

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036724.D
 Acq On : 31 Jul 2023 16:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 01 04:39:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

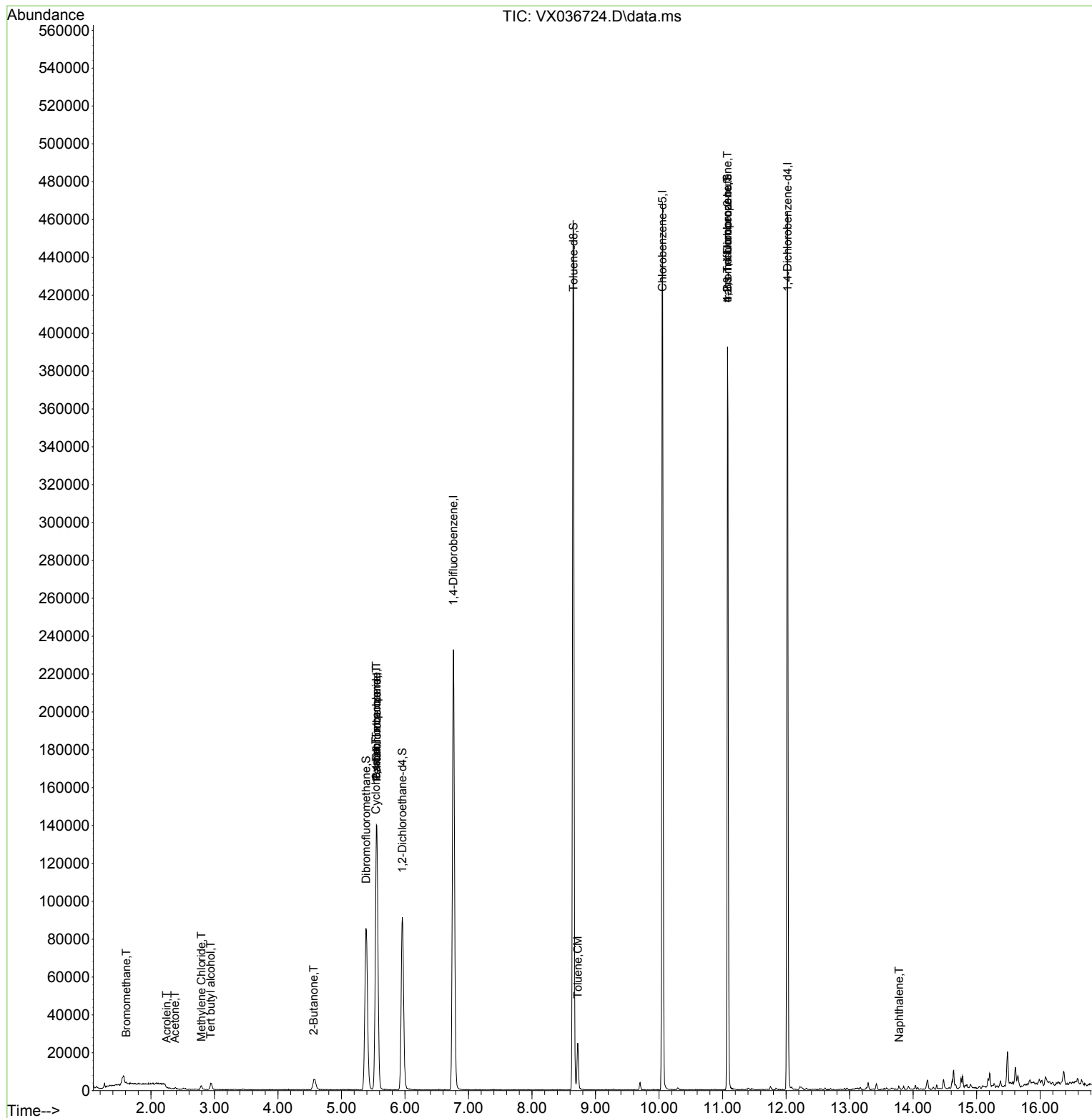
Internal Standards						
1) Pentafluorobenzene	5.556	168	131971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88980	45.568	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.140%		
35) Dibromofluoromethane	5.385	113	76523	47.225	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.440%		
50) Toluene-d8	8.653	98	282006	49.076	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.160%		
62) 4-Bromofluorobenzene	11.079	95	105363	48.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.200%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	200	0.208	ug/l	85
11) Tert butyl alcohol	2.940	59	2051	4.437	ug/l #	78
13) Acrolein	2.245	56	99	0.375	ug/l #	40
16) Acetone	2.380	43	880	1.086	ug/l	98
20) Methylene Chloride	2.794	84	994	0.552	ug/l	92
25) 2-Butanone	4.562	43	300	0.228	ug/l #	51
31) Cyclohexane	5.544	56	3010	1.113	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	10940	4.530	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13643	5.313	ug/l #	15
52) Toluene	8.720	92	9189	2.087	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	54380	23.730	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54380	53.785	ug/l #	5
95) Naphthalene	13.780	128	1524	0.216	ug/l #	94

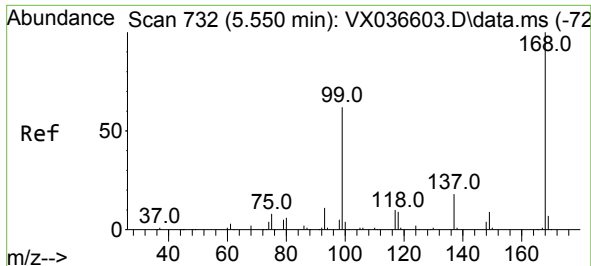
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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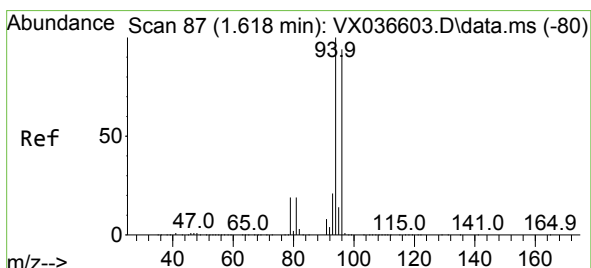
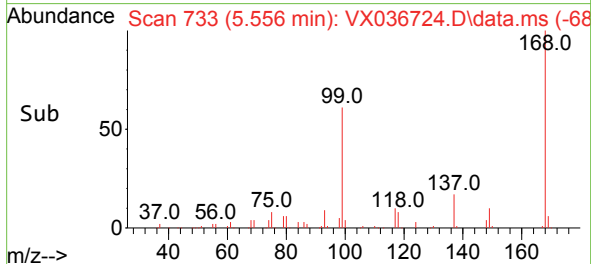
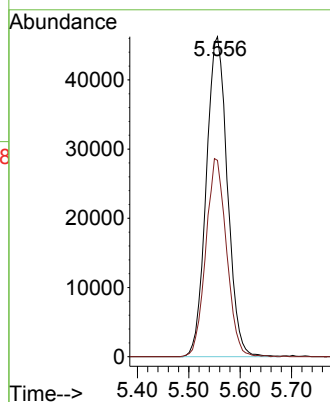
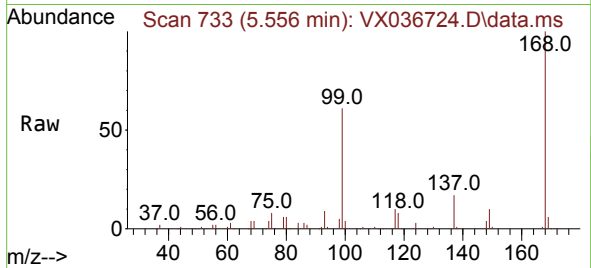




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

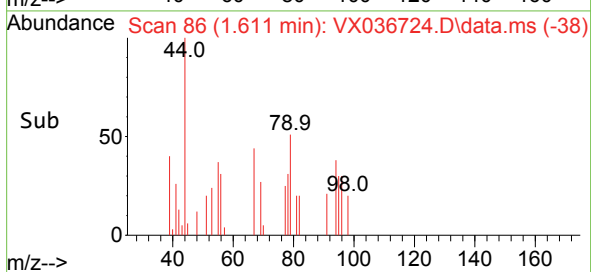
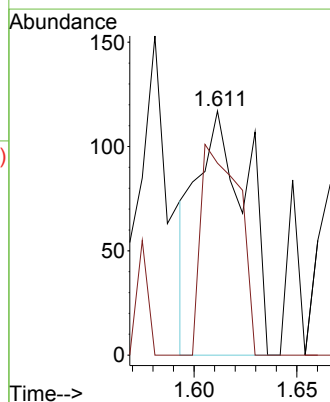
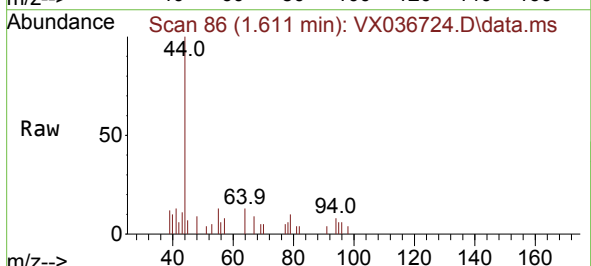
Instrument :
MSVOA_X
ClientSampleId :
IBLK

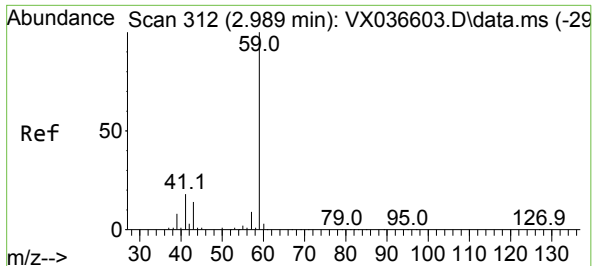
Tgt Ion:168 Resp: 131971
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

Tgt Ion: 94 Resp: 200
Ion Ratio Lower Upper
94 100
96 78.6 74.6 111.8

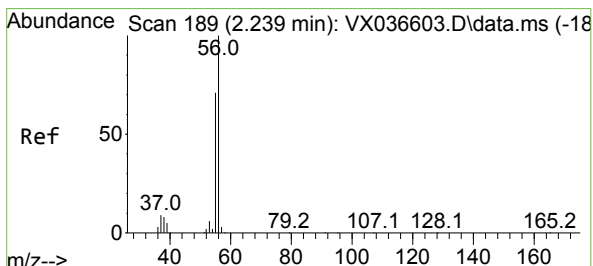
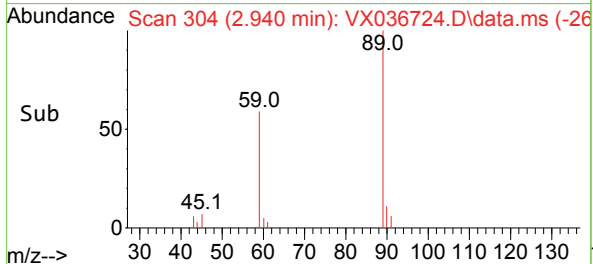
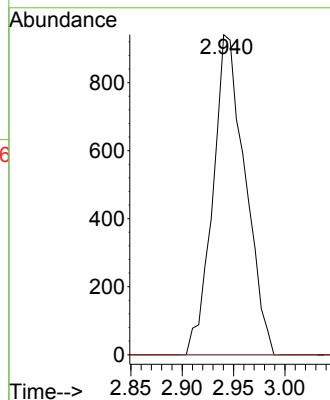
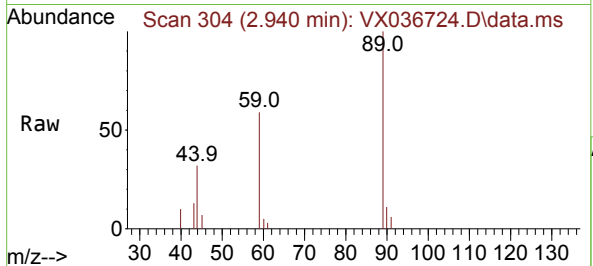




#11
Tert butyl alcohol
Concen: 4.437 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

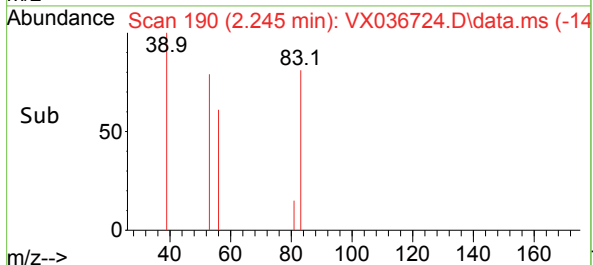
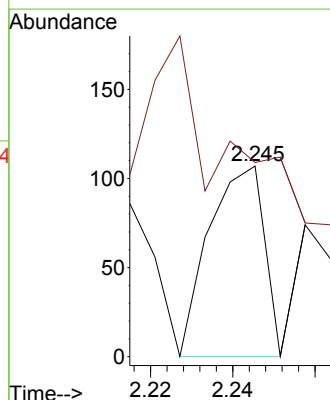
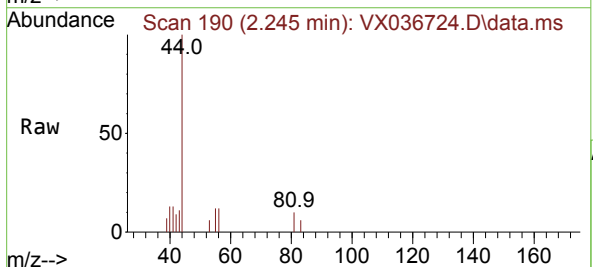
Instrument :
MSVOA_X
ClientSampleId :
IBLK

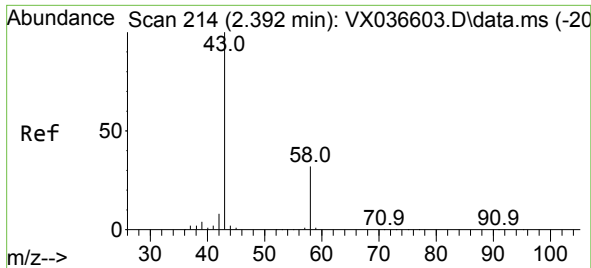
Tgt Ion: 59 Resp: 2051
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.375 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 121.2 57.1 85.7#

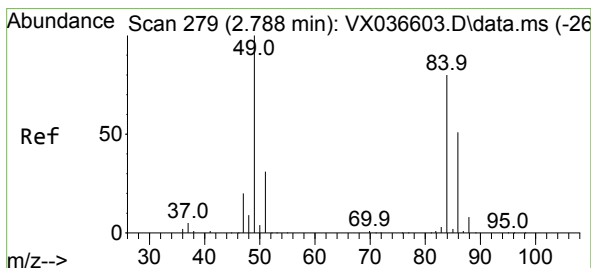
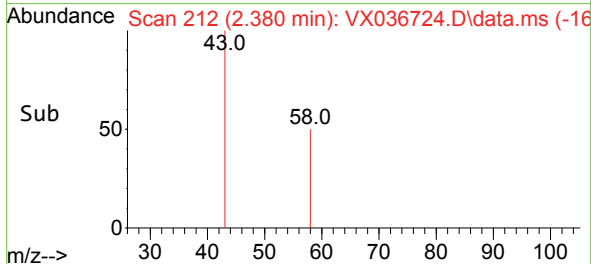
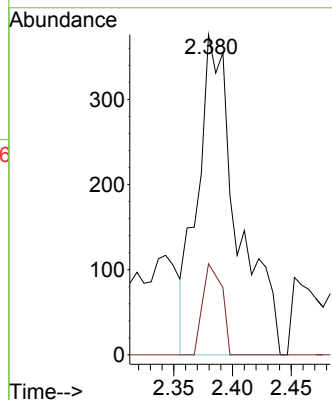
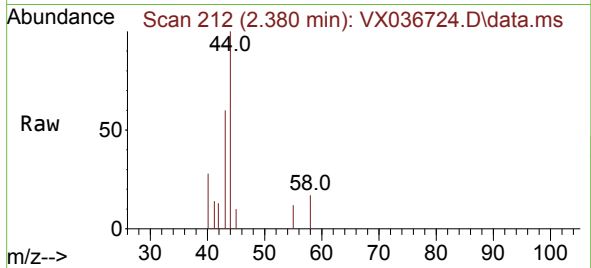




#16
Acetone
Concen: 1.086 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

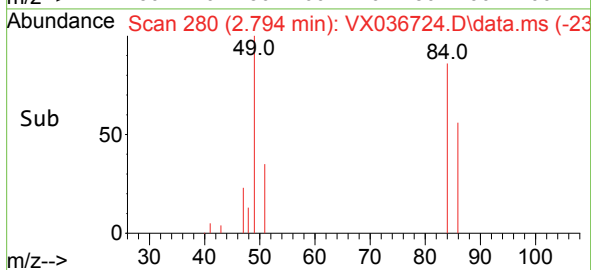
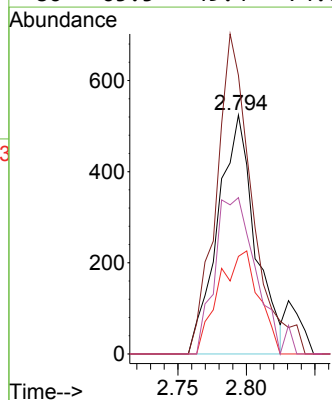
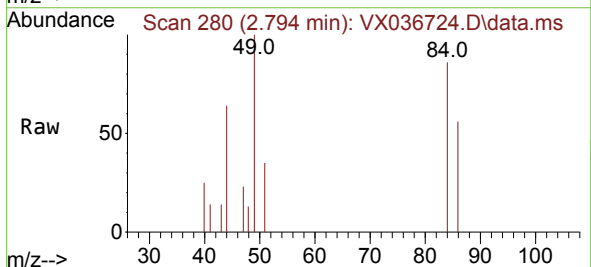
Instrument :
MSVOA_X
ClientSampleId :
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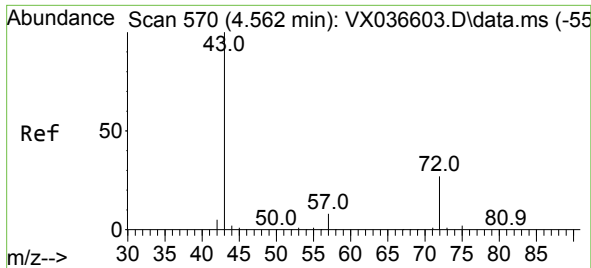
Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.552 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

Tgt Ion: 84 Resp: 994
Ion Ratio Lower Upper
84 100
49 116.6 103.6 155.4
51 40.8 33.8 50.6
86 65.5 49.4 74.0

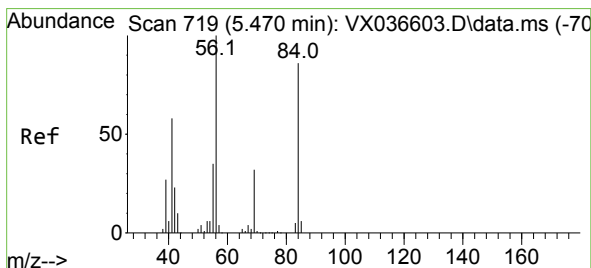
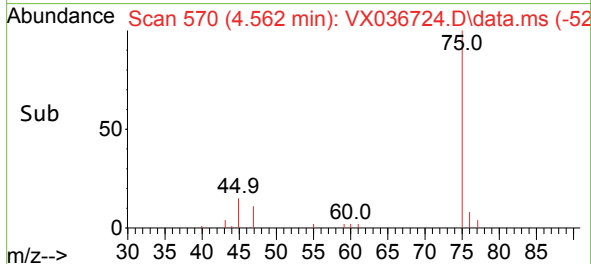
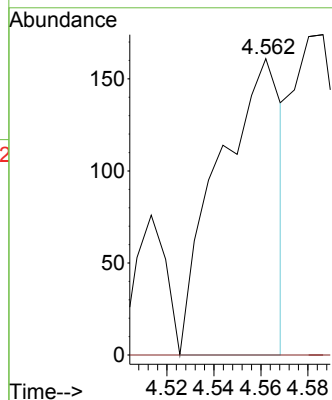
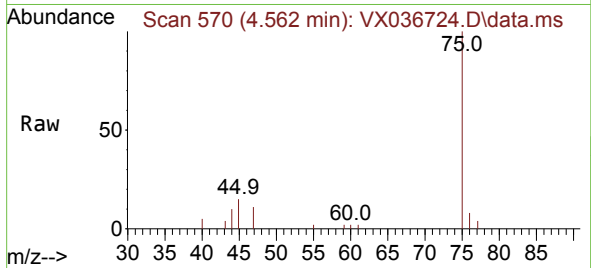




#25
2-Butanone
Concen: 0.228 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

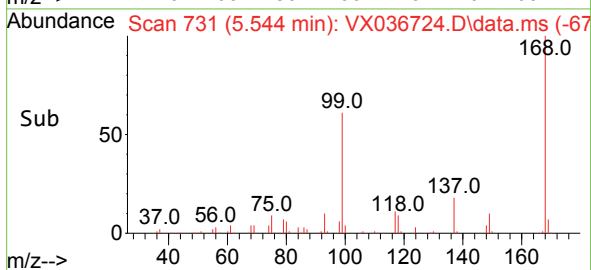
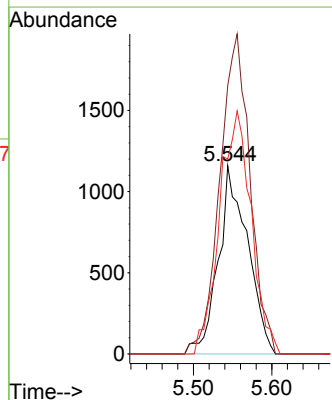
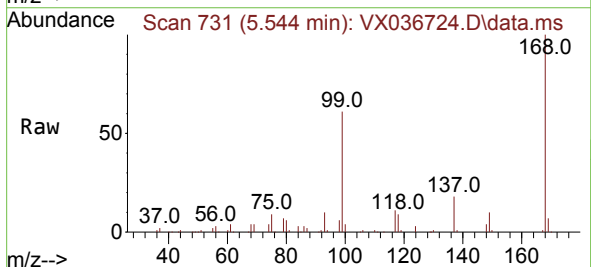
Instrument :
MSVOA_X
ClientSampleId :
IBLK

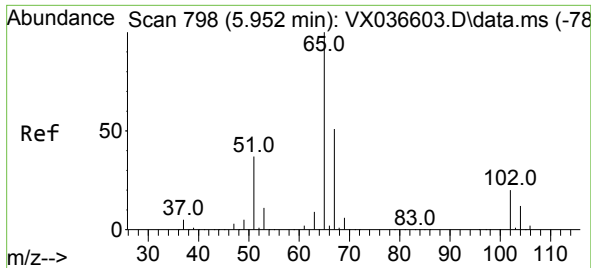
Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.113 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

Tgt Ion: 56 Resp: 3010
Ion Ratio Lower Upper
56 100
69 142.5 23.4 35.2#
84 103.4 65.9 98.9#

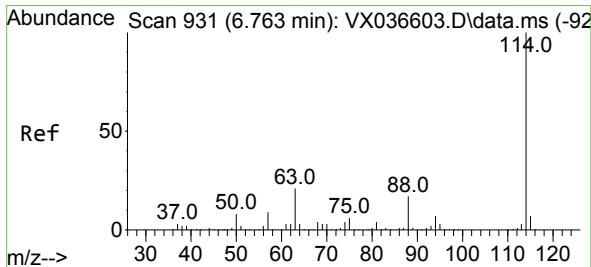
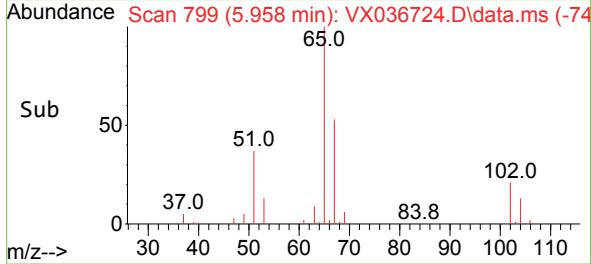
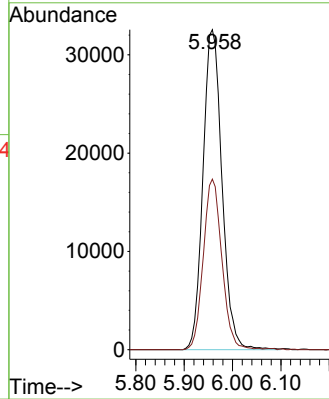
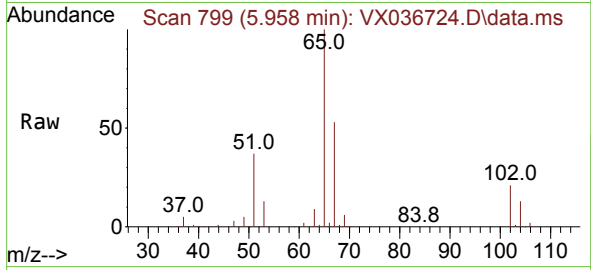




#33
 1,2-Dichloroethane-d4
 Concen: 45.568 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036724.D
 Acq: 31 Jul 2023 16:47

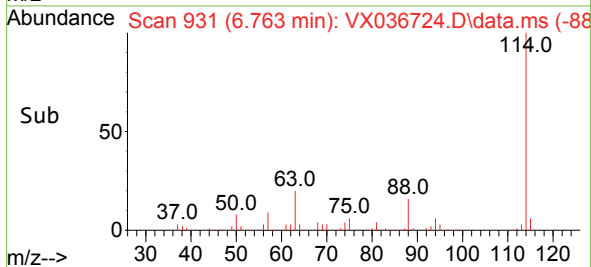
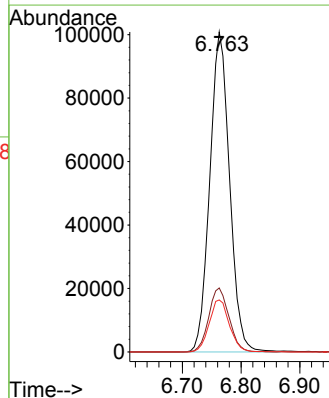
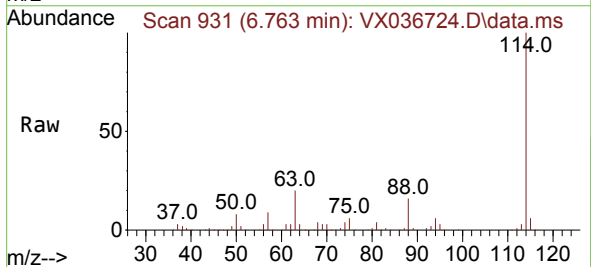
Instrument :
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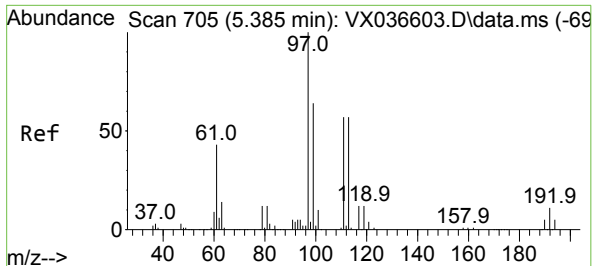
Tgt Ion: 65 Resp: 88980
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036724.D
 Acq: 31 Jul 2023 16:47

Tgt Ion: 114 Resp: 235747
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.0
 88 16.2 0.0 36.6

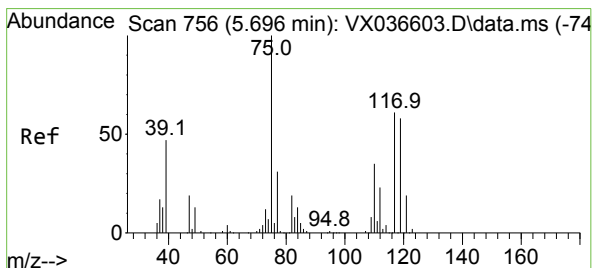
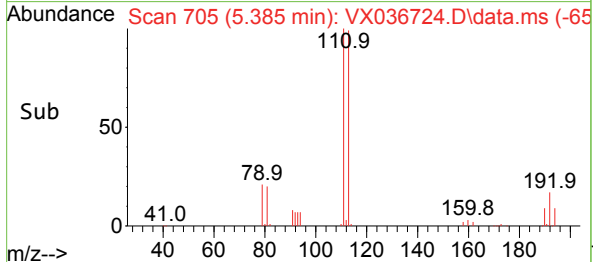
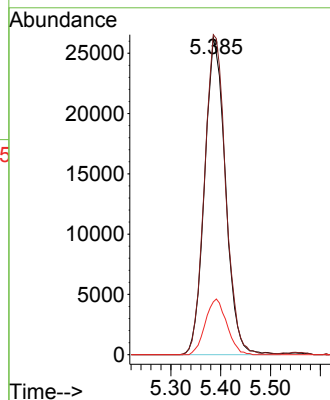
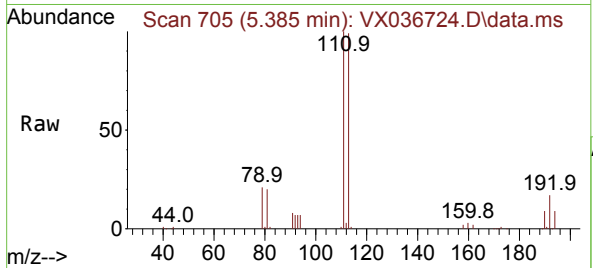




#35
Dibromofluoromethane
Concen: 47.225 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

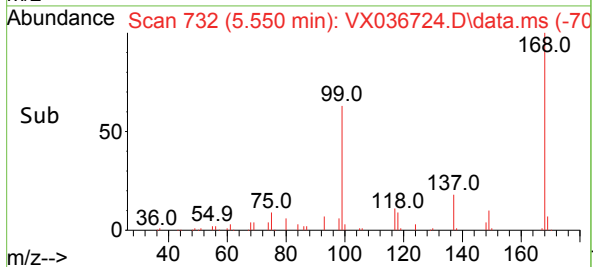
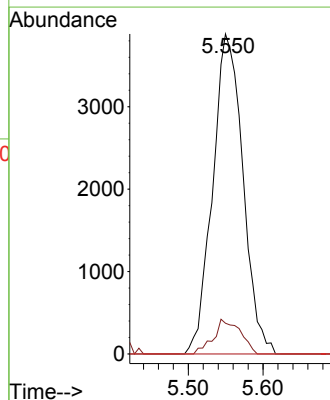
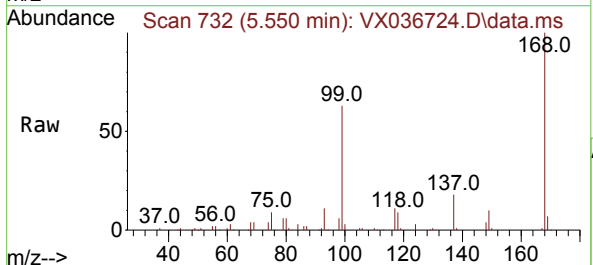
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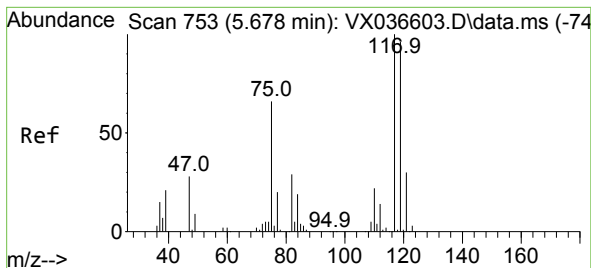
Tgt Ion:113 Resp: 76523
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.530 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

Tgt Ion: 75 Resp: 10940
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.313 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX036724.D

Acq: 31 Jul 2023 16:47

Instrument :

MSVOA_X

ClientSampleId :

IBLK

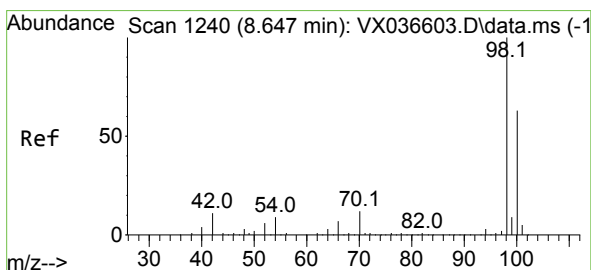
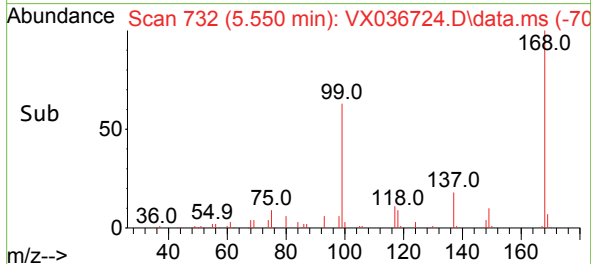
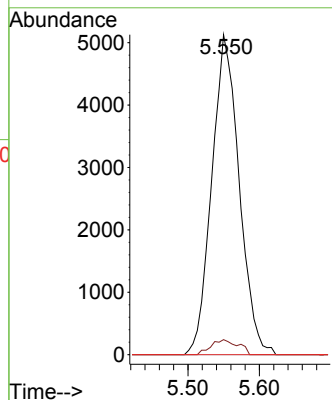
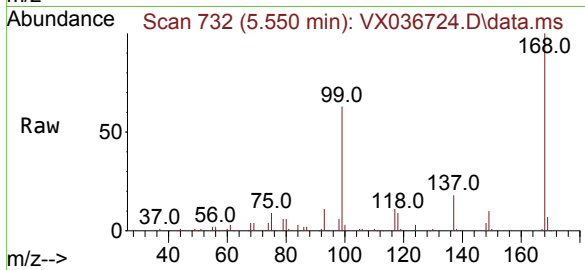
Tgt Ion:117 Resp: 13643

Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.076 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX036724.D

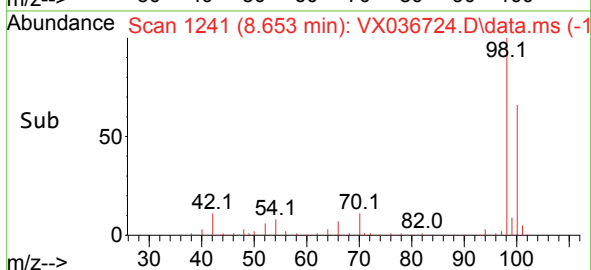
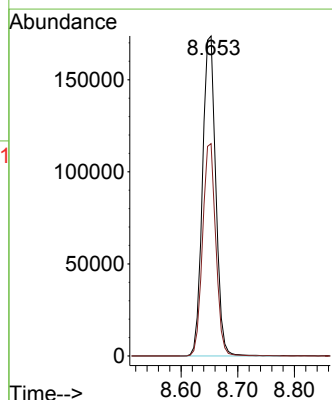
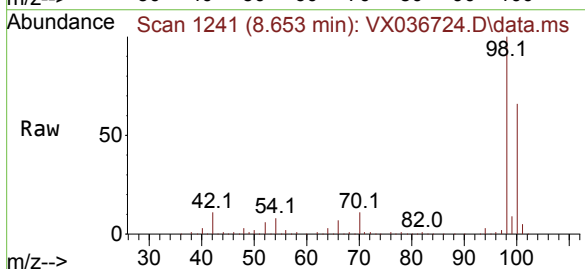
Acq: 31 Jul 2023 16:47

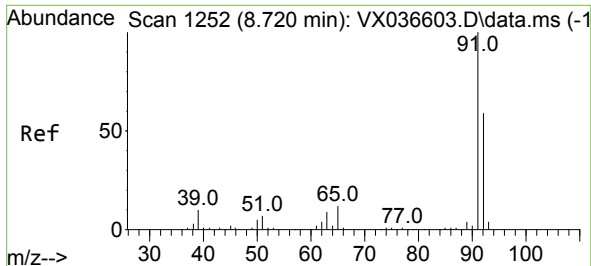
Tgt Ion: 98 Resp: 282006

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7

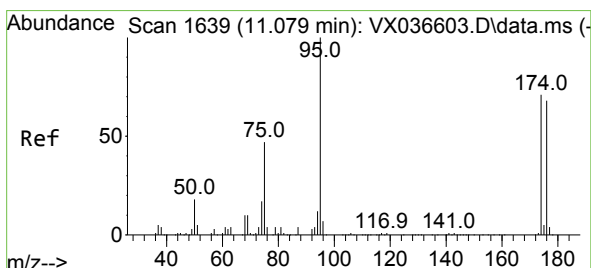
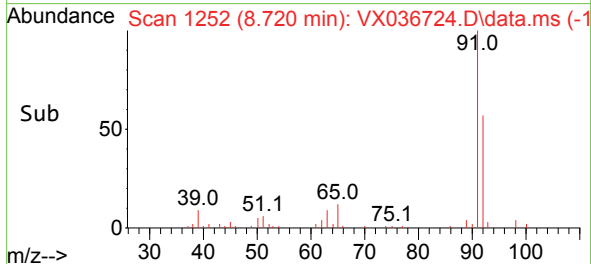
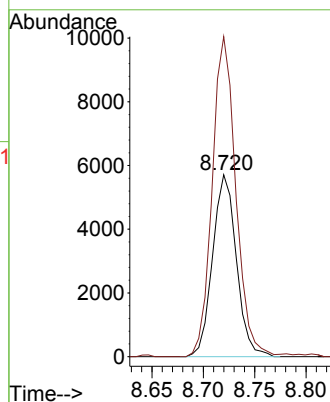
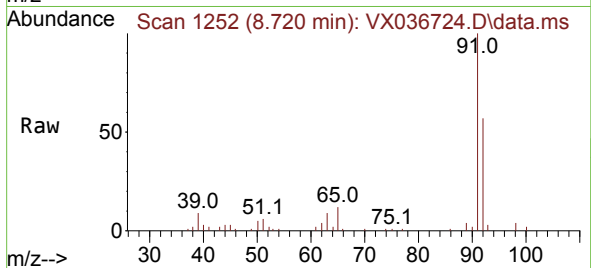




#52
Toluene
Concen: 2.087 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

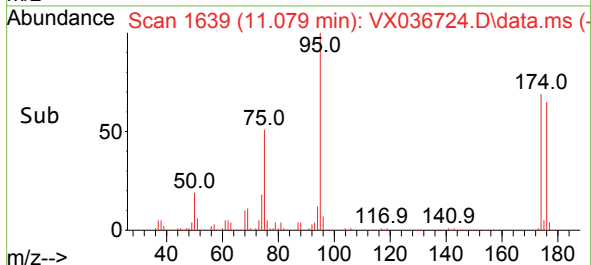
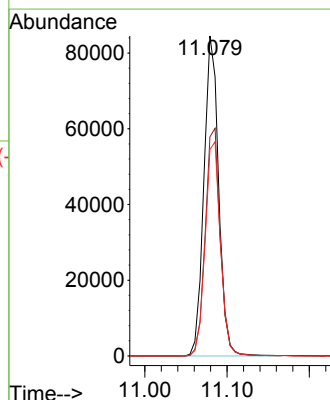
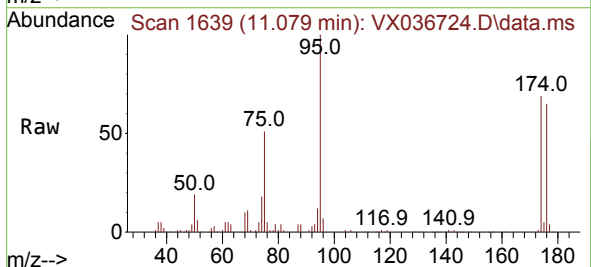
Instrument :
MSVOA_X
ClientSampleId :
IBLK

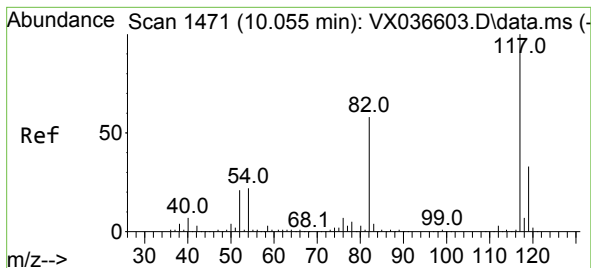
Tgt Ion: 92 Resp: 9189
Ion Ratio Lower Upper
92 100
91 174.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

Tgt Ion: 95 Resp: 105363
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 69.0 0.0 131.0

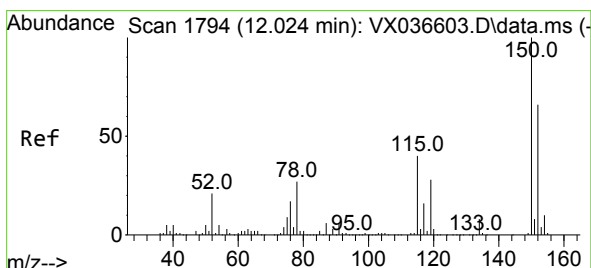
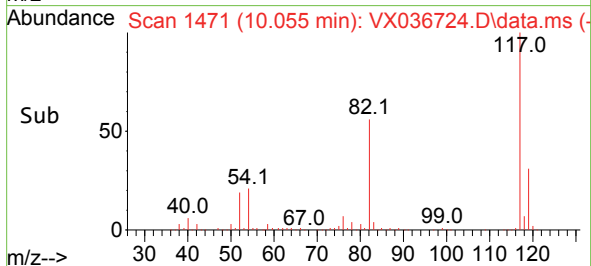
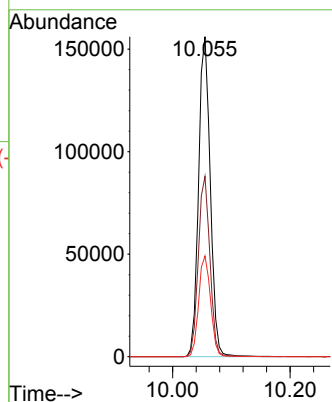
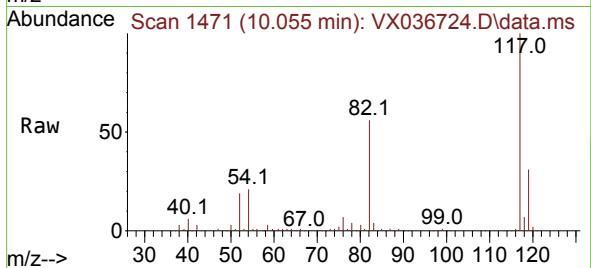




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

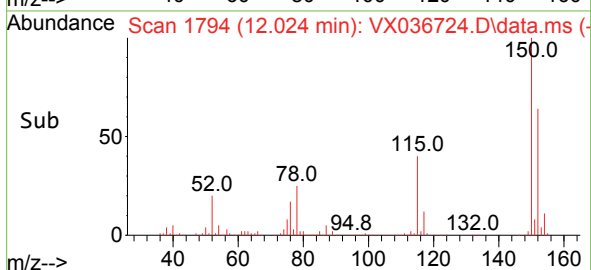
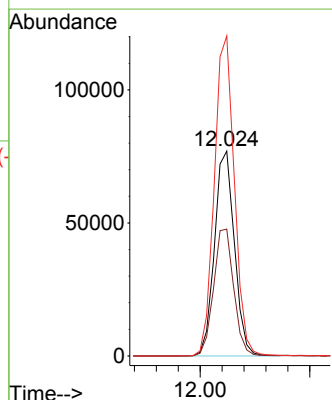
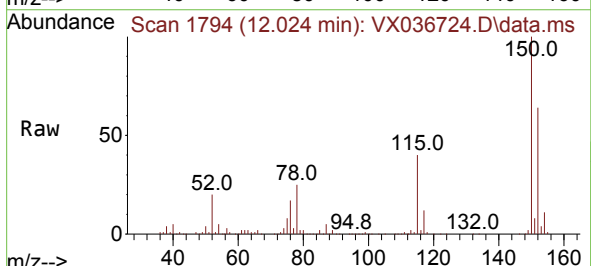
Instrument :
MSVOA_X
ClientSampleId :
IBLK

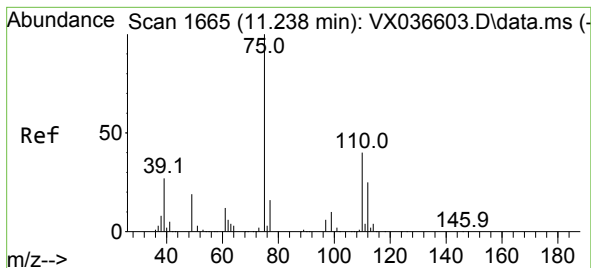
Tgt Ion:117 Resp: 215159
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

Tgt Ion:152 Resp: 97428
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 156.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.730 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX036724.D

Acq: 31 Jul 2023 16:47

Instrument :

MSVOA_X

ClientSampleId :

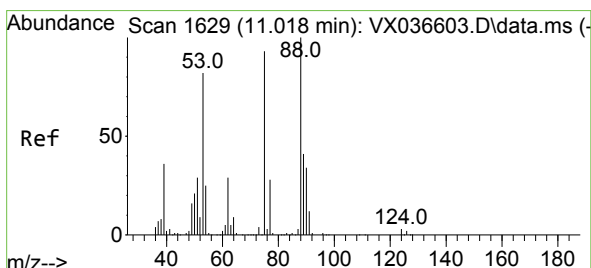
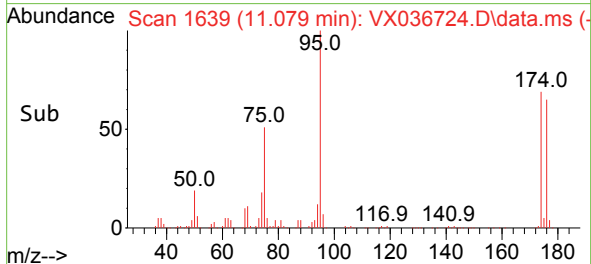
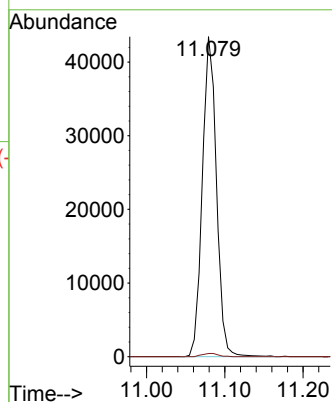
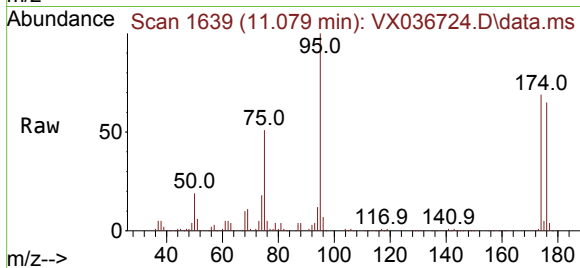
IBLK

Tgt Ion: 75 Resp: 54380

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.785 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036724.D

Acq: 31 Jul 2023 16:47

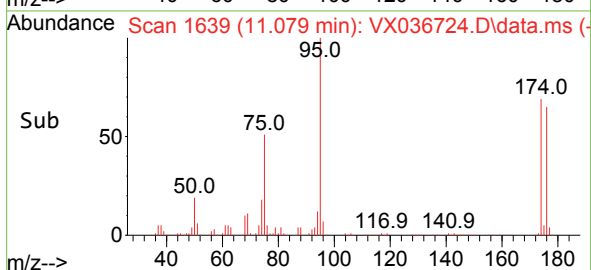
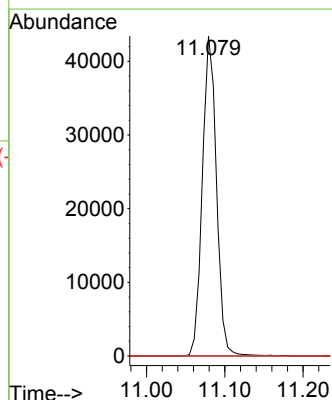
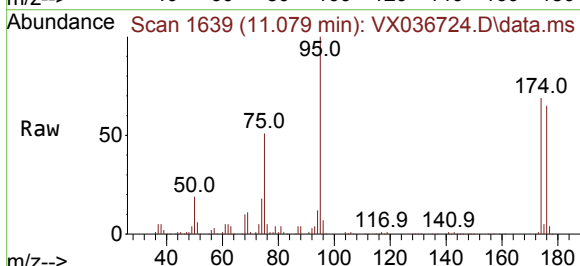
Tgt Ion: 75 Resp: 54380

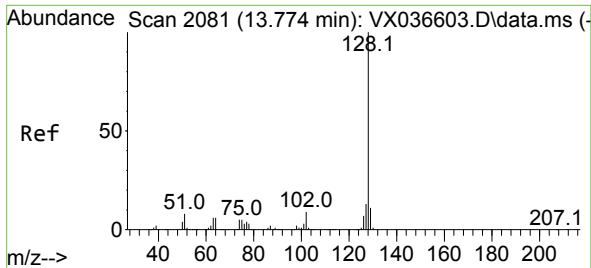
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

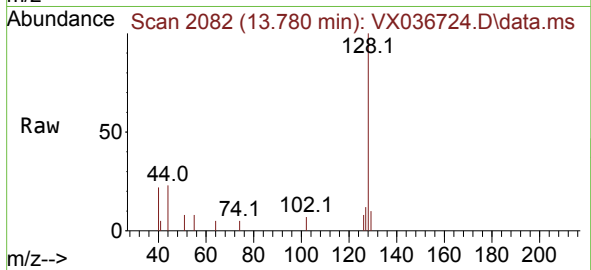
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.216 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036724.D
Acq: 31 Jul 2023 16:47

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	7.7	8.8	13.2#

