

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
 Data File : VX036388.D
 Acq On : 30 Jun 2023 12:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 01 01:20:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

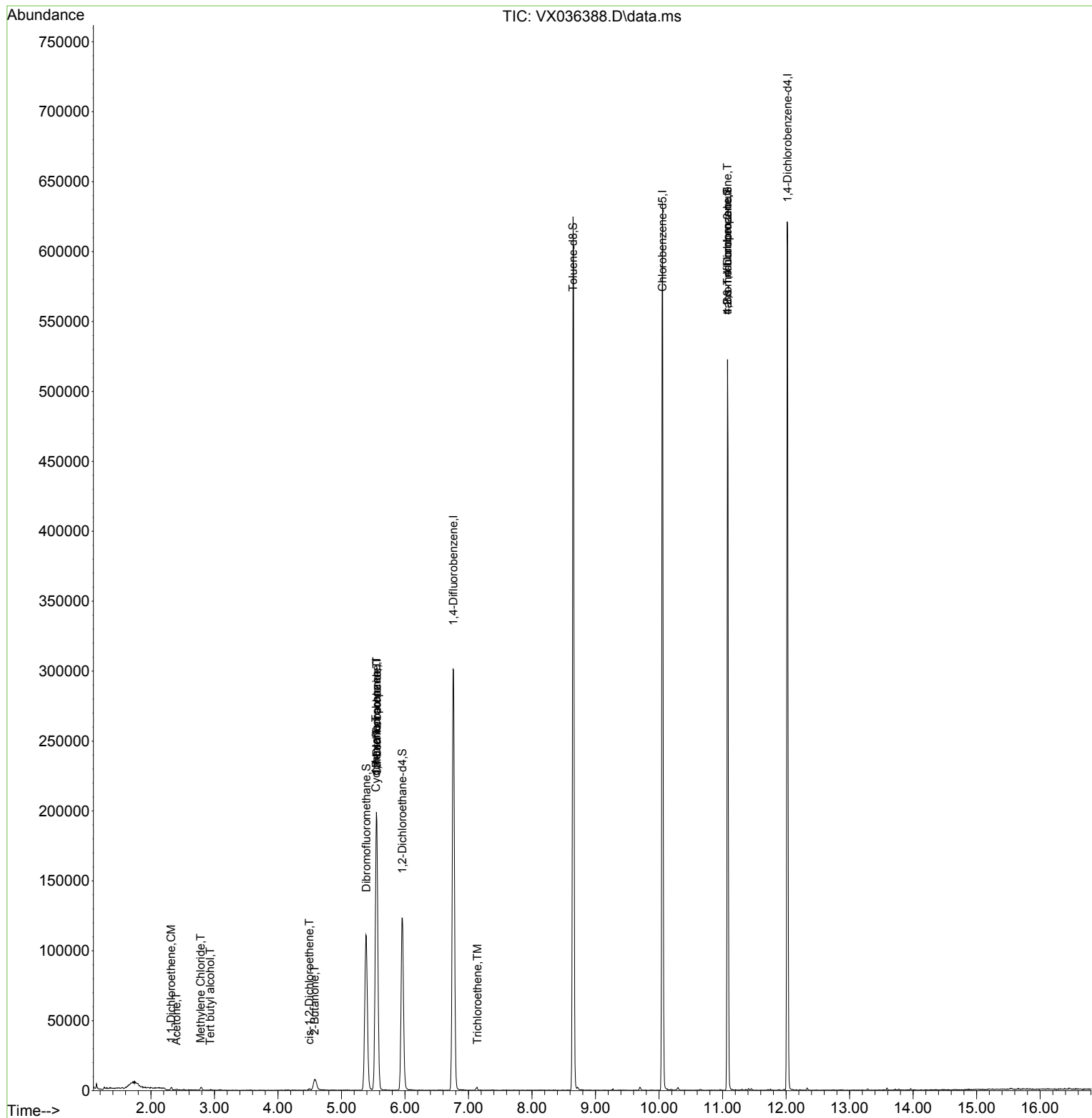
Internal Standards						
1) Pentafluorobenzene	5.550	168	189849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	313511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119097	43.764	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.520%		
35) Dibromofluoromethane	5.391	113	98285	47.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	8.647	98	374610	48.518	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.040%		
62) 4-Bromofluorobenzene	11.079	95	134876	49.594	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.180%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	263	0.531	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	778	0.361	ug/l #	71
16) Acetone	2.398	43	738	0.634	ug/l #	87
20) Methylene Chloride	2.782	84	1202	0.480	ug/l #	83
25) 2-Butanone	4.574	43	380	0.227	ug/l #	51
27) cis-1,2-Dichloroethene	4.495	96	727	0.282	ug/l	64
31) Cyclohexane	5.544	56	3988	1.144	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15387	4.993	ug/l #	51
38) Carbon Tetrachloride	5.556	117	18866	6.703	ug/l #	15
44) Trichloroethene	7.141	130	692	0.289	ug/l	52
76) 1,2,3-Trichloropropane	11.079	75	67551	24.386	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	67551	79.491	ug/l #	5

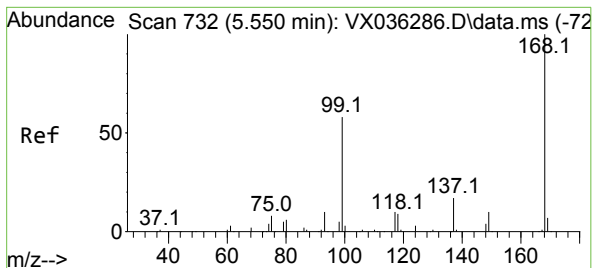
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
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Quant Time: Jul 01 01:20:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

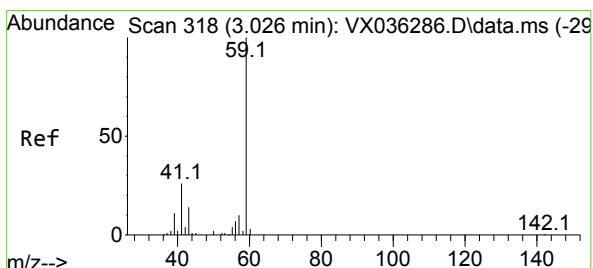
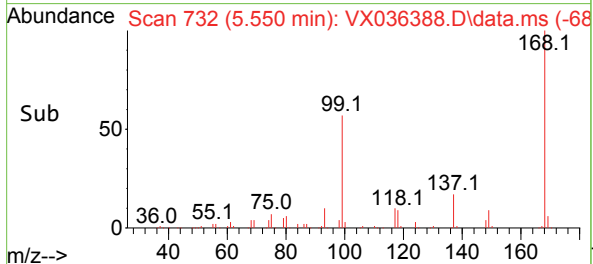
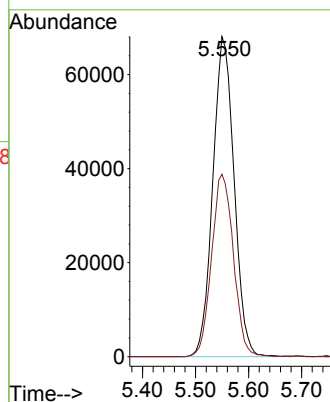
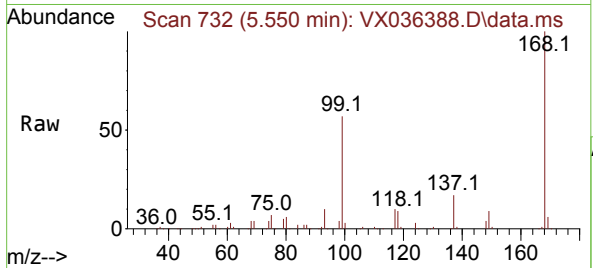




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

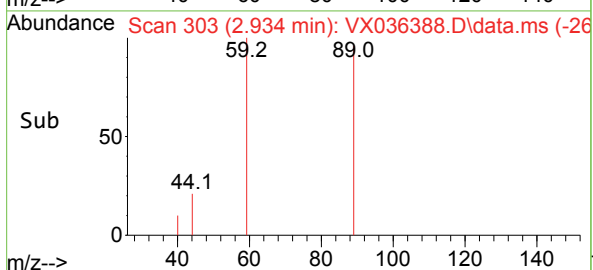
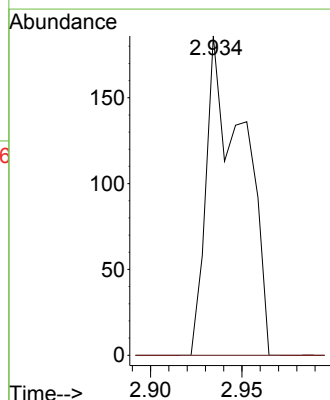
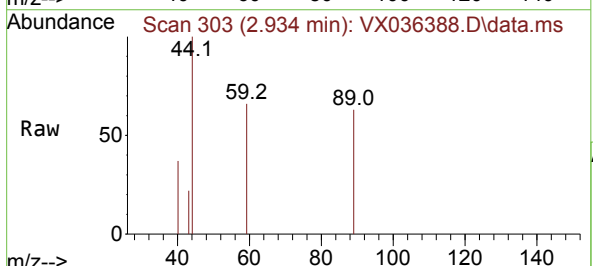
Instrument :
MSVOA_X
ClientSampleId :
IBLK

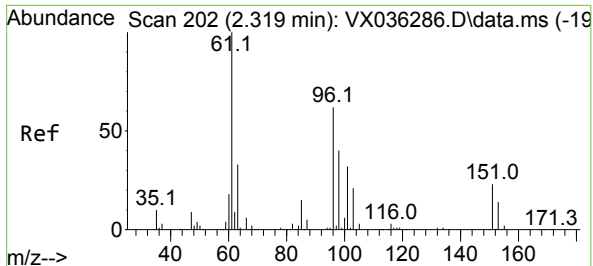
Tgt Ion:168 Resp: 189849
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.531 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.079 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.361 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX036388.D

Acq: 30 Jun 2023 12:39

Instrument :

MSVOA_X

ClientSampleId :

IBLK

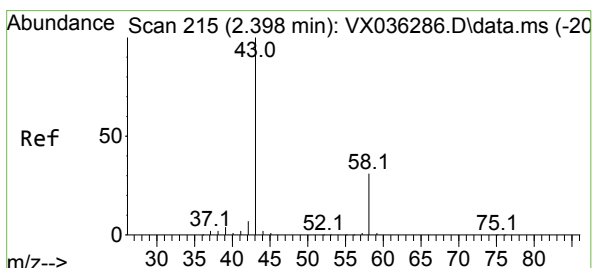
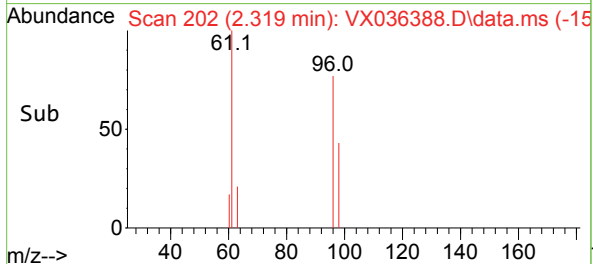
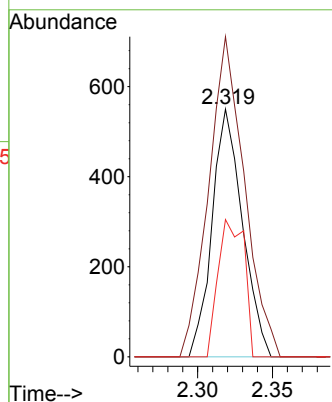
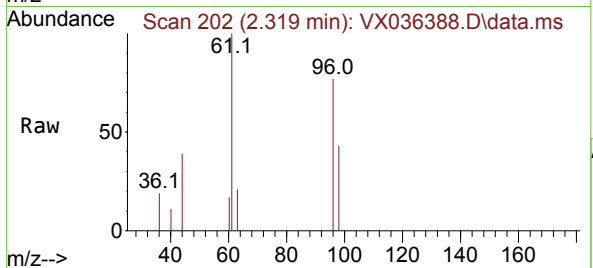
Tgt Ion: 96 Resp: 778

Ion Ratio Lower Upper

96 100

61 129.3 144.6 216.8#

98 55.5 50.4 75.6



#16

Acetone

Concen: 0.634 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX036388.D

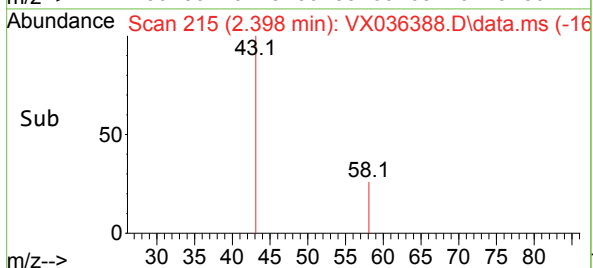
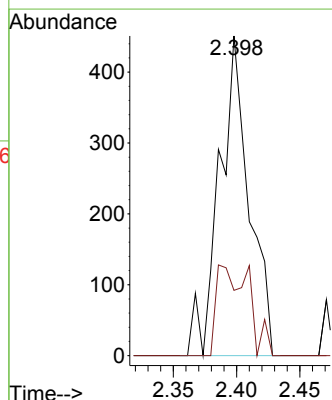
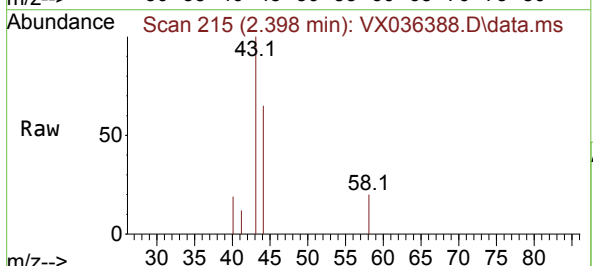
Acq: 30 Jun 2023 12:39

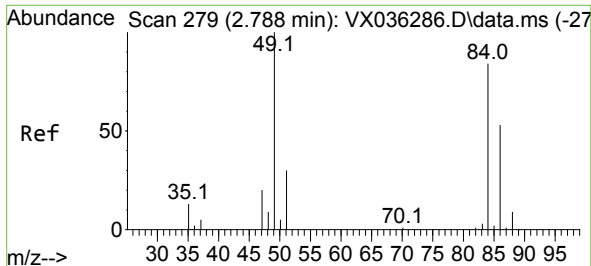
Tgt Ion: 43 Resp: 738

Ion Ratio Lower Upper

43 100

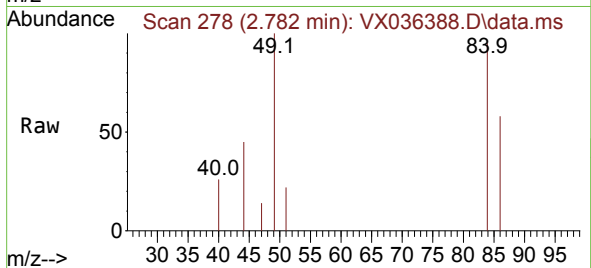
58 20.4 21.9 32.9#



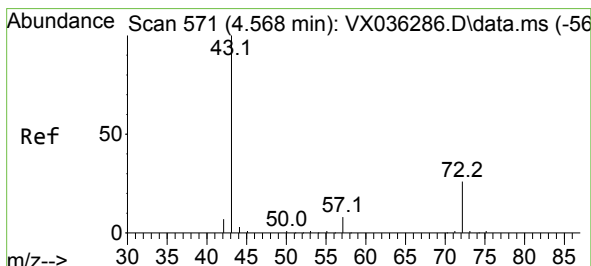
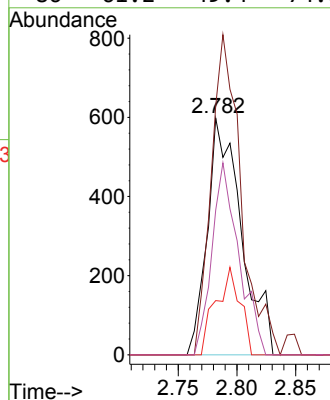
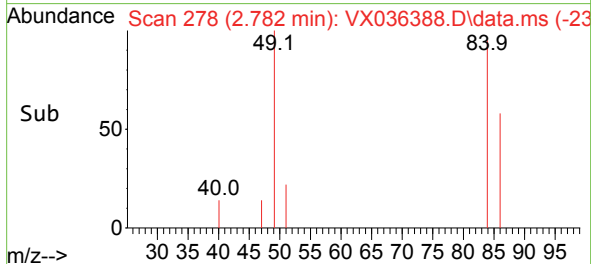


#20
Methylene Chloride
Concen: 0.480 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

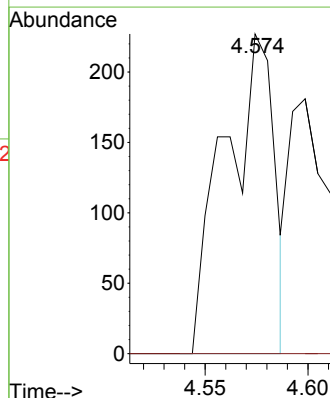
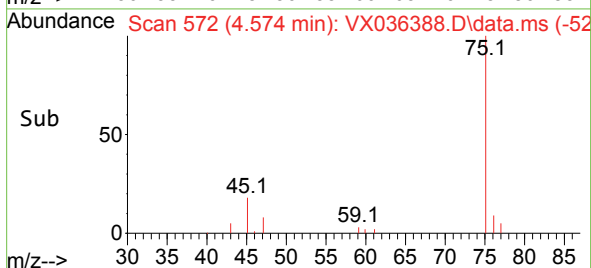
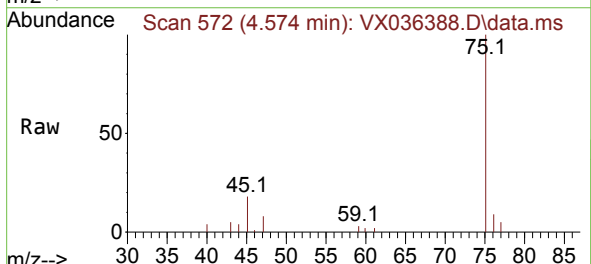


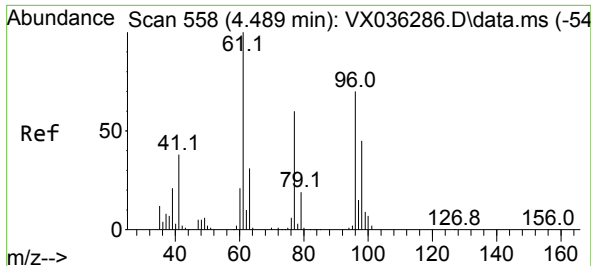
Tgt Ion: 84	Resp: 1202
Ion Ratio	Lower Upper
84 100	
49 105.2	103.6 155.4
51 22.9	33.8 50.6#
86 61.2	49.4 74.0



#25
2-Butanone
Concen: 0.227 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

Tgt Ion: 43	Resp: 380		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	19.4	29.2#	





#27

cis-1,2-Dichloroethene

Concen: 0.282 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036388.D

Acq: 30 Jun 2023 12:39

Instrument :

MSVOA_X

ClientSampleId :

IBLK

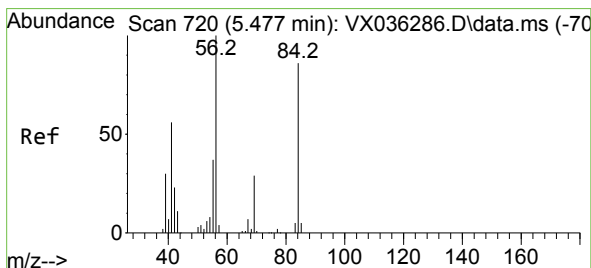
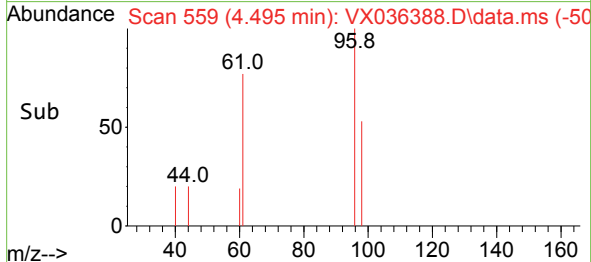
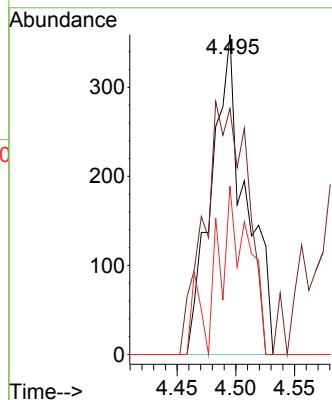
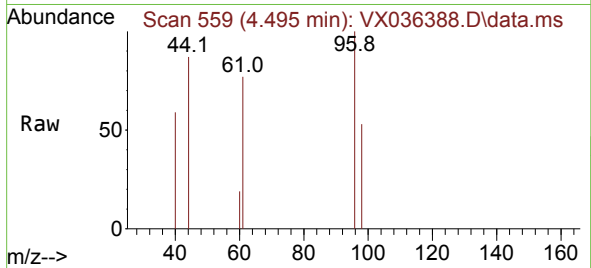
Tgt Ion: 96 Resp: 727

Ion Ratio Lower Upper

96 100

61 98.6 0.0 312.2

98 50.9 0.0 129.0



#31

Cyclohexane

Concen: 1.144 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.074 min

Lab File: VX036388.D

Acq: 30 Jun 2023 12:39

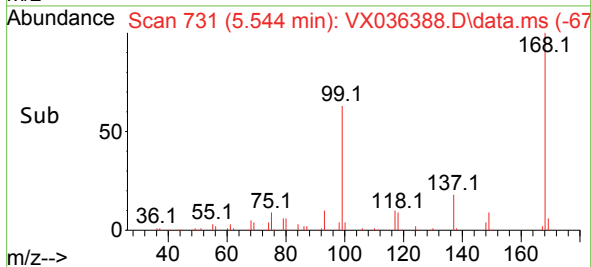
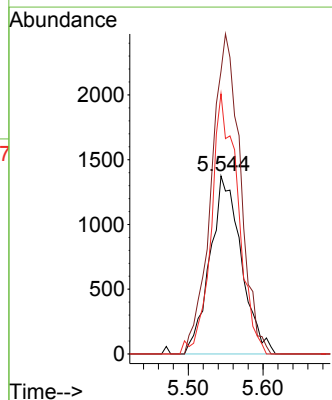
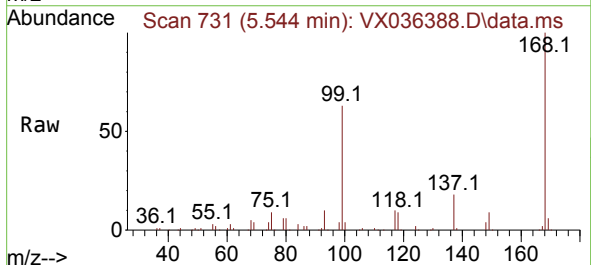
Tgt Ion: 56 Resp: 3988

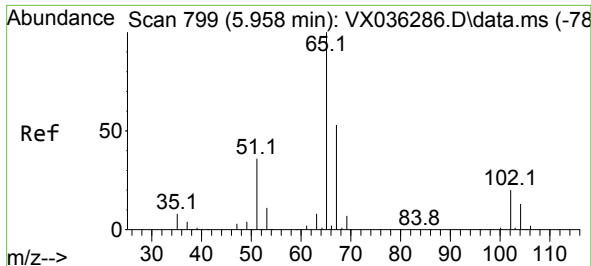
Ion Ratio Lower Upper

56 100

69 158.9 23.4 35.2#

84 146.2 65.9 98.9#

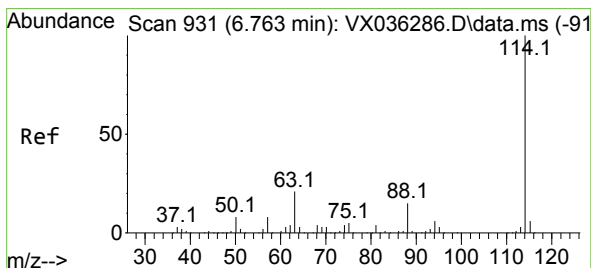
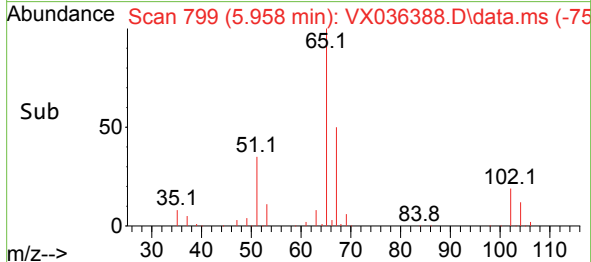
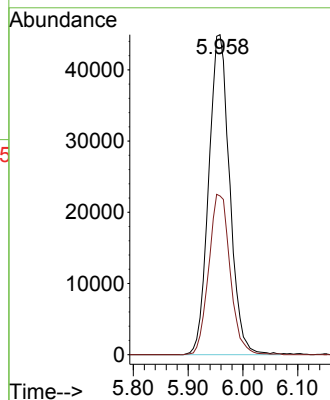
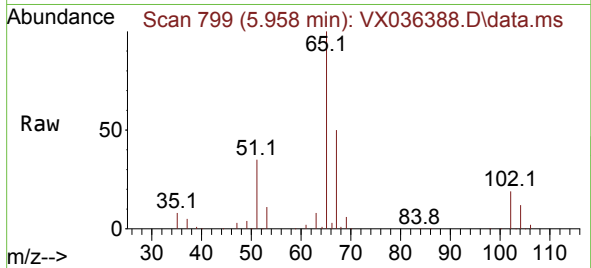




#33
1,2-Dichloroethane-d4
Concen: 43.764 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

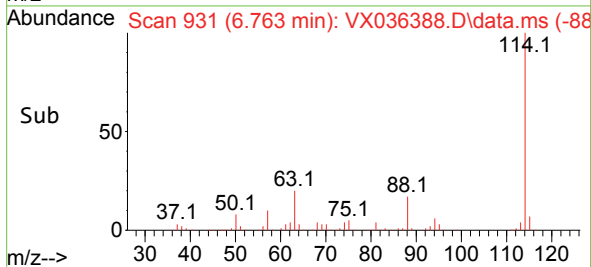
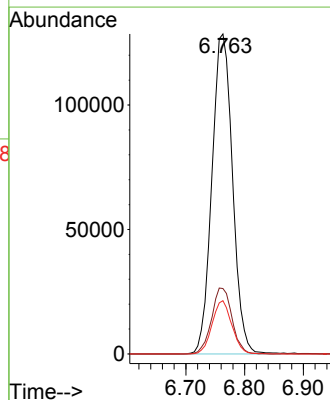
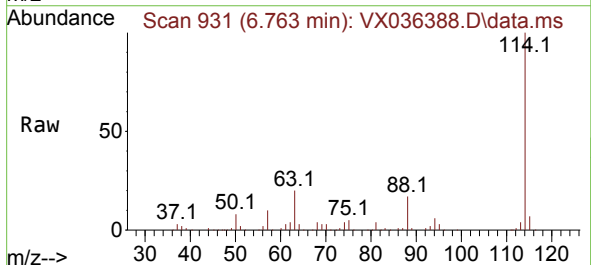
Instrument :
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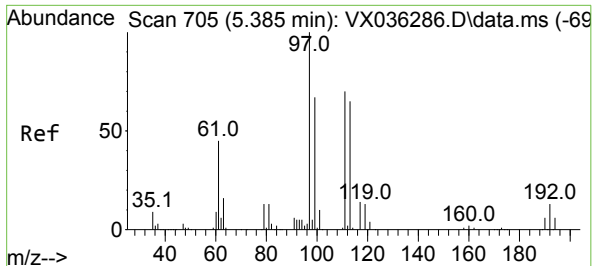
Tgt Ion: 65 Resp: 119097
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

Tgt Ion: 114 Resp: 313511
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.6 0.0 36.6

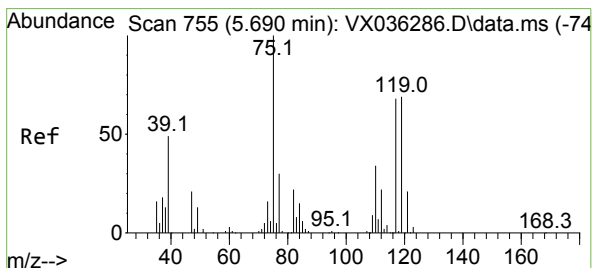
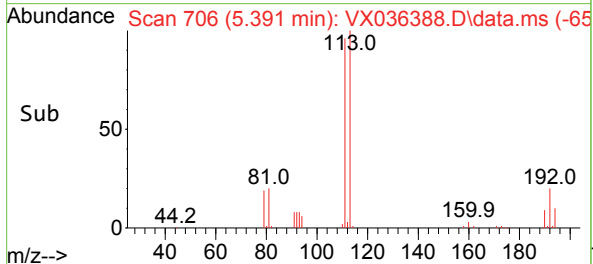
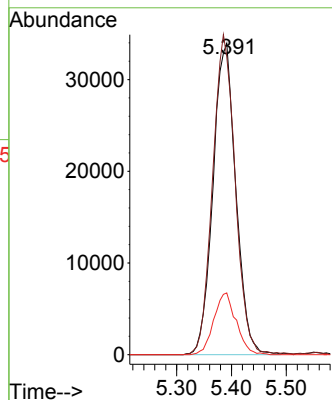
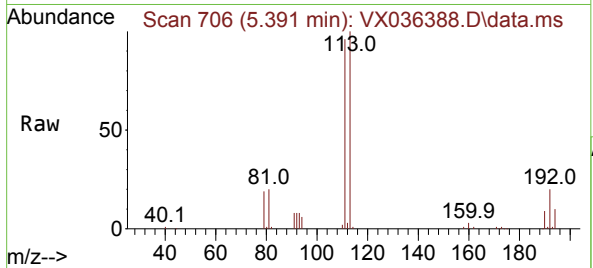




#35
Dibromofluoromethane
Concen: 47.545 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

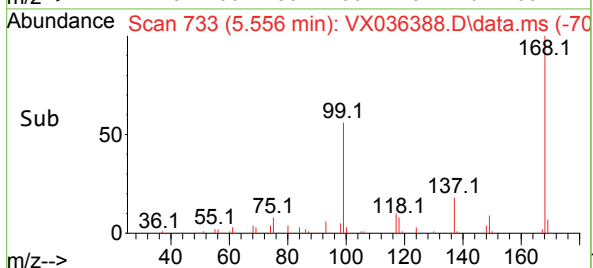
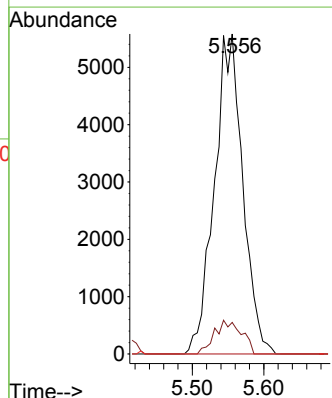
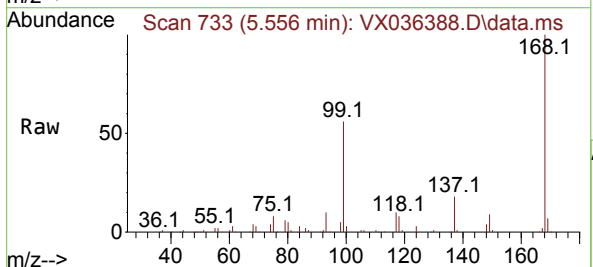
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IBLK

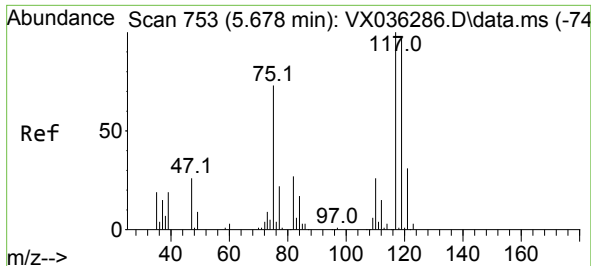
Tgt Ion:113 Resp: 98285
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 19.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

Tgt Ion: 75 Resp: 15387
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#

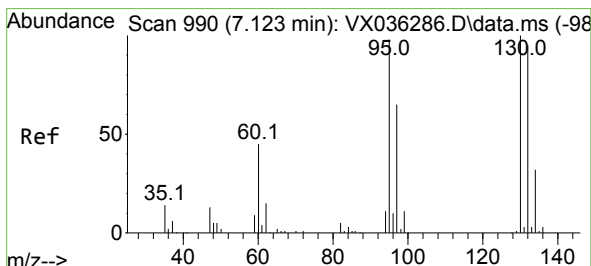
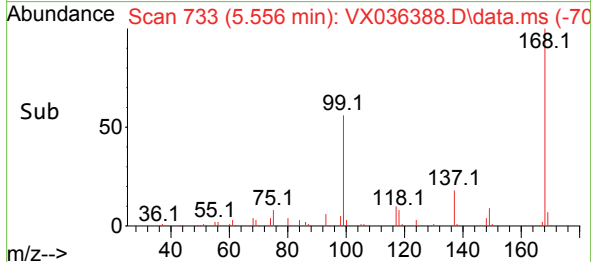
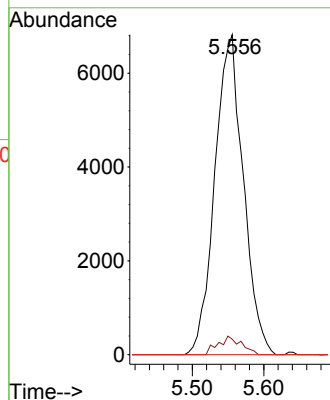
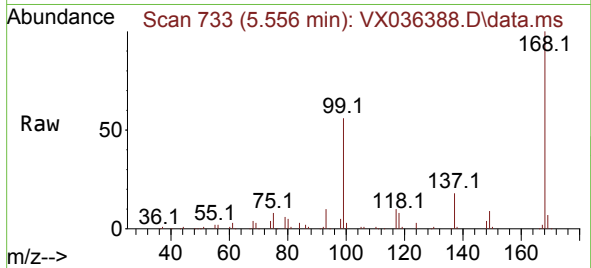




#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

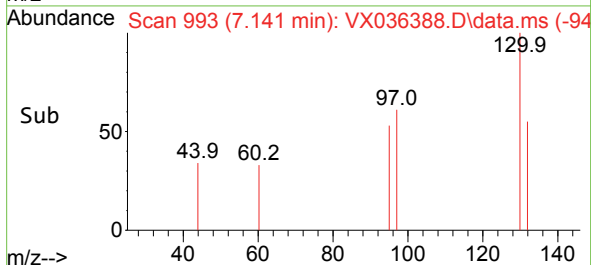
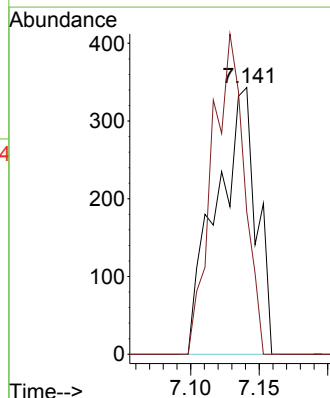
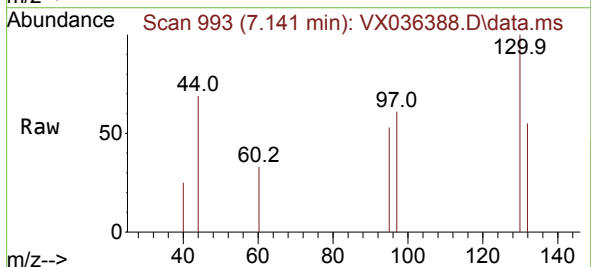
Instrument :
MSVOA_X
ClientSampleId :
IBLK

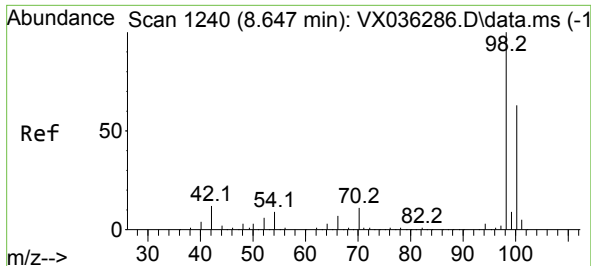
Tgt Ion:117 Resp: 18866
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.289 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.019 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

Tgt Ion:130 Resp: 692
Ion Ratio Lower Upper
130 100
95 53.4 0.0 204.4

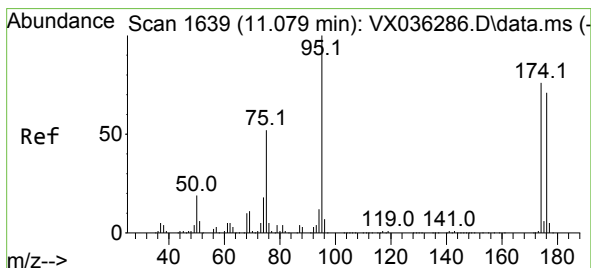
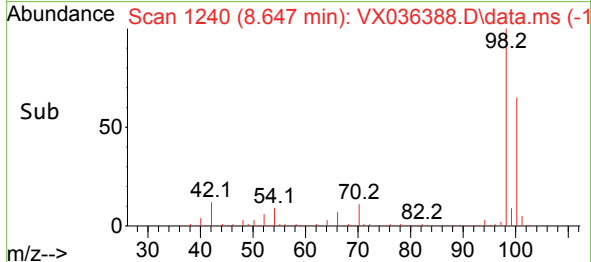
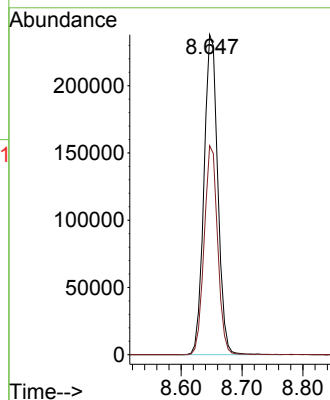
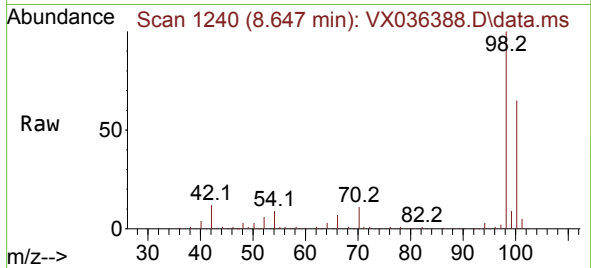




#50
Toluene-d8
Concen: 48.518 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

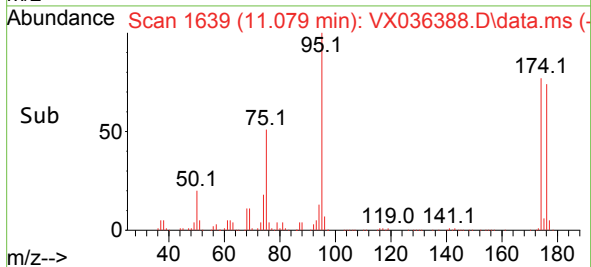
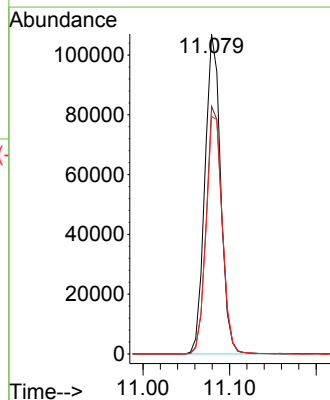
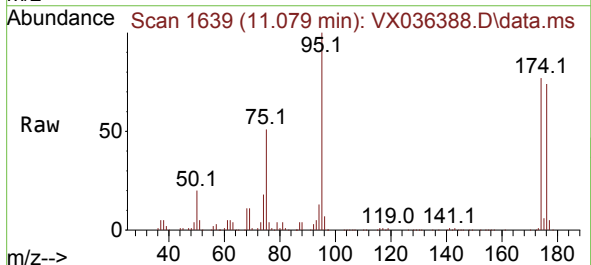
Instrument :
MSVOA_X
ClientSampleId :
IBLK

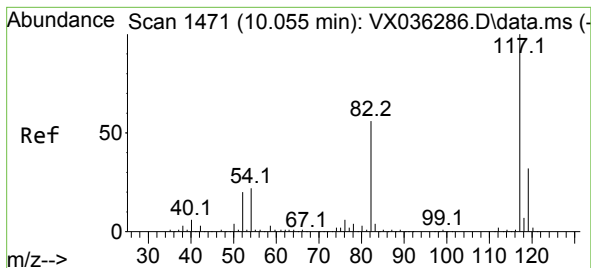
Tgt Ion: 98 Resp: 374610
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.594 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036388.D
Acq: 30 Jun 2023 12:39

Tgt Ion: 95 Resp: 134876
Ion Ratio Lower Upper
95 100
174 77.5 0.0 135.6
176 76.9 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036388.D

Acq: 30 Jun 2023 12:39

Instrument :

MSVOA_X

ClientSampleId :

IBLK

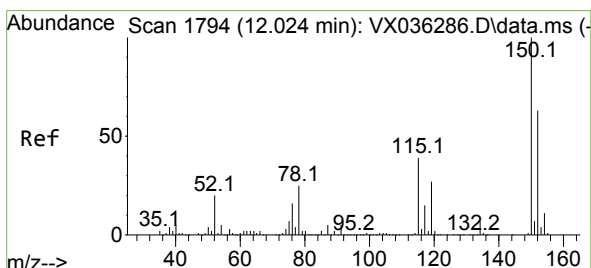
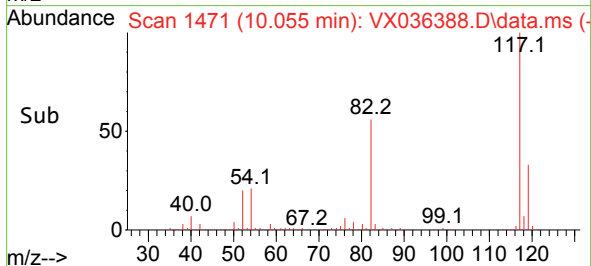
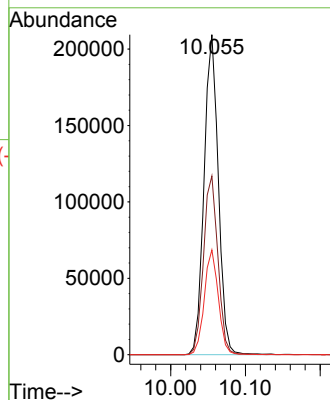
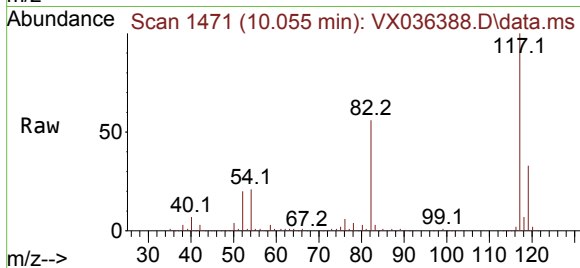
Tgt Ion:117 Resp: 277423

Ion Ratio Lower Upper

117 100

82 55.9 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. 0.000 min

Lab File: VX036388.D

Acq: 30 Jun 2023 12:39

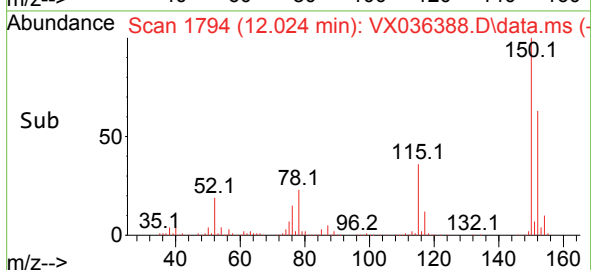
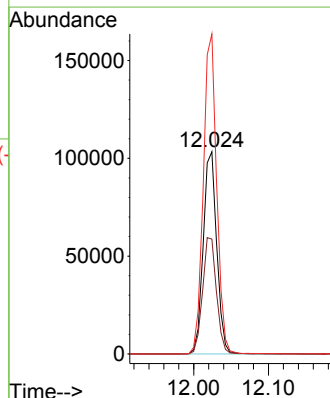
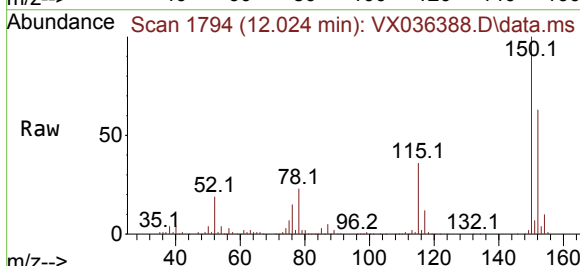
Tgt Ion:152 Resp: 129867

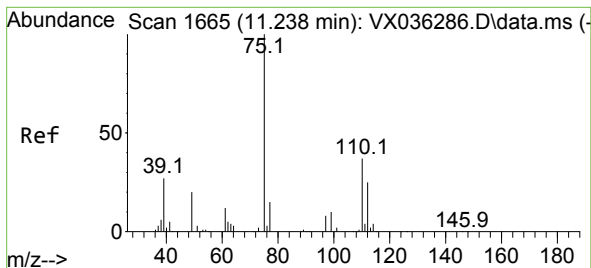
Ion Ratio Lower Upper

152 100

115 59.0 43.3 129.9

150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.386 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036388.D

Acq: 30 Jun 2023 12:39

Instrument :

MSVOA_X

ClientSampleId :

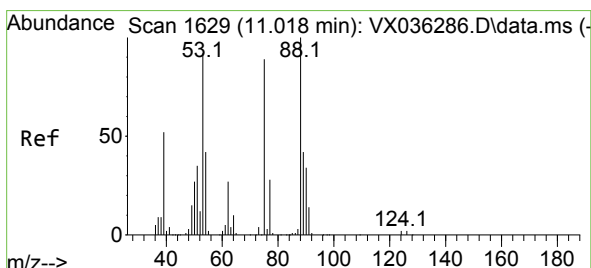
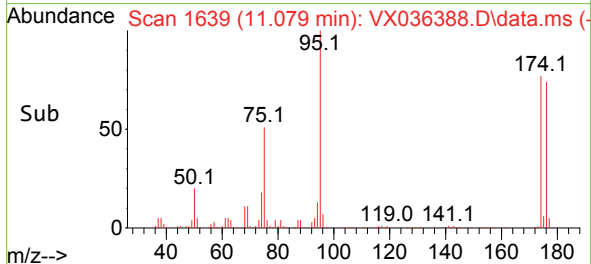
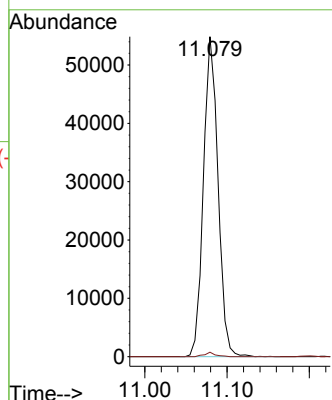
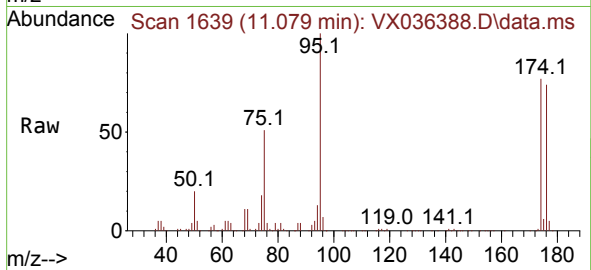
IBLK

Tgt Ion: 75 Resp: 67551

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.491 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036388.D

Acq: 30 Jun 2023 12:39

Tgt Ion: 75 Resp: 67551

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

