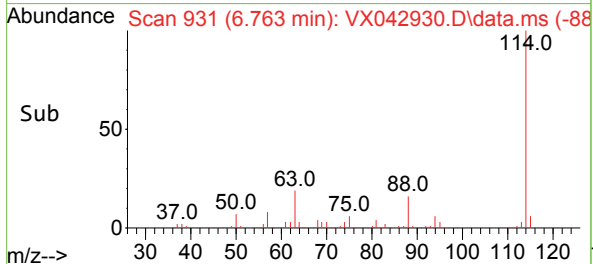
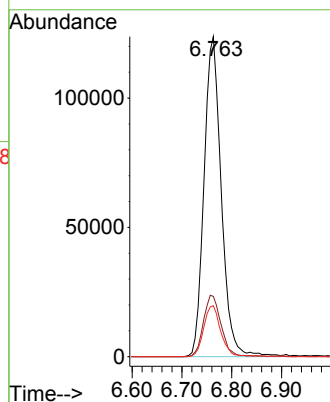
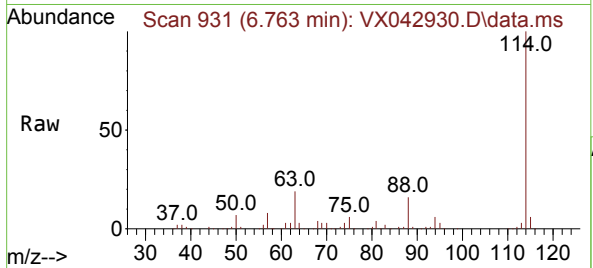




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

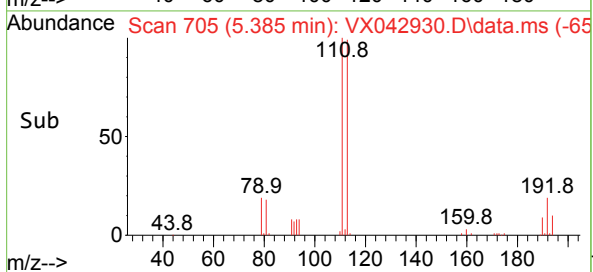
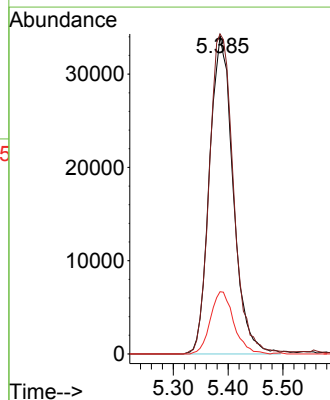
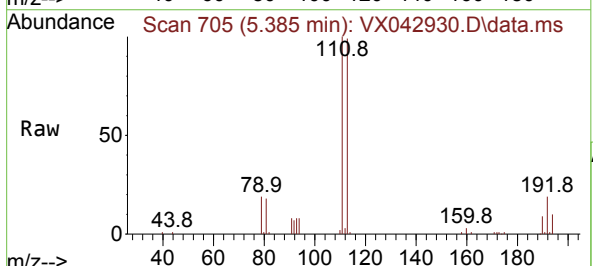
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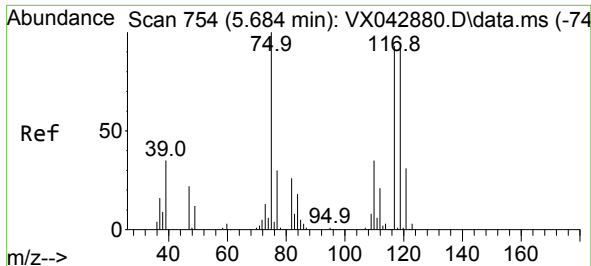
Tgt Ion:114 Resp: 297458
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.521 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

Tgt Ion:113 Resp: 102149
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.3 13.3 19.9

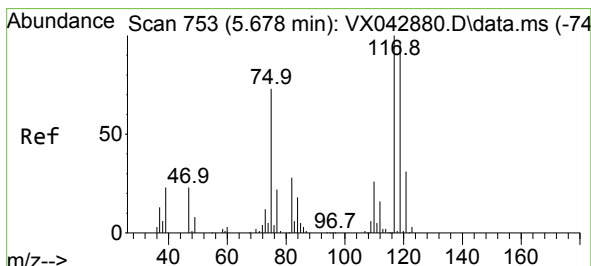
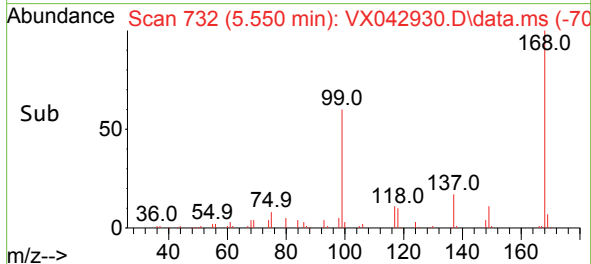
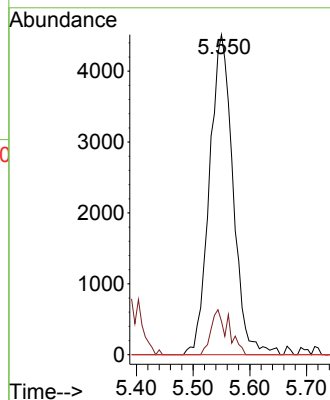
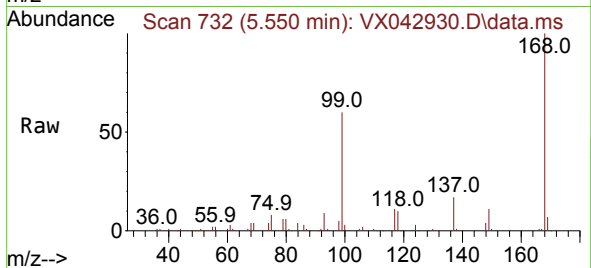




#36
1,1-Dichloropropene
Concen: 4.937 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

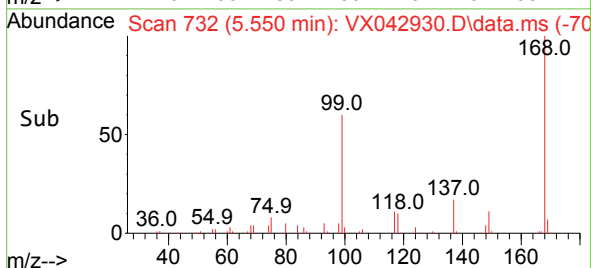
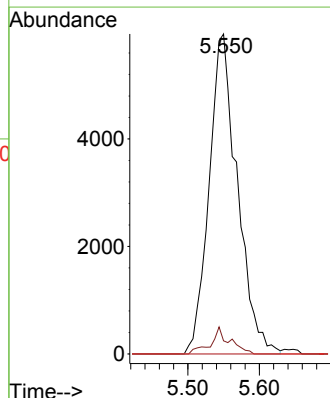
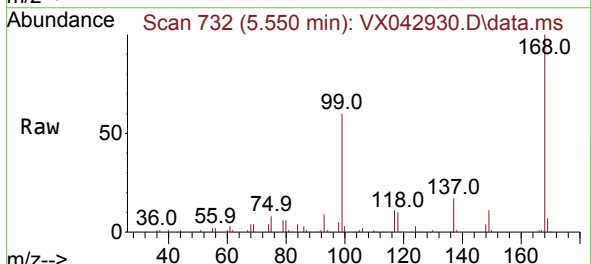
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL03

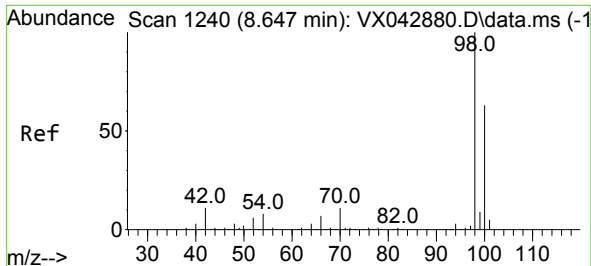
Tgt Ion: 75 Resp: 13019
Ion Ratio Lower Upper
75 100
110 10.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.492 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

Tgt Ion: 117 Resp: 16348
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

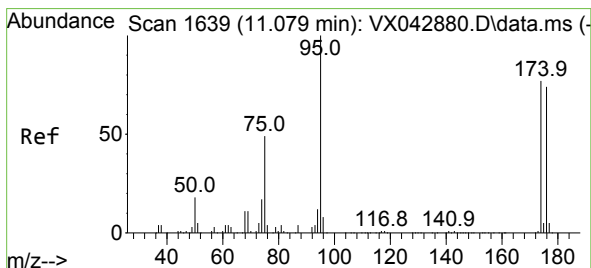
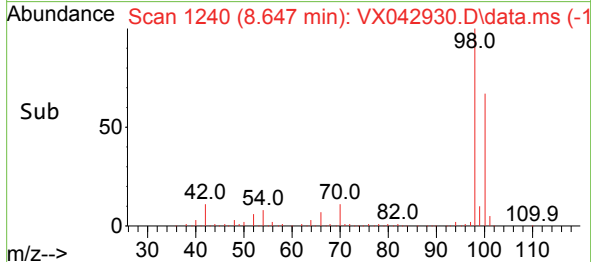
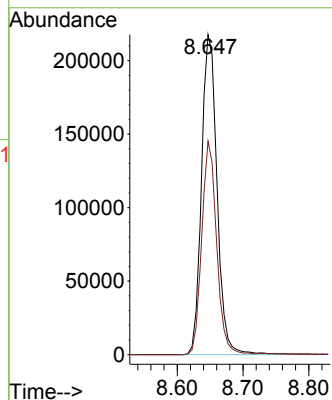
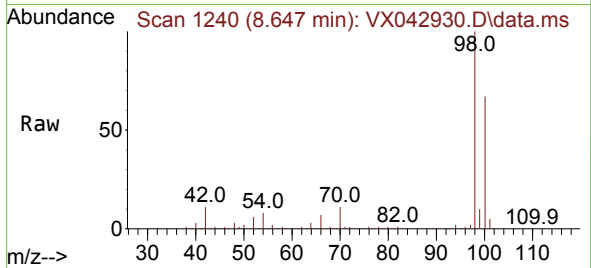




#50
Toluene-d8
Concen: 51.800 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

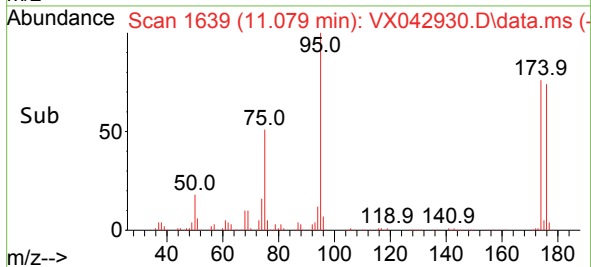
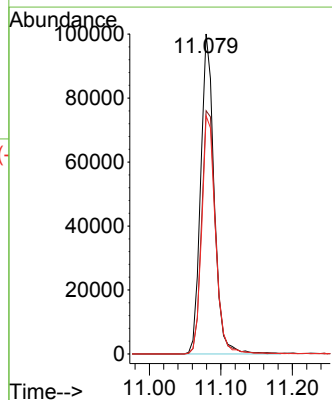
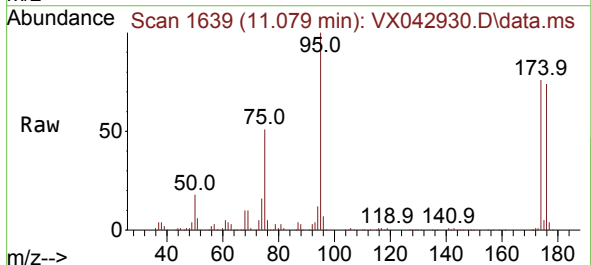
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL03

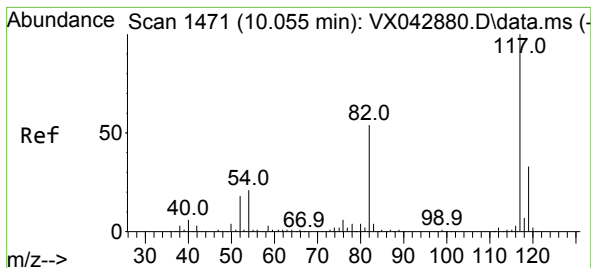
Tgt Ion: 98 Resp: 357654
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042930.D
Acq: 07 Aug 2024 23:09

Tgt Ion: 95 Resp: 130397
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 76.2 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: VX042930.D

Acq: 07 Aug 2024 23:09

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBL03

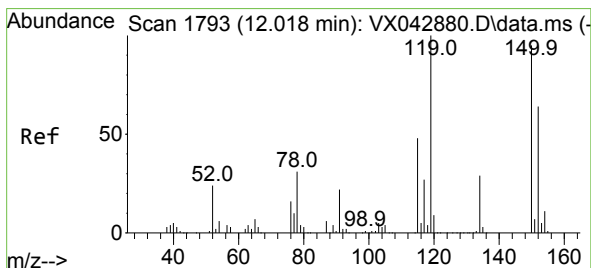
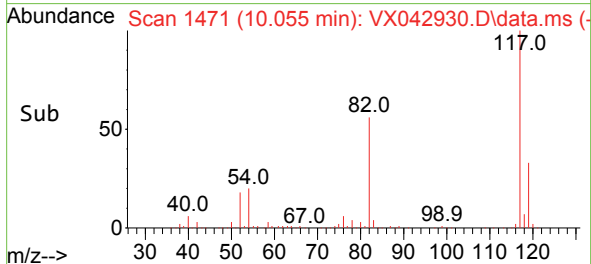
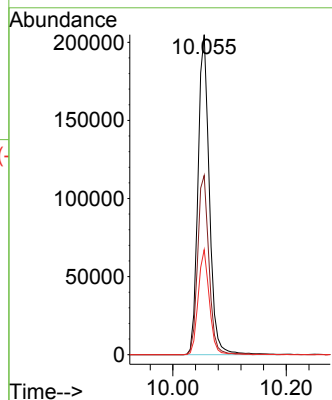
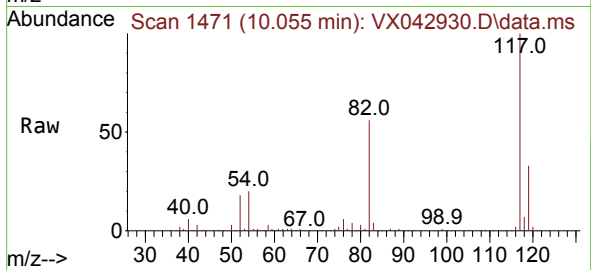
Tgt Ion:117 Resp: 284079

Ion Ratio Lower Upper

117 100

82 56.0 46.2 69.4

119 32.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX042930.D

Acq: 07 Aug 2024 23:09

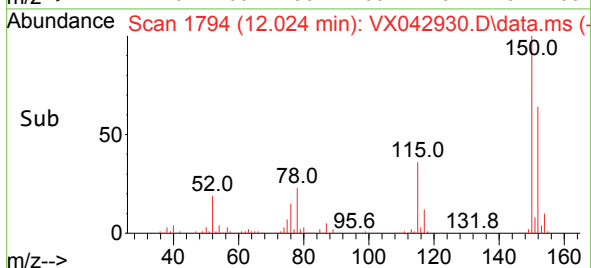
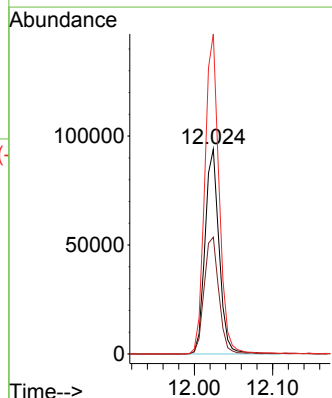
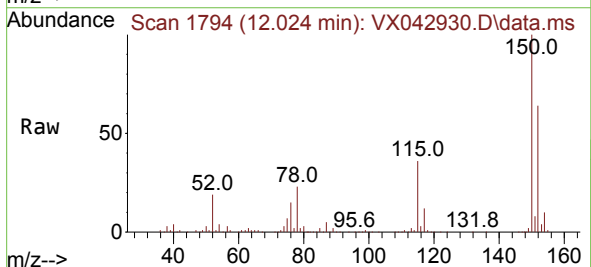
Tgt Ion:152 Resp: 117506

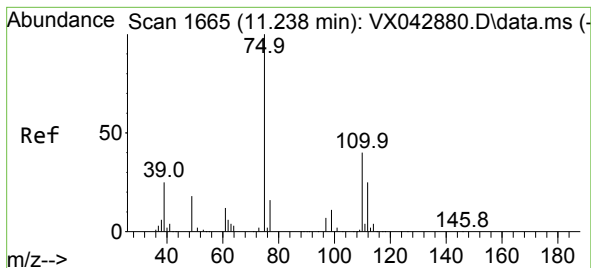
Ion Ratio Lower Upper

152 100

115 59.7 43.3 129.9

150 157.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.921 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX042930.D

Acq: 07 Aug 2024 23:09

Instrument :

MSVOA_X

ClientSampleId :

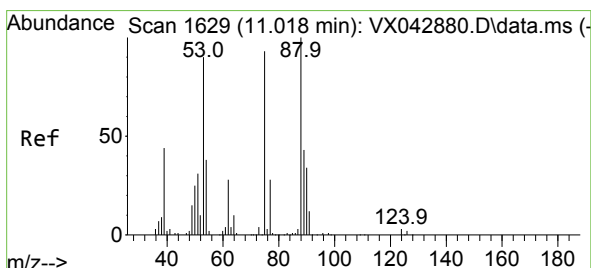
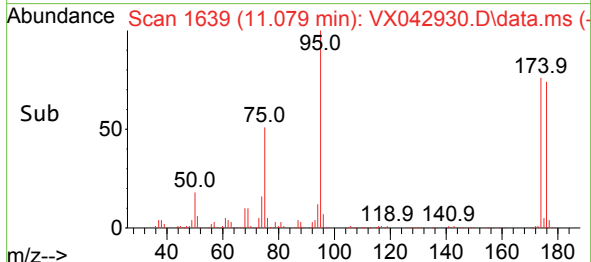
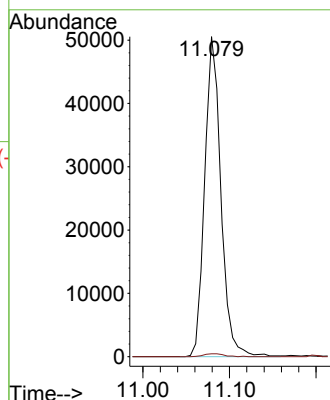
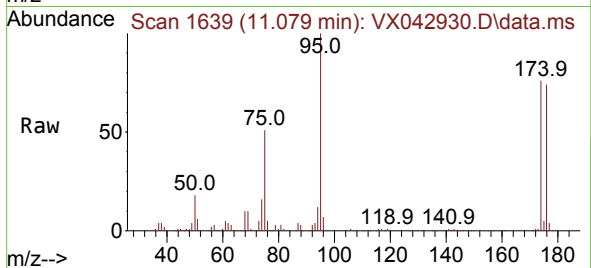
VX0807WBL03

Tgt Ion: 75 Resp: 65857

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.030 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042930.D

Acq: 07 Aug 2024 23:09

Tgt Ion: 75 Resp: 65857

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

