

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034927.D
 Acq On : 03 Apr 2023 13:14
 Operator : JC/MD
 Sample : 02159-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 03 21:36:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

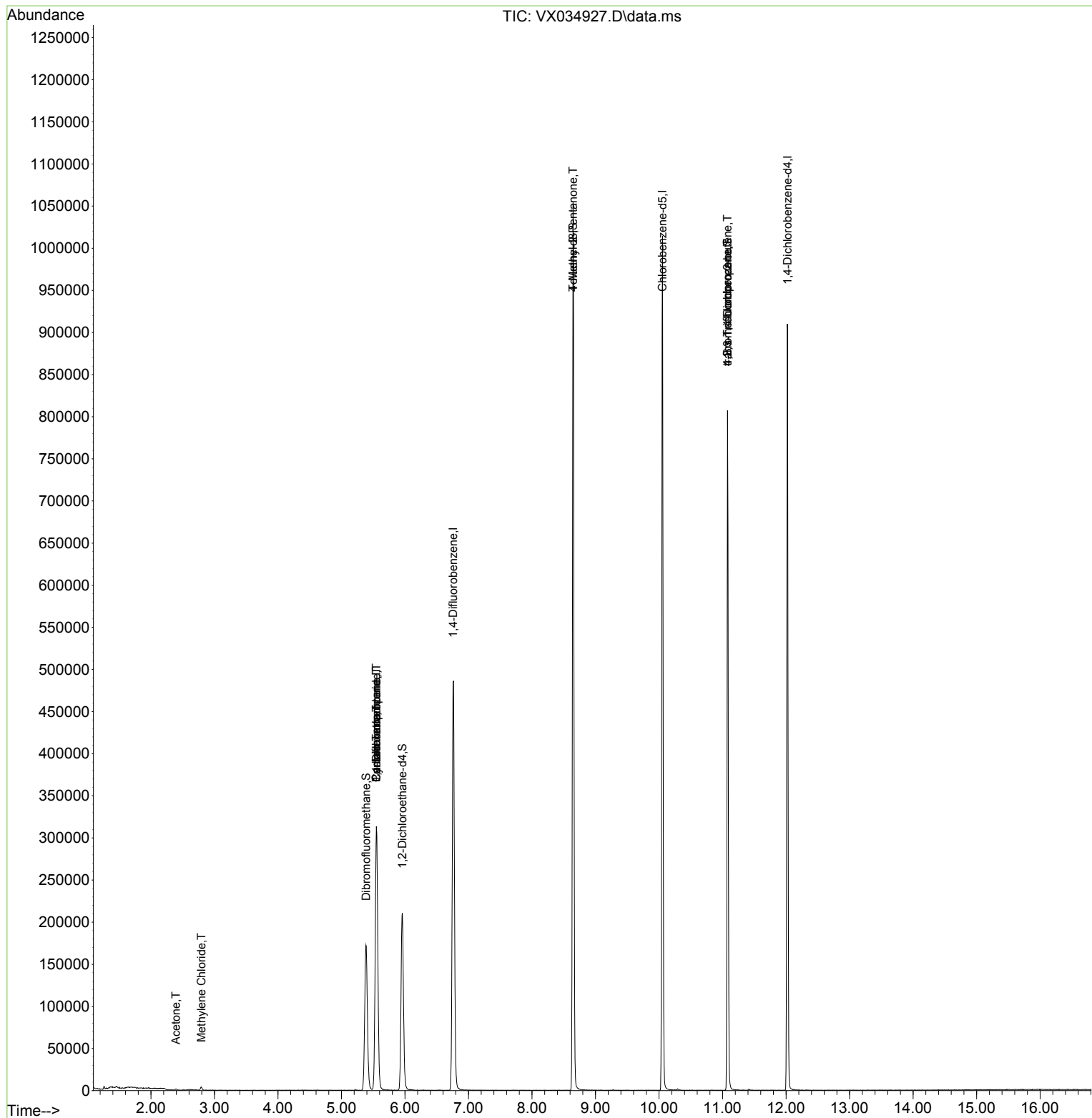
Internal Standards						
1) Pentafluorobenzene	5.550	168	279383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	480019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	213824	50.044	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.080%		
35) Dibromofluoromethane	5.385	113	153236	48.264	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.520%		
50) Toluene-d8	8.647	98	582421	49.699	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.400%		
62) 4-Bromofluorobenzene	11.079	95	217590	47.981	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.960%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1616	0.931	ug/l #	78
20) Methylene Chloride	2.794	84	1633	0.477	ug/l	88
31) Cyclohexane	5.550	56	6710	1.290	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24168	5.138	ug/l #	51
38) Carbon Tetrachloride	5.550	117	31151	7.024	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2921	0.600	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	115097	30.340	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	115097	90.927	ug/l #	8

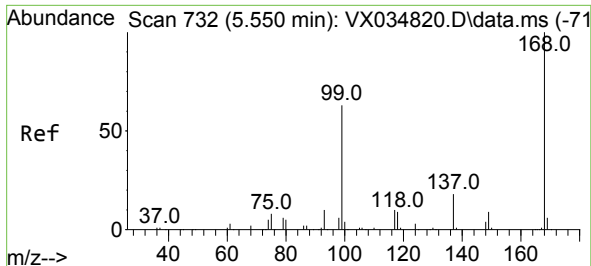
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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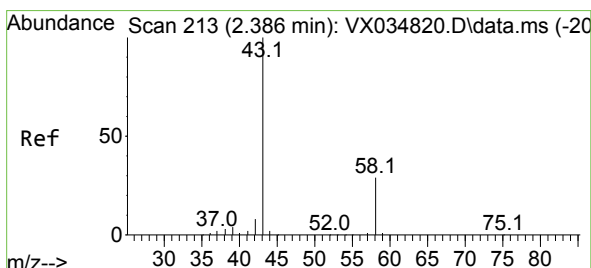
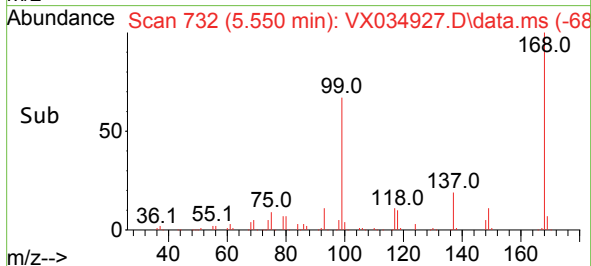
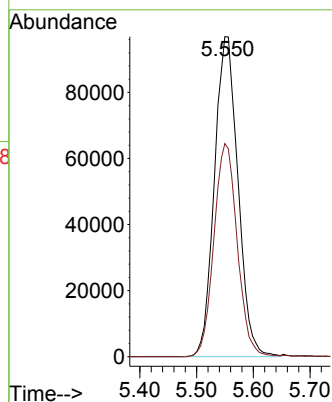
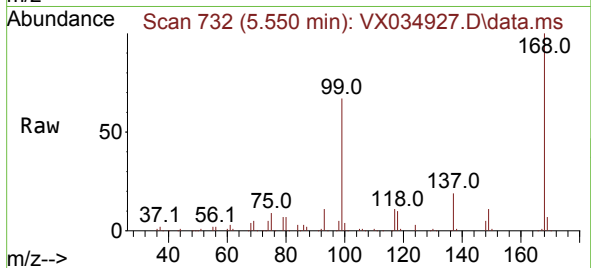




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034927.D
Acq: 03 Apr 2023 13:14

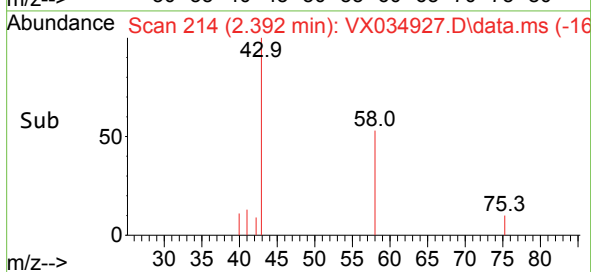
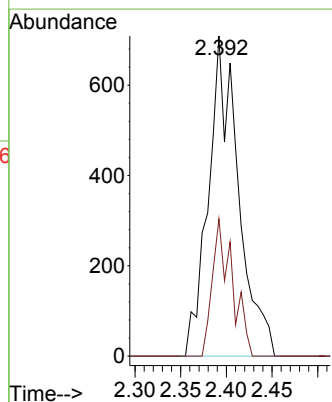
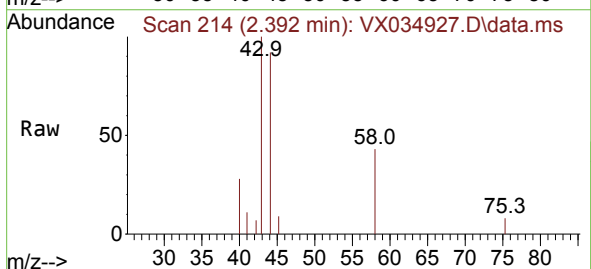
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

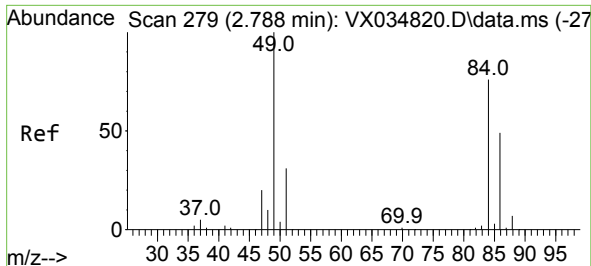
Tgt Ion:168 Resp: 279383
Ion Ratio Lower Upper
168 100
99 66.6 45.7 68.5



#16
Acetone
Concen: 0.931 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX034927.D
Acq: 03 Apr 2023 13:14

Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
58 42.9 24.7 37.1#



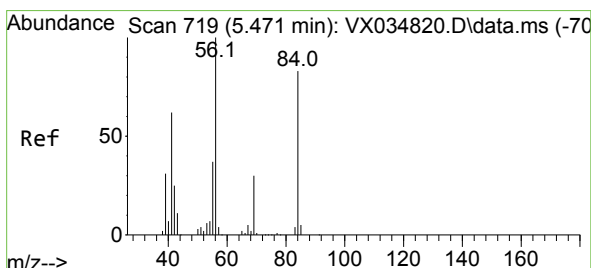
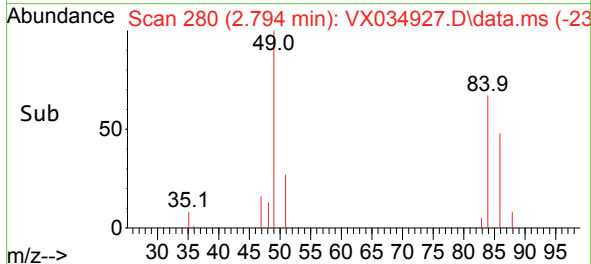
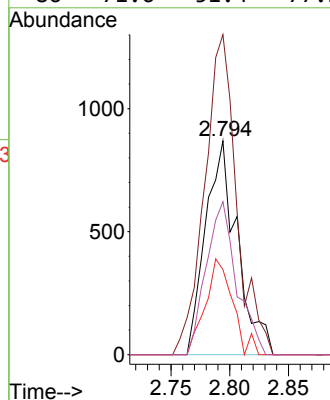
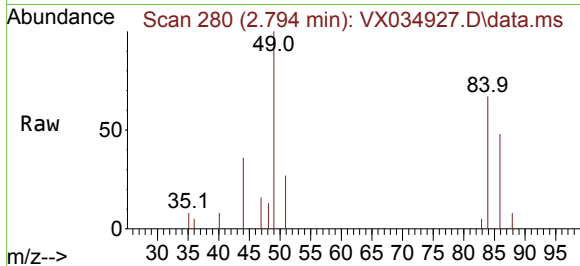


#20
Methylene Chloride
Concen: 0.477 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034927.D
Acq: 03 Apr 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 84 Resp: 1633

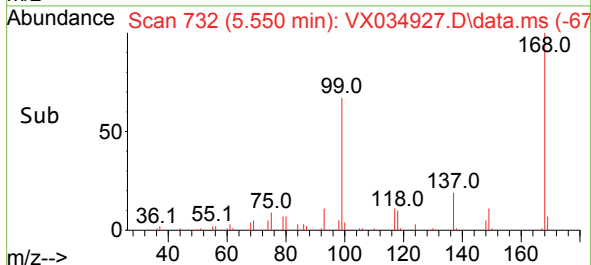
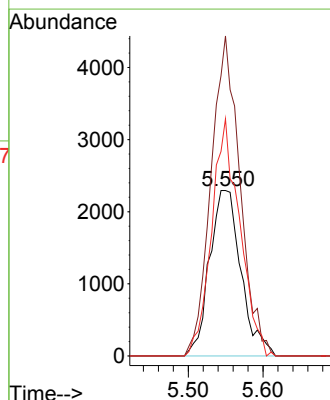
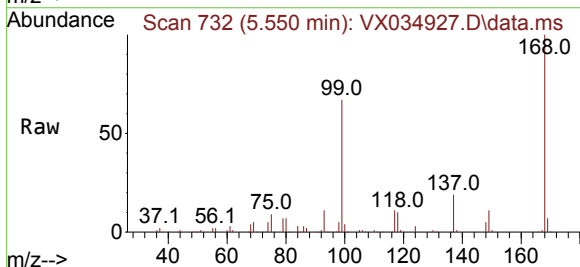
Ion	Ratio	Lower	Upper
84	100		
49	149.7	103.8	155.8
51	39.8	31.8	47.8
86	71.6	51.4	77.2

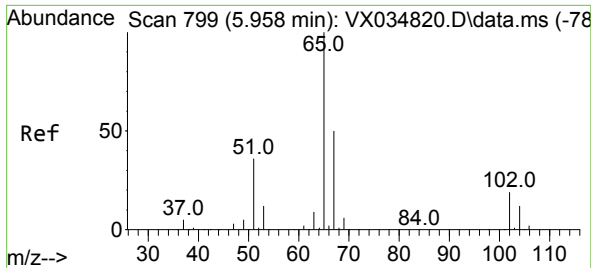


#31
Cyclohexane
Concen: 1.290 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034927.D
Acq: 03 Apr 2023 13:14

Tgt Ion: 56 Resp: 6710

Ion	Ratio	Lower	Upper
56	100		
69	193.3	23.7	35.5#
84	143.2	68.5	102.7#

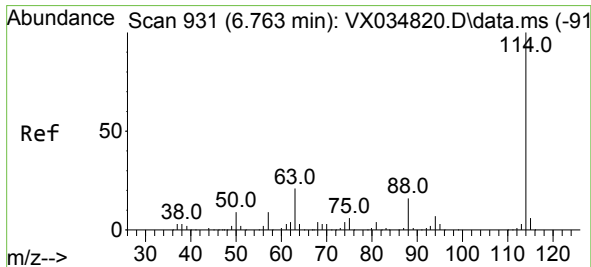
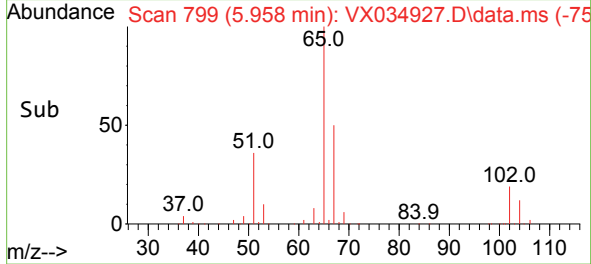
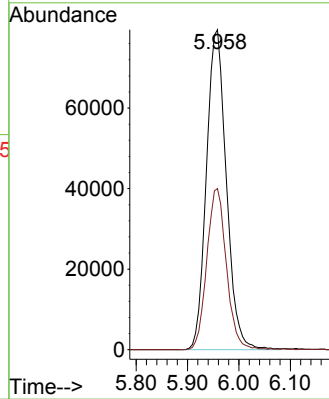
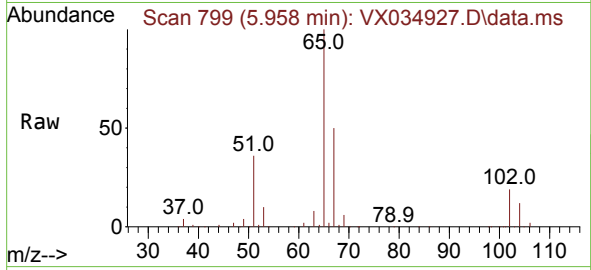




#33
1,2-Dichloroethane-d4
Concen: 50.044 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034927.D
Acq: 03 Apr 2023 13:14

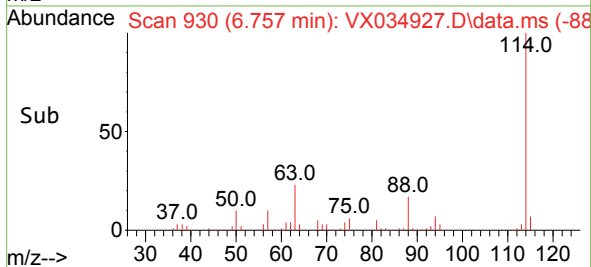
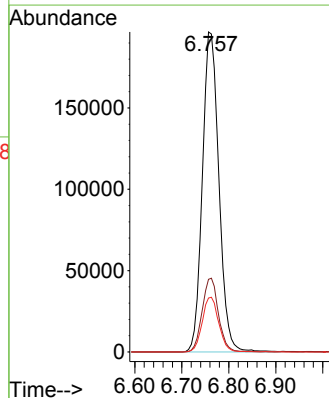
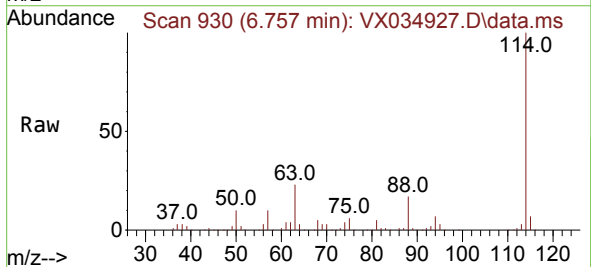
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

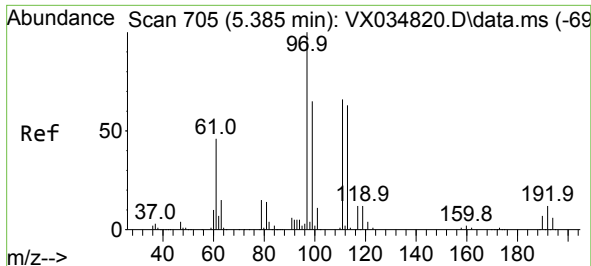
Tgt Ion: 65 Resp: 213824
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX034927.D
Acq: 03 Apr 2023 13:14

Tgt Ion: 114 Resp: 480019
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.2
88 16.8 0.0 33.2

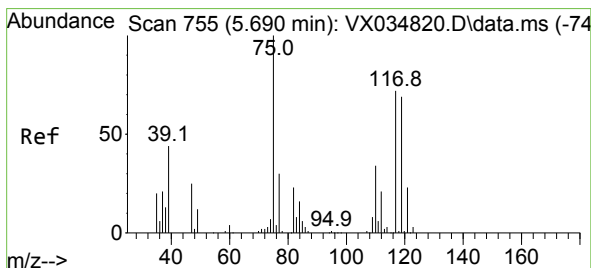
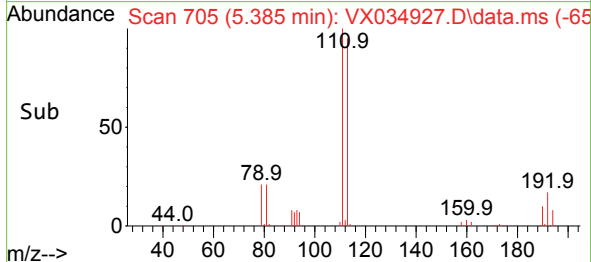
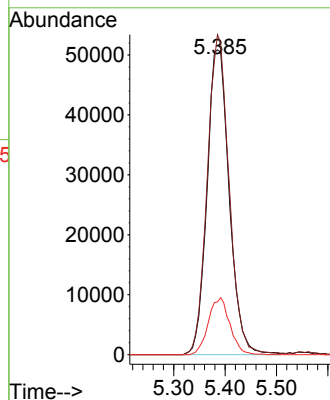
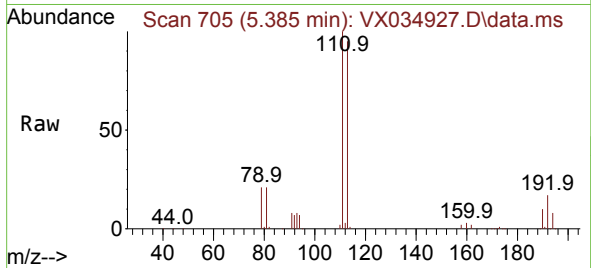




#35
Dibromofluoromethane
Concen: 48.264 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034927.D
Acq: 03 Apr 2023 13:14

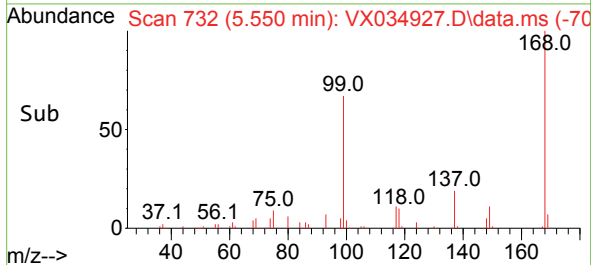
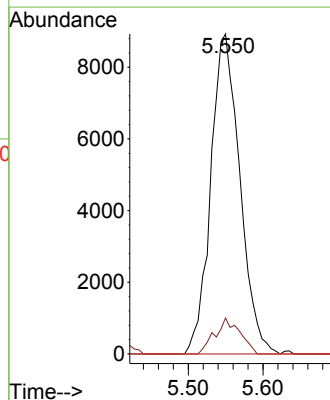
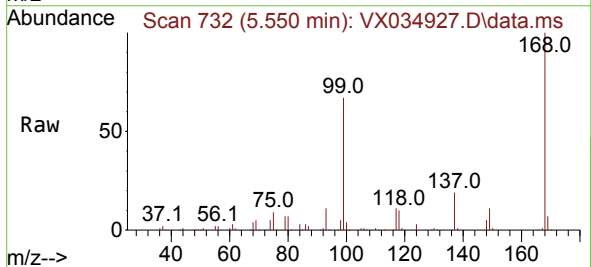
Instrument :
MSVOA_X
ClientSampleId :
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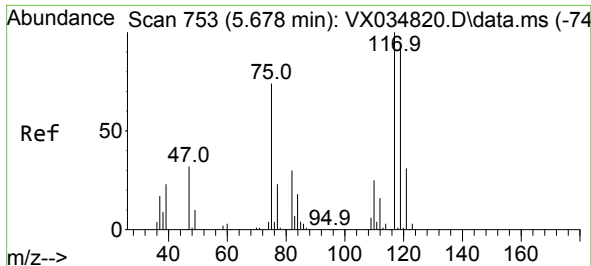
Tgt Ion:113 Resp: 153236
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 18.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034927.D
Acq: 03 Apr 2023 13:14

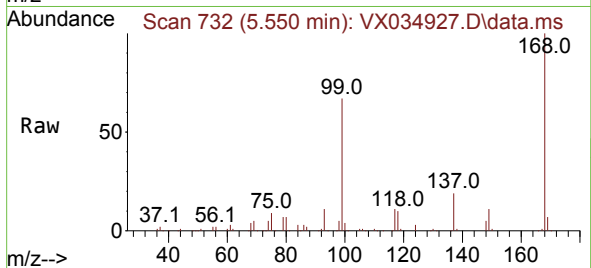
Tgt Ion: 75 Resp: 24168
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



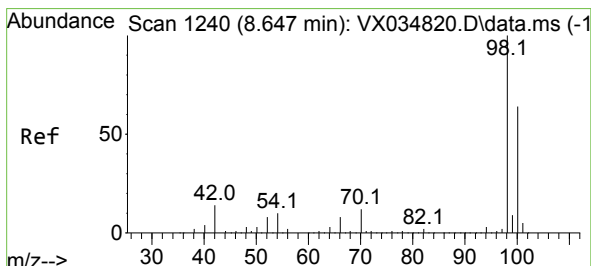
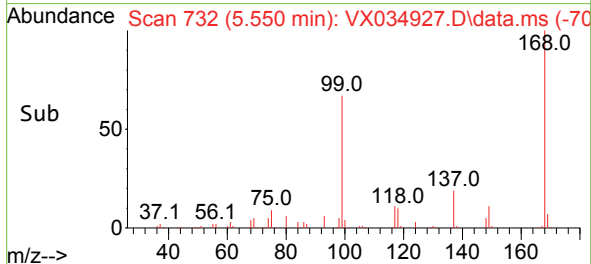
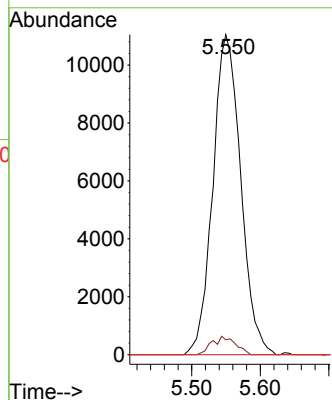


#38
Carbon Tetrachloride
Concen: 7.024 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034927.D
Acq: 03 Apr 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

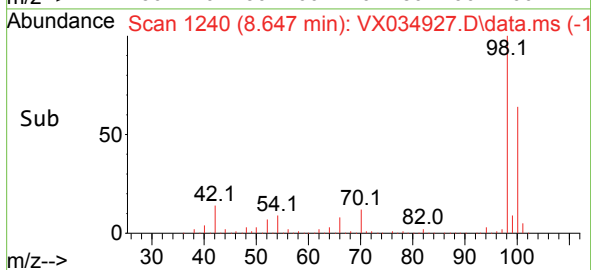
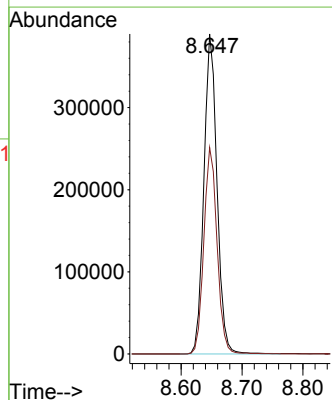
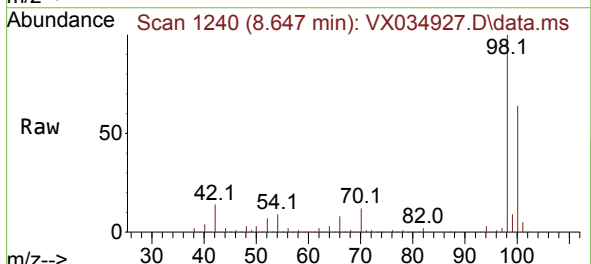


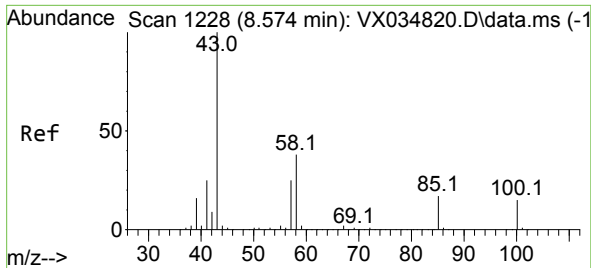
Tgt Ion:117 Resp: 31151
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.699 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034927.D
Acq: 03 Apr 2023 13:14

Tgt Ion: 98 Resp: 582421
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

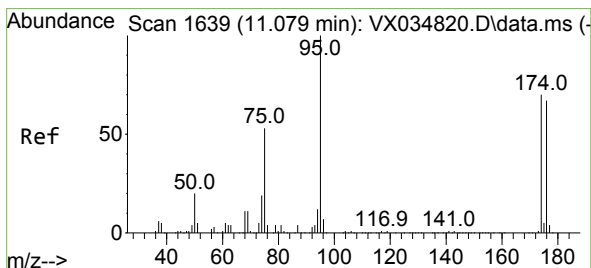
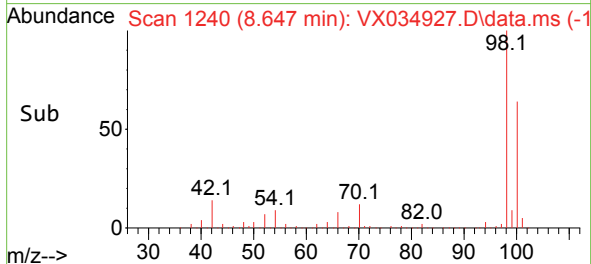
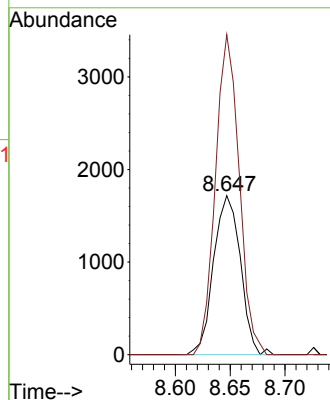
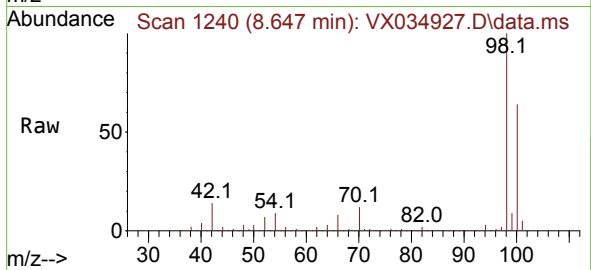




#51
 4-Methyl-2-Pentanone
 Concen: 0.600 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.073 min
 Lab File: VX034927.D
 Acq: 03 Apr 2023 13:14

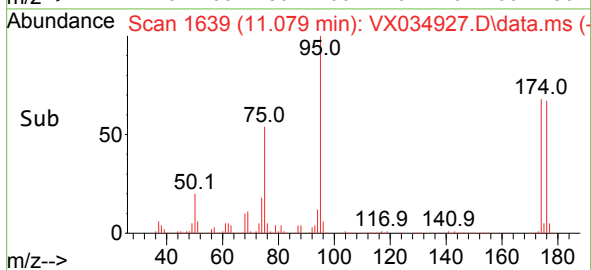
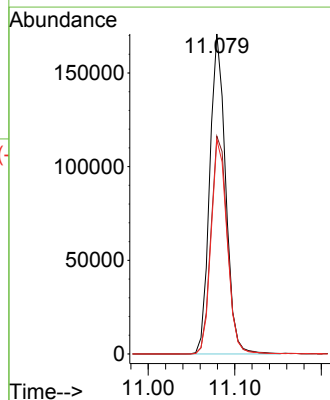
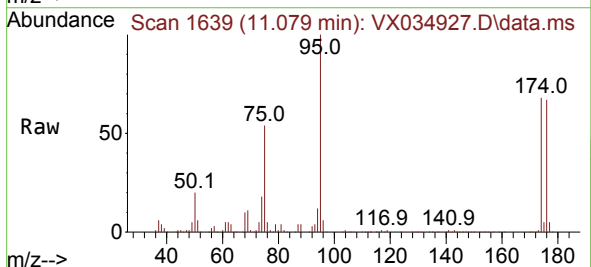
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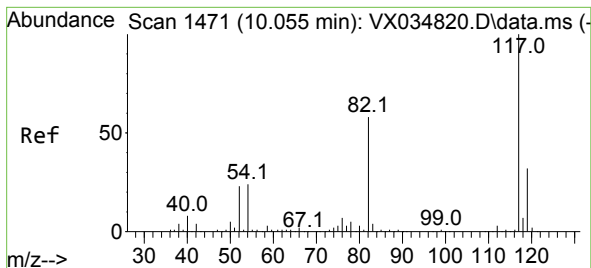
Tgt Ion: 43 Resp: 2921
 Ion Ratio Lower Upper
 43 100
 58 178.6 30.6 46.0#



#62
 4-Bromofluorobenzene
 Concen: 47.981 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX034927.D
 Acq: 03 Apr 2023 13:14

Tgt Ion: 95 Resp: 217590
 Ion Ratio Lower Upper
 95 100
 174 70.5 0.0 147.4
 176 67.6 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034927.D

Acq: 03 Apr 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

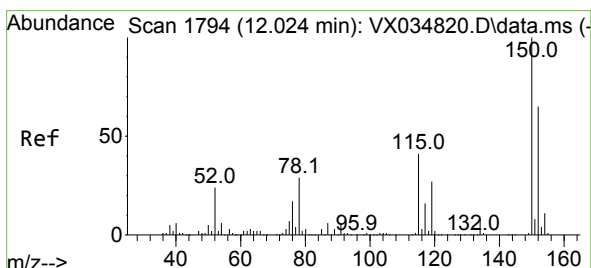
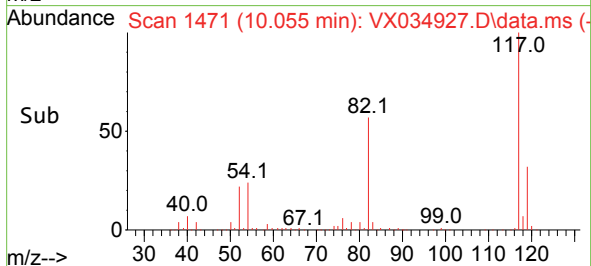
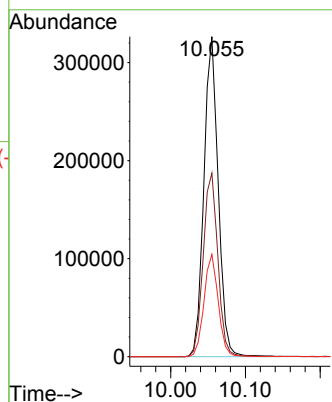
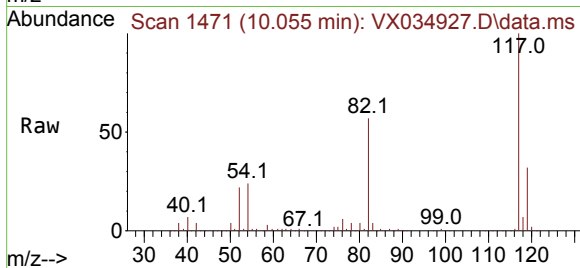
Tgt Ion:117 Resp: 433705

Ion Ratio Lower Upper

117 100

82 57.4 45.0 67.4

119 32.0 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034927.D

Acq: 03 Apr 2023 13:14

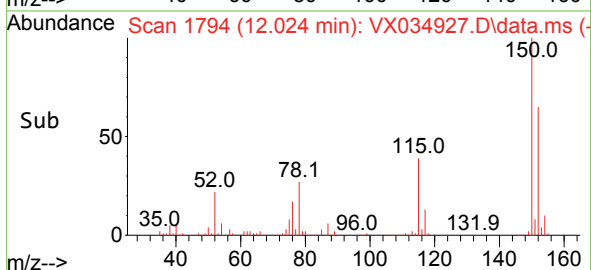
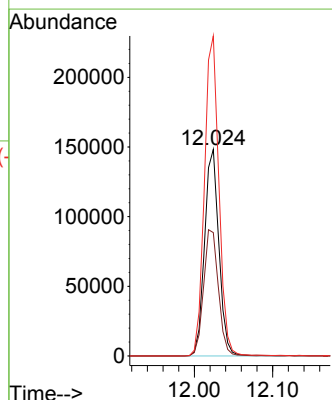
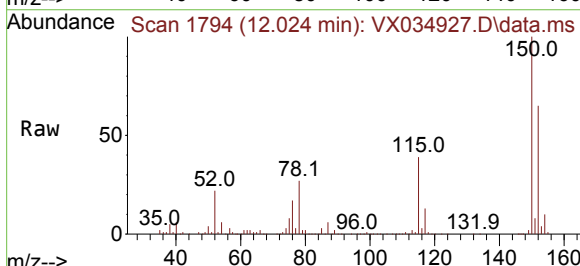
Tgt Ion:152 Resp: 188272

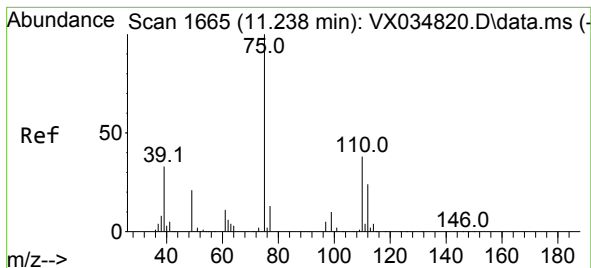
Ion Ratio Lower Upper

152 100

115 63.3 45.0 135.0

150 155.6 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 30.340 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034927.D

Acq: 03 Apr 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

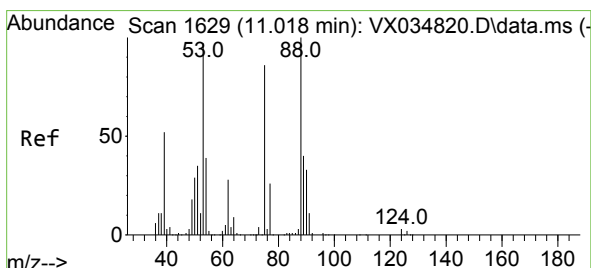
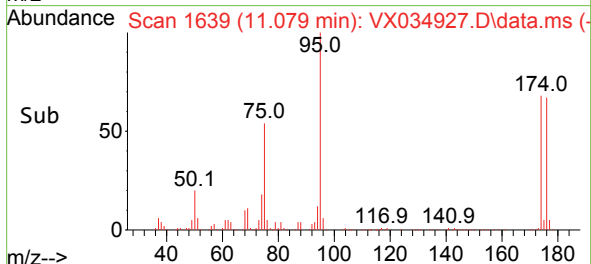
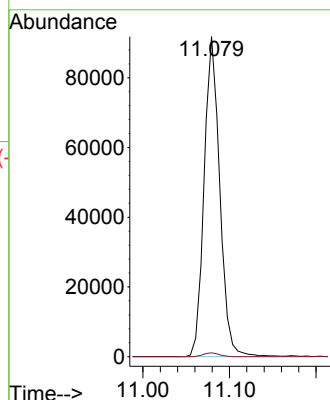
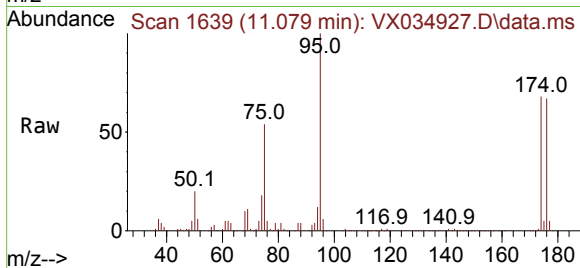
TRIP-BLANK

Tgt Ion: 75 Resp: 115097

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.927 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034927.D

Acq: 03 Apr 2023 13:14

Tgt Ion: 75 Resp: 115097

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

