

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036886.D
 Acq On : 09 Aug 2023 12:36
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 10 01:15:52 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)

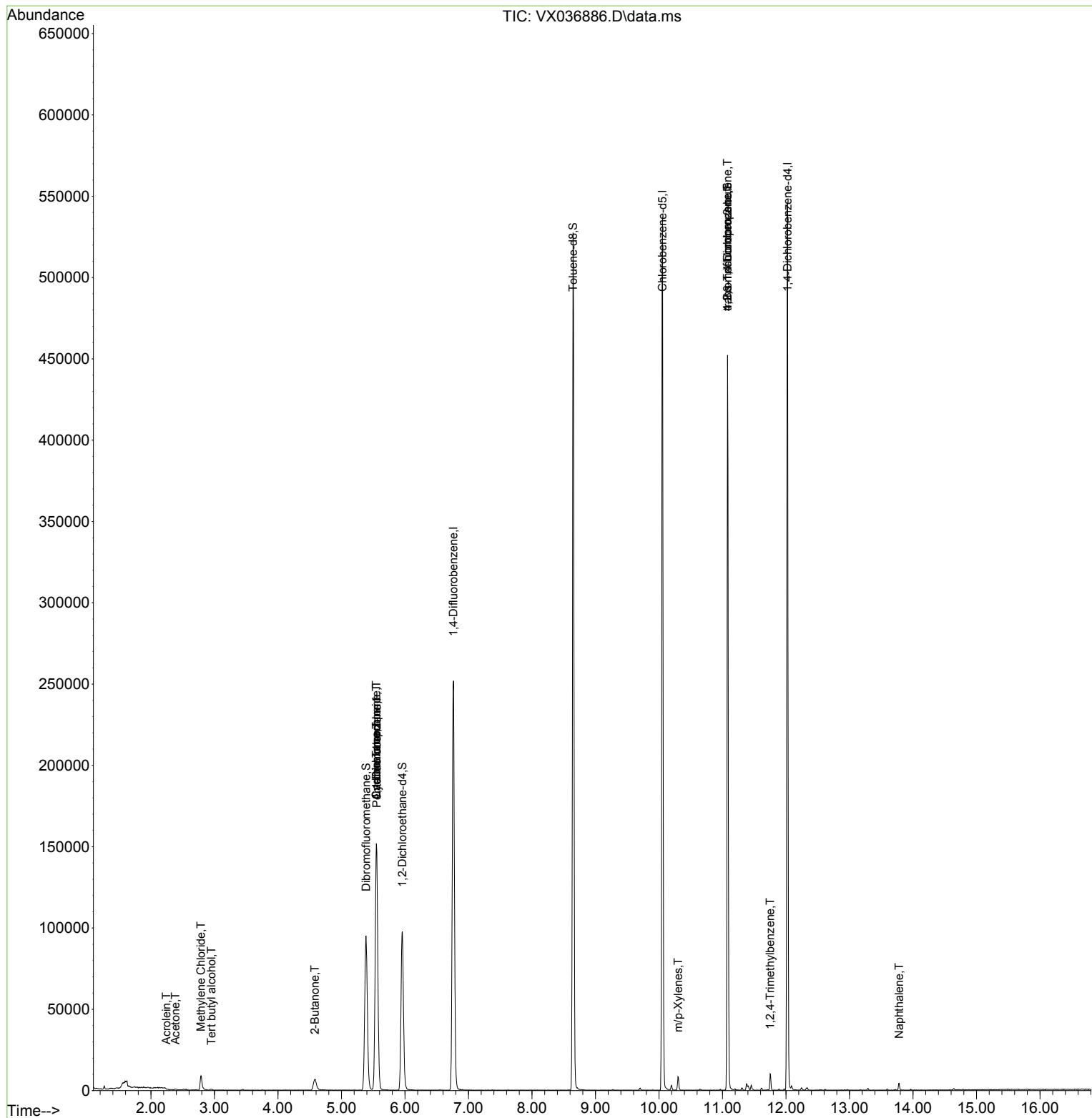
Internal Standards						
1) Pentafluorobenzene	5.556	168	141401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98037	46.858	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.720%
35) Dibromofluoromethane	5.385	113	83056	46.381	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.760%
50) Toluene-d8	8.647	98	313040	49.294	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	121454	50.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	526	1.062	ug/l #	78
13) Acrolein	2.240	56	142	0.502	ug/l #	15
16) Acetone	2.386	43	787	0.906	ug/l	96
20) Methylene Chloride	2.788	84	4998	2.589	ug/l	95
25) 2-Butanone	4.581	43	624	0.443	ug/l #	51
31) Cyclohexane	5.550	56	3199	1.104	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11327	4.244	ug/l #	52
38) Carbon Tetrachloride	5.550	117	15158	5.342	ug/l #	15
68) m/p-Xylenes	10.299	106	2050	0.553	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	62846	23.419	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	62846	53.080	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	4718	0.597	ug/l	99
95) Naphthalene	13.780	128	3181	0.386	ug/l	99

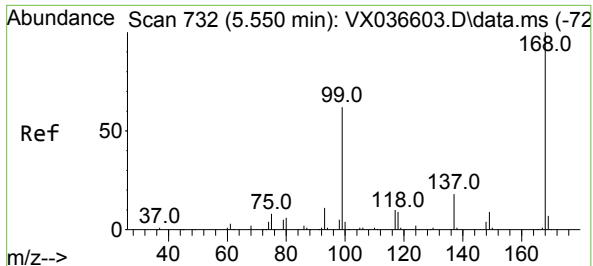
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

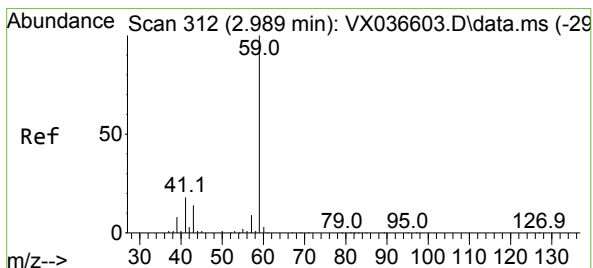
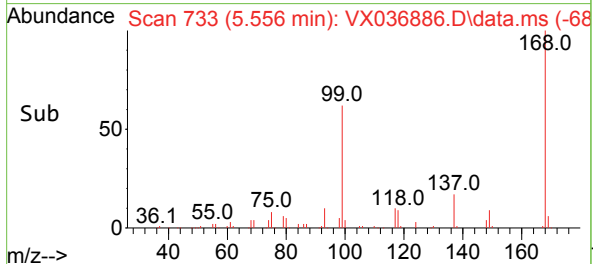
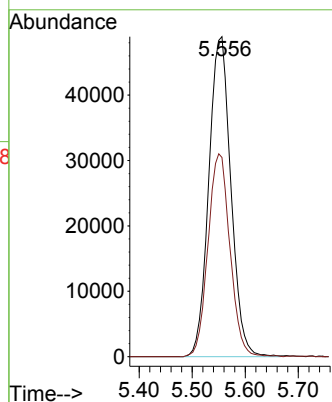
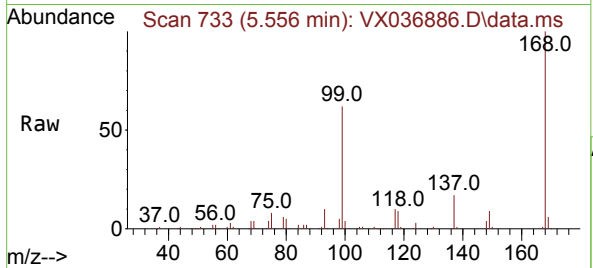




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

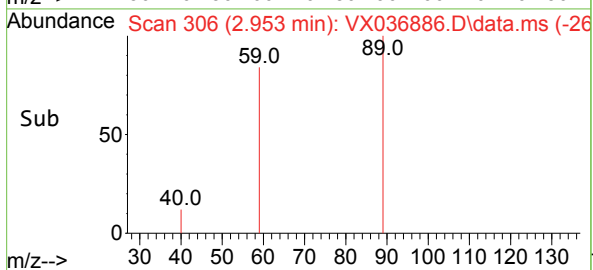
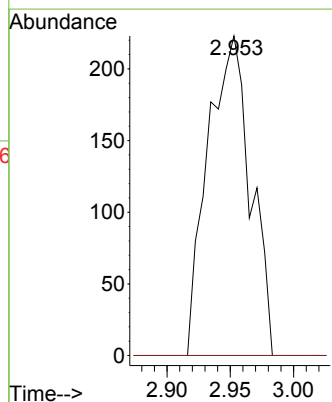
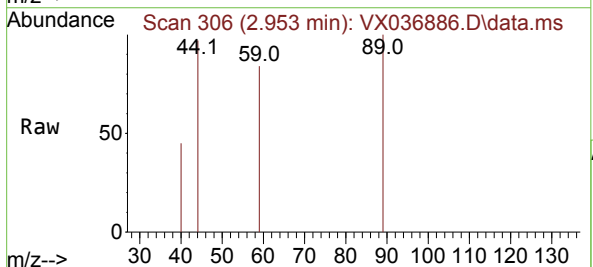
Instrument :
MSVOA_X
ClientSampleId :
IBLK

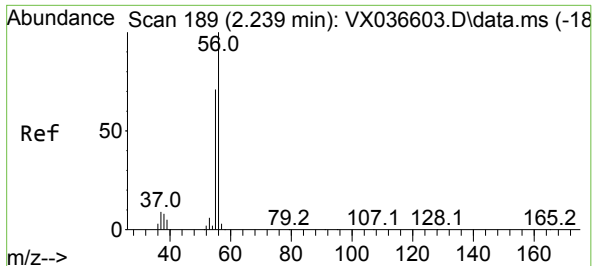
Tgt Ion:168 Resp: 141401
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.062 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

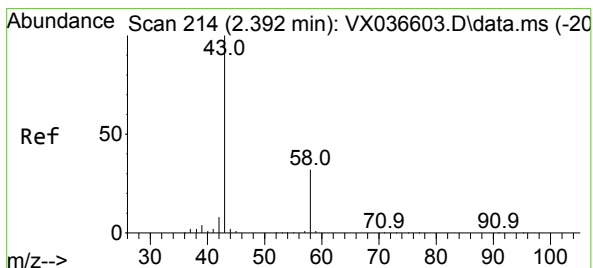
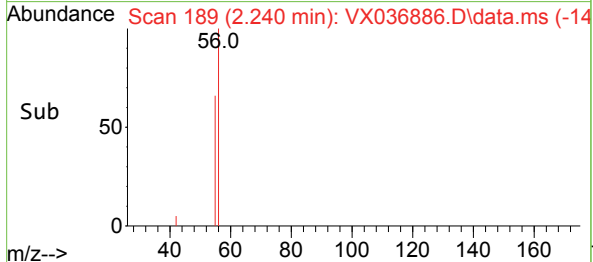
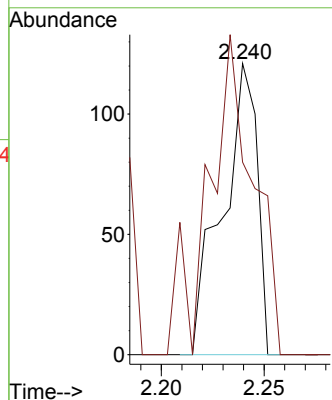
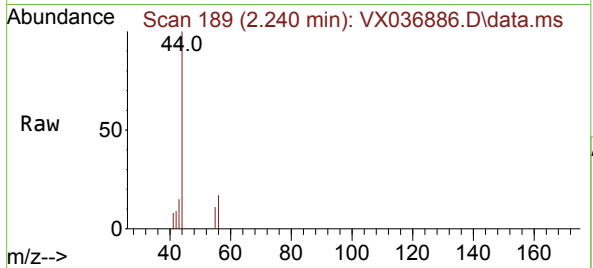




#13
Acrolein
Concen: 0.502 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

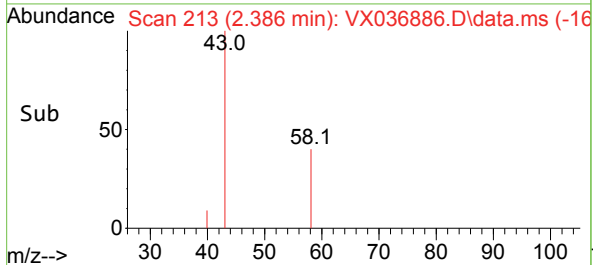
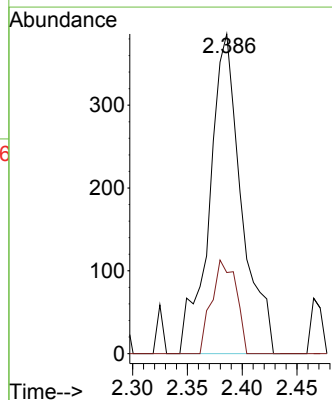
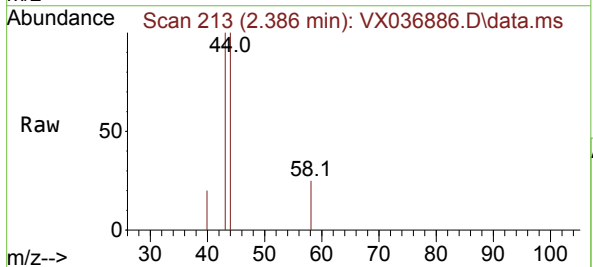
Instrument :
MSVOA_X
ClientSampleId :
IBLK

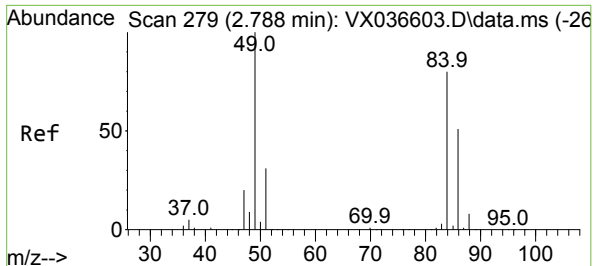
Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 141.5 57.1 85.7#



#16
Acetone
Concen: 0.906 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
58 25.4 21.9 32.9





#20

Methylene Chloride

Concen: 2.589 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036886.D

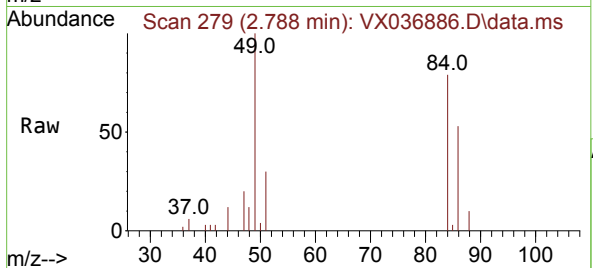
Acq: 09 Aug 2023 12:36

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion: 84 Resp: 4998

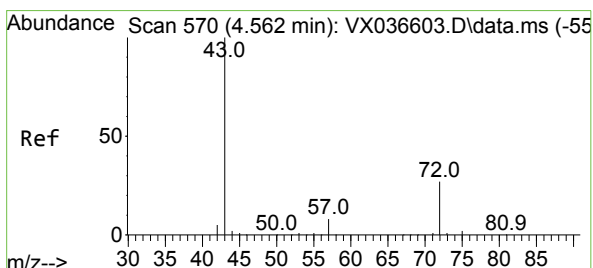
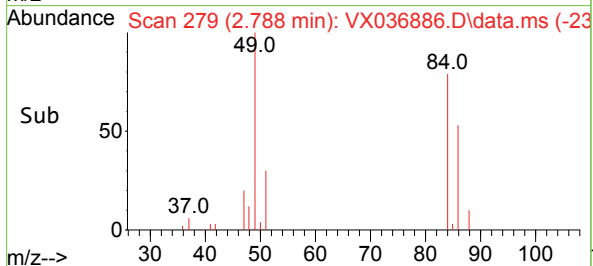
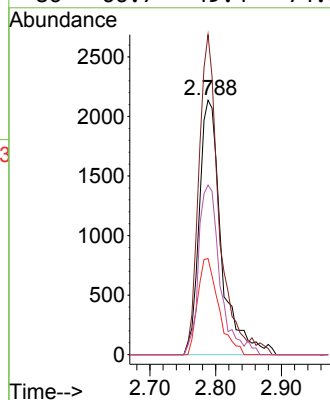
Ion Ratio Lower Upper

84 100

49 125.8 103.6 155.4

51 37.8 33.8 50.6

86 66.7 49.4 74.0



#25

2-Butanone

Concen: 0.443 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX036886.D

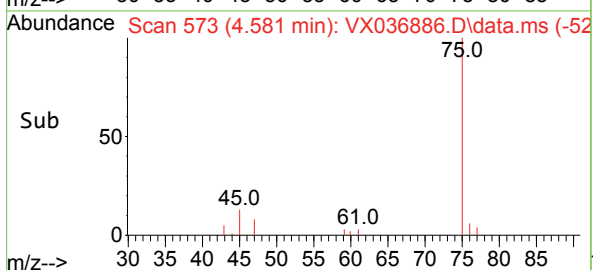
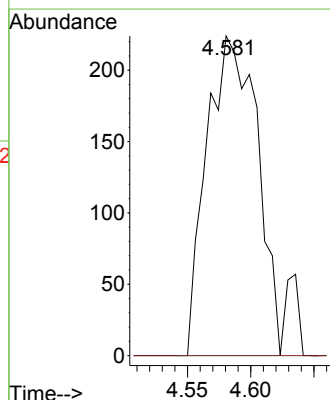
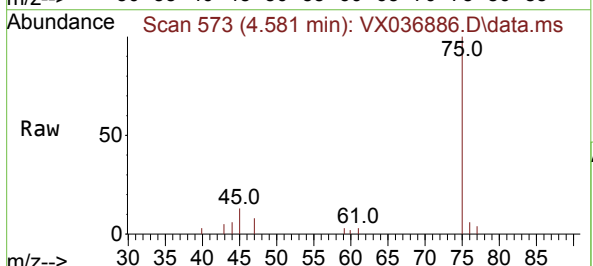
Acq: 09 Aug 2023 12:36

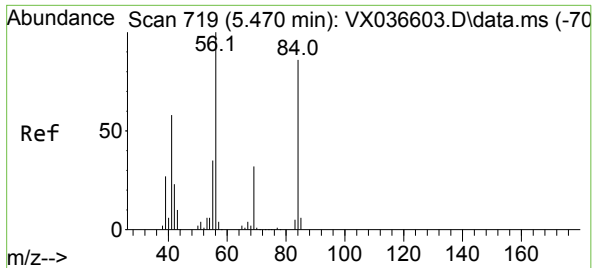
Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

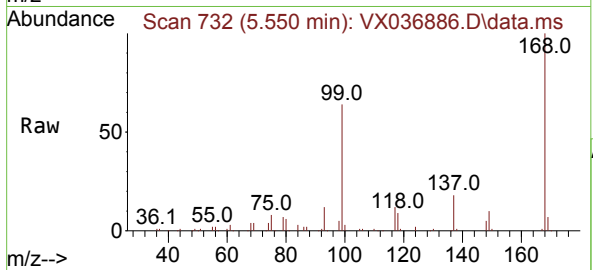
72 0.0 19.4 29.2#



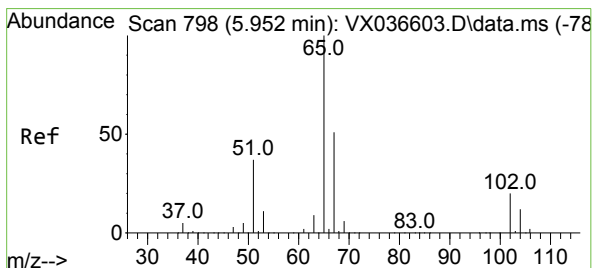
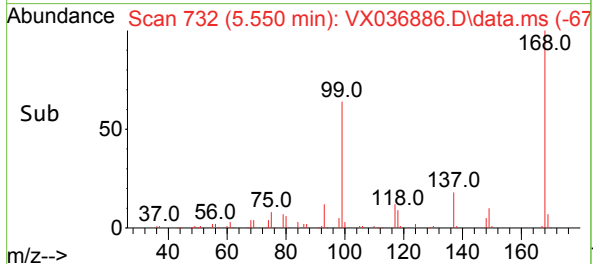
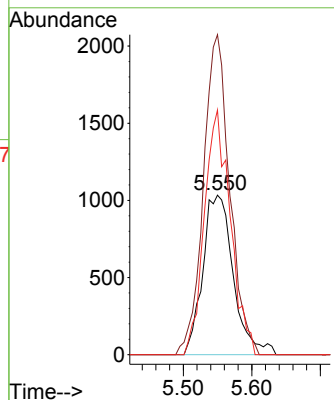


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

Instrument :
MSVOA_X
ClientSampleId :
IBLK

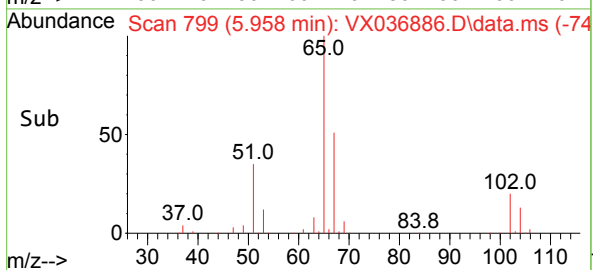
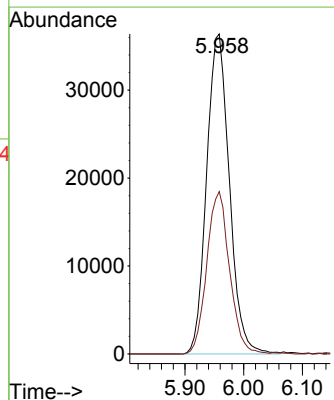
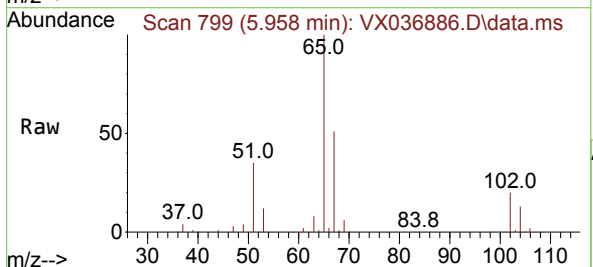


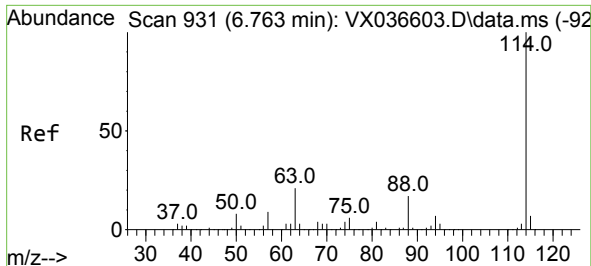
Tgt Ion: 56 Resp: 3199
Ion Ratio Lower Upper
56 100
69 200.6 23.4 35.2#
84 153.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.858 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

Tgt Ion: 65 Resp: 98037
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

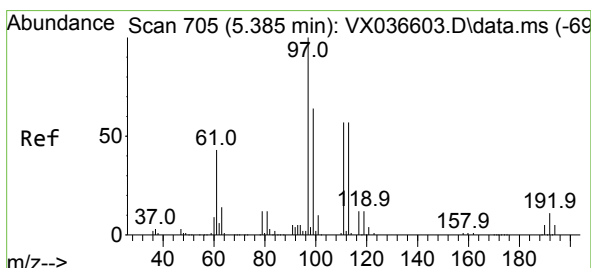
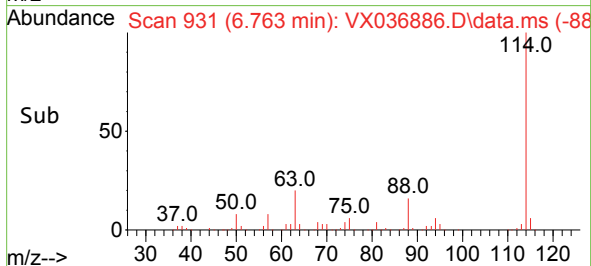
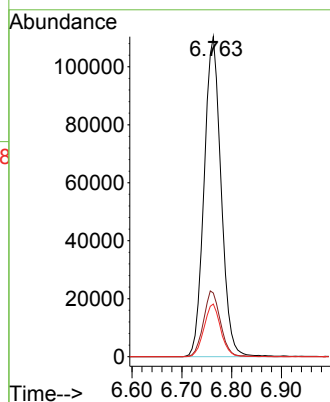
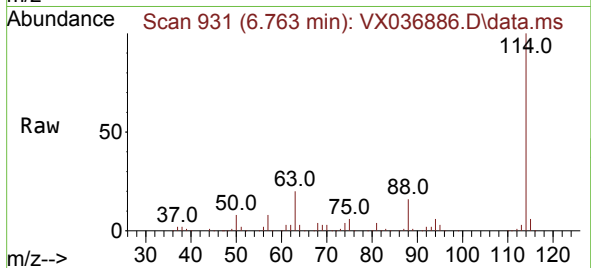




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

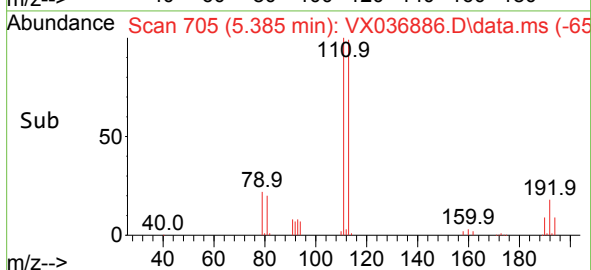
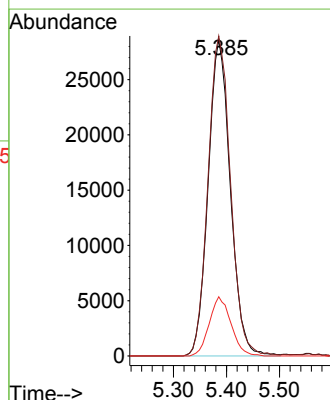
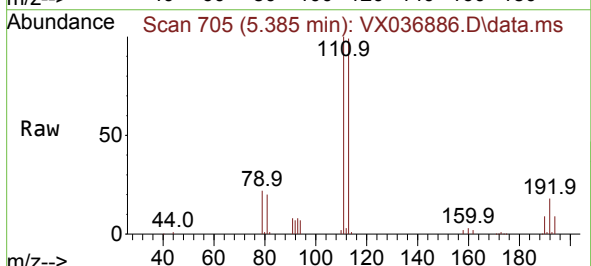
Instrument :
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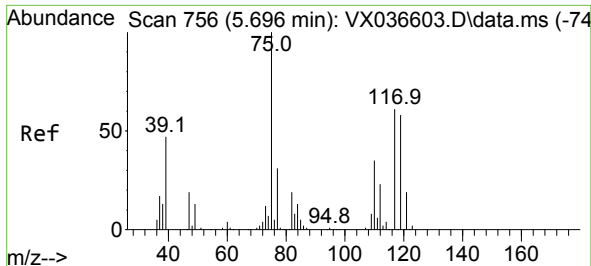
Tgt Ion:114 Resp: 260532
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.381 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

Tgt Ion:113 Resp: 83056
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.4 13.3 19.9

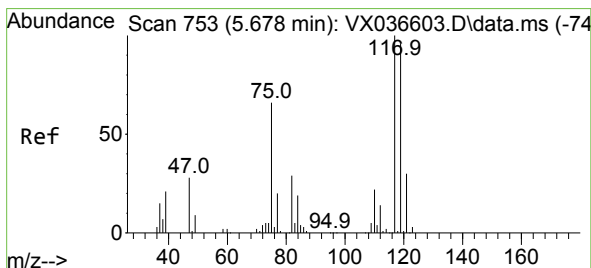
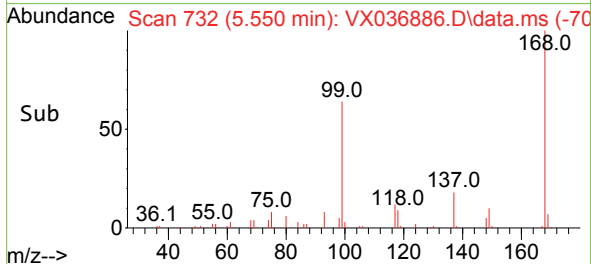
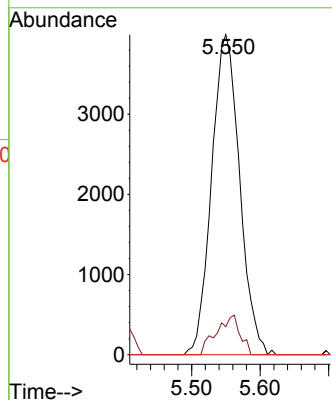
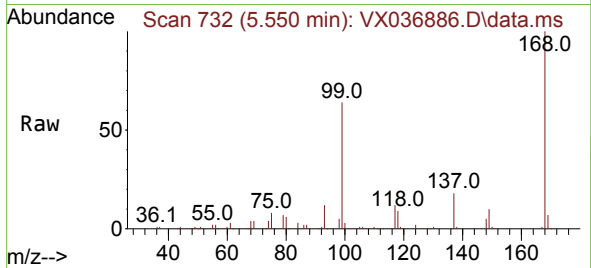




#36
1,1-Dichloropropene
Concen: 4.244 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

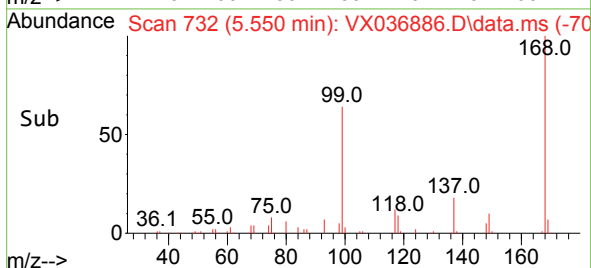
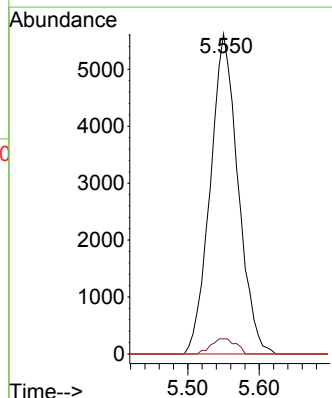
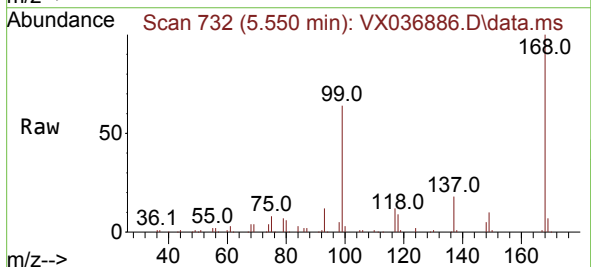
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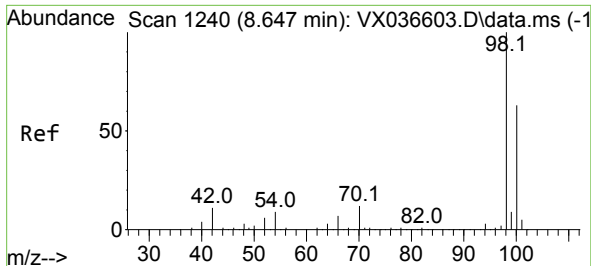
Tgt Ion: 75 Resp: 11327
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.342 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

Tgt Ion: 117 Resp: 15158
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

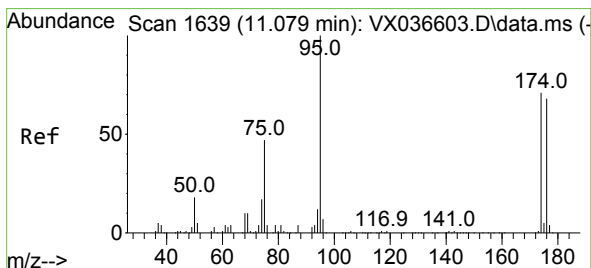
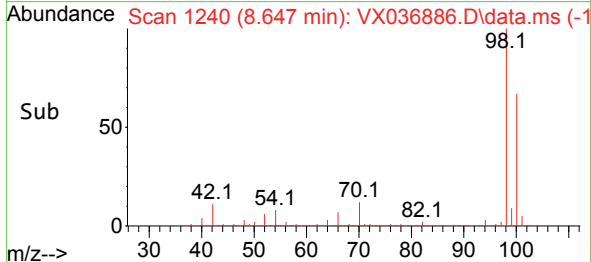
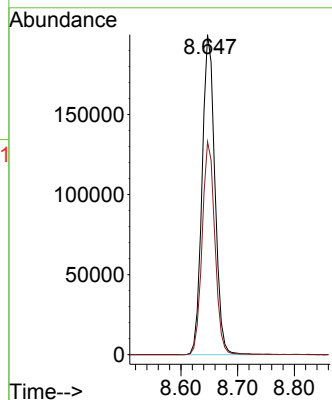
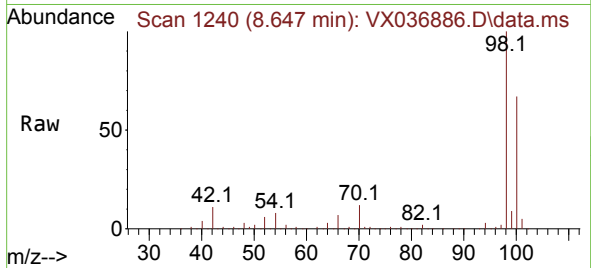




#50
Toluene-d8
Concen: 49.294 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

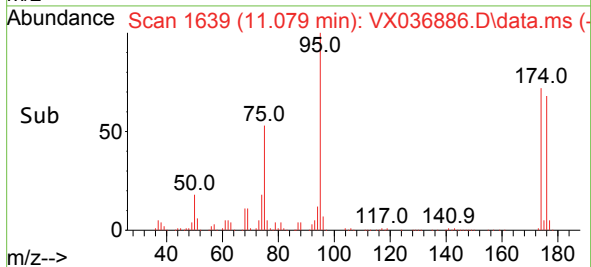
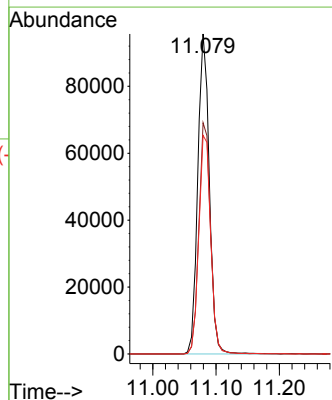
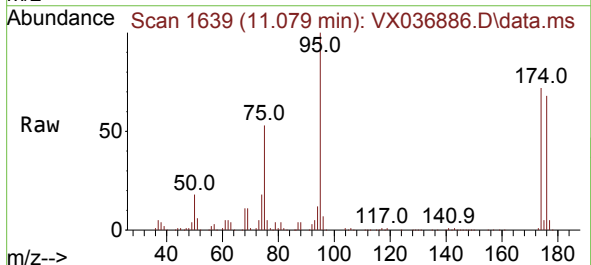
Instrument :
MSVOA_X
ClientSampleId :
IBLK

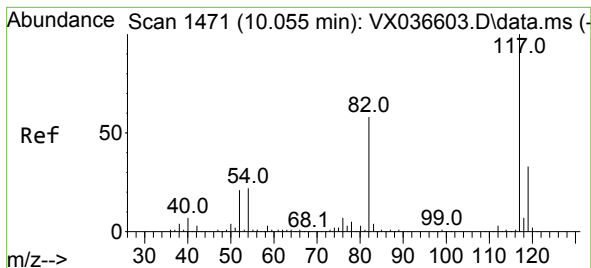
Tgt Ion: 98 Resp: 313040
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

Tgt Ion: 95 Resp: 121454
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 70.7 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: VX036886.D

Acq: 09 Aug 2023 12:36

Instrument :

MSVOA_X

ClientSampleId :

IBLK

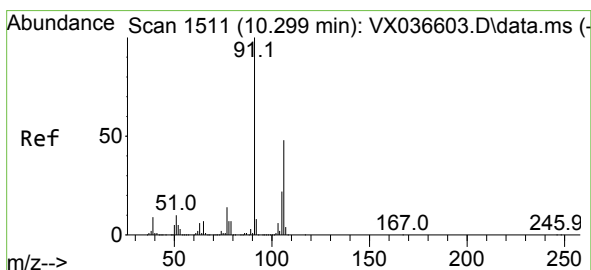
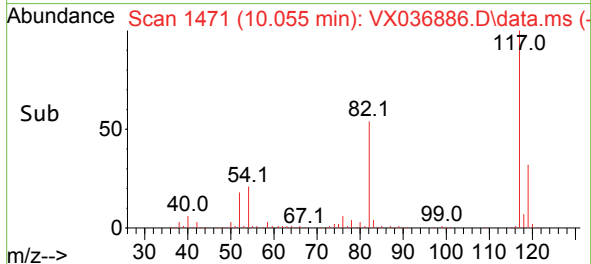
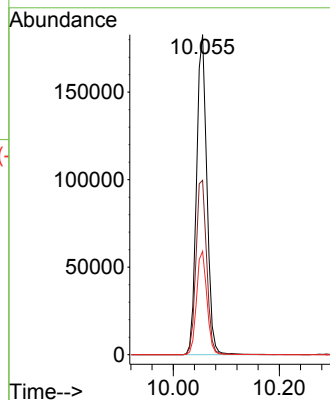
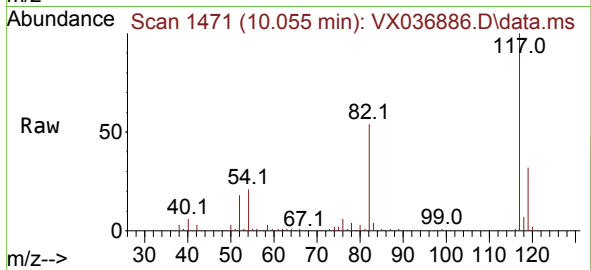
Tgt Ion:117 Resp: 246902

Ion Ratio Lower Upper

117 100

82 54.5 46.2 69.4

119 32.3 25.5 38.3



#68

m/p-Xylenes

Concen: 0.553 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX036886.D

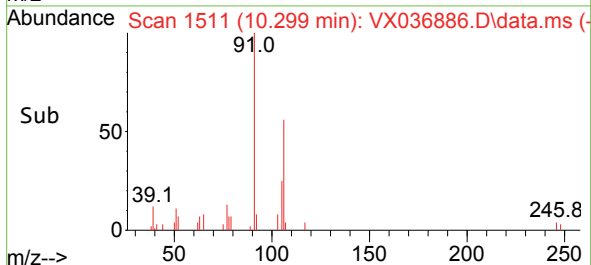
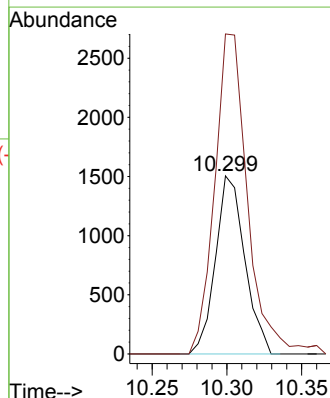
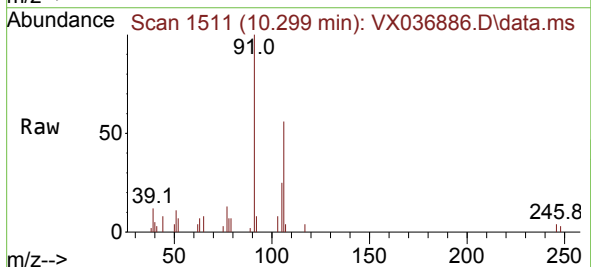
Acq: 09 Aug 2023 12:36

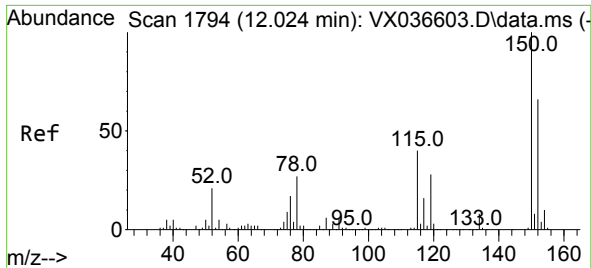
Tgt Ion:106 Resp: 2050

Ion Ratio Lower Upper

106 100

91 202.0 165.5 248.3

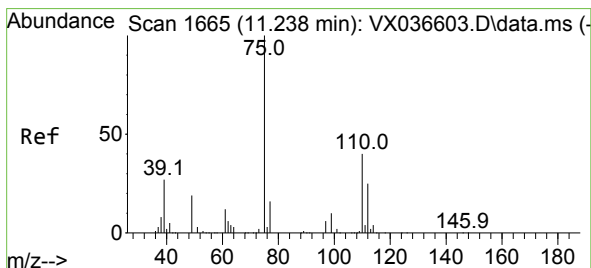
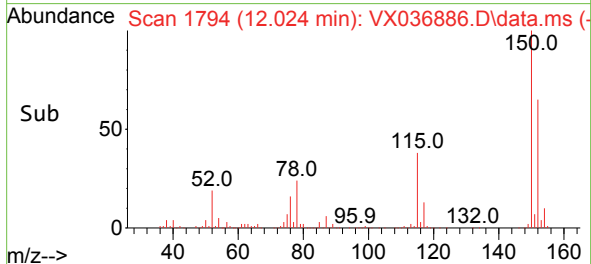
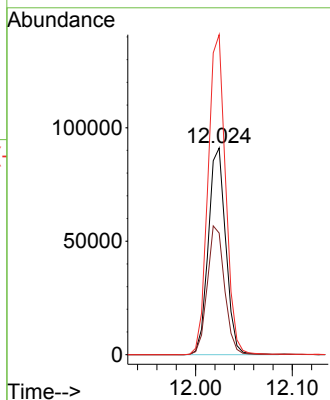
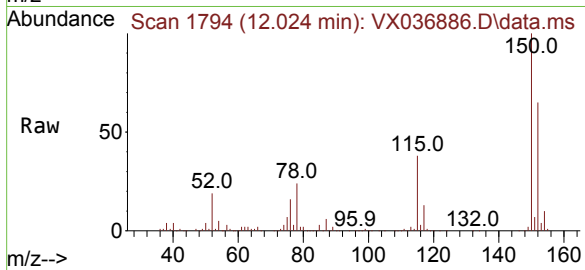




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036886.D
 Acq: 09 Aug 2023 12:36

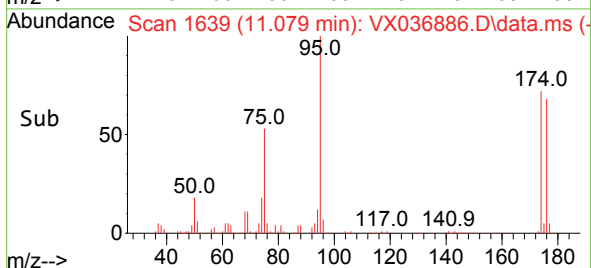
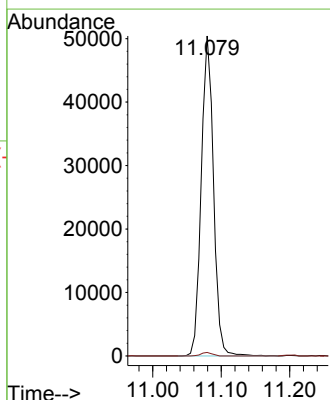
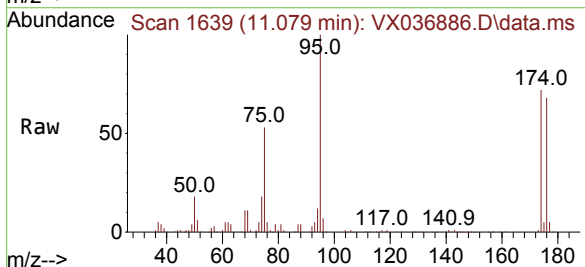
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

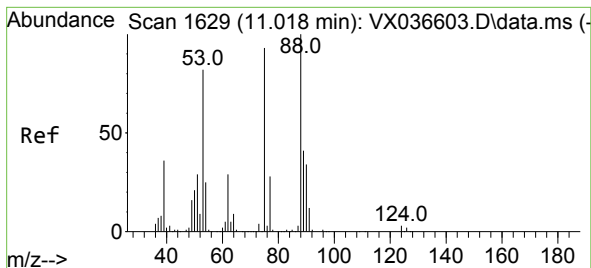
Tgt Ion:152 Resp: 114093
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.3 129.9
 150 155.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.419 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX036886.D
 Acq: 09 Aug 2023 12:36

Tgt Ion: 75 Resp: 62846
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

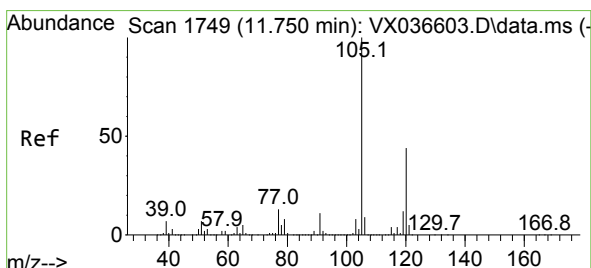
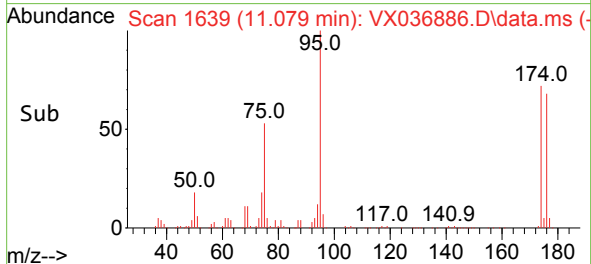
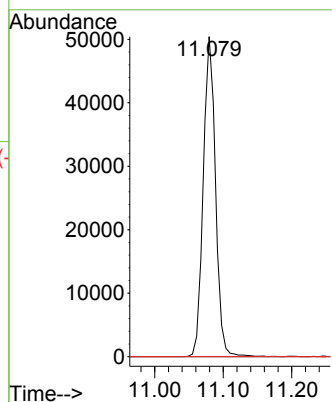
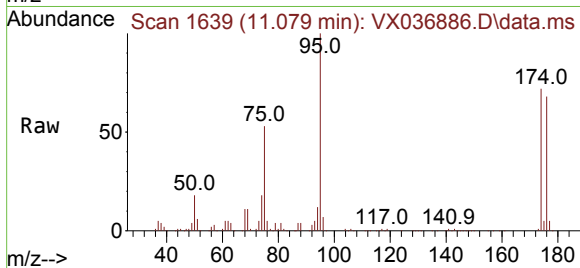




#81
trans-1,4-Dichloro-2-butene
Concen: 53.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

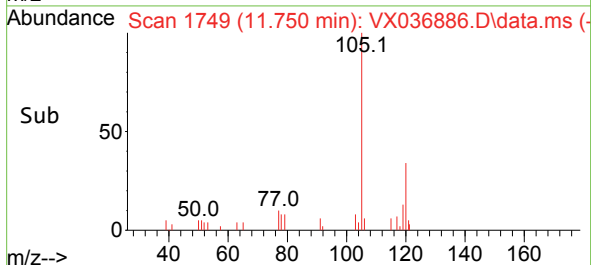
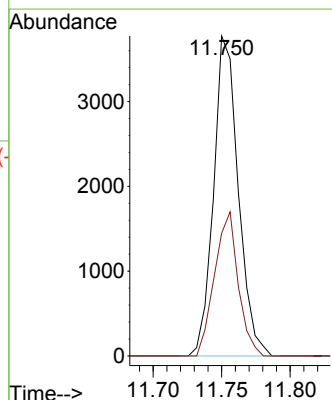
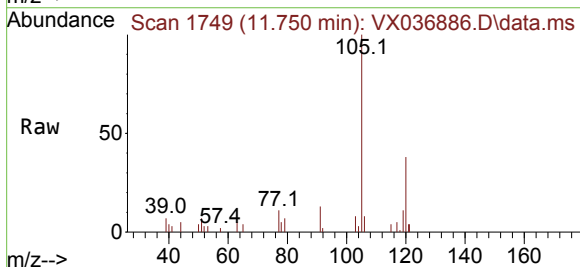
Instrument :
MSVOA_X
ClientSampleId :
IBLK

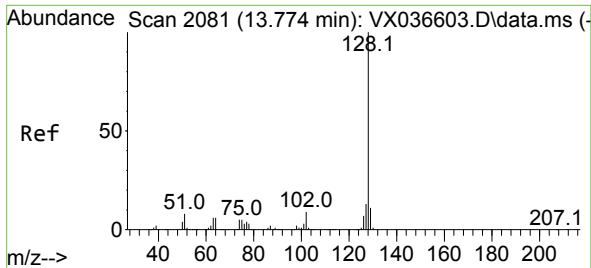
Tgt Ion: 75 Resp: 62846
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.597 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

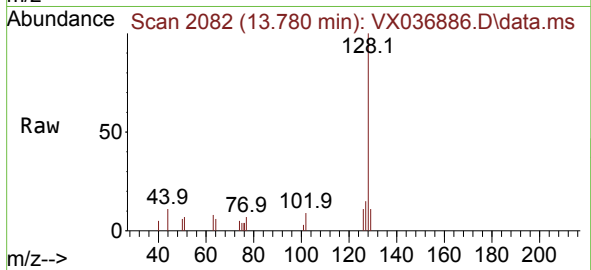
Tgt Ion: 105 Resp: 4718
Ion Ratio Lower Upper
105 100
120 43.1 21.2 63.6





#95
Naphthalene
Concen: 0.386 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	3181
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	10.6	8.8	13.2

