

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036766.D
 Acq On : 02 Aug 2023 13:30
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 03 07:28:07 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	140685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94800	45.541	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.080%
35) Dibromofluoromethane	5.385	113	81256	46.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	8.646	98	304723	49.338	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.680%
62) 4-Bromofluorobenzene	11.079	95	109180	46.854	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.700%

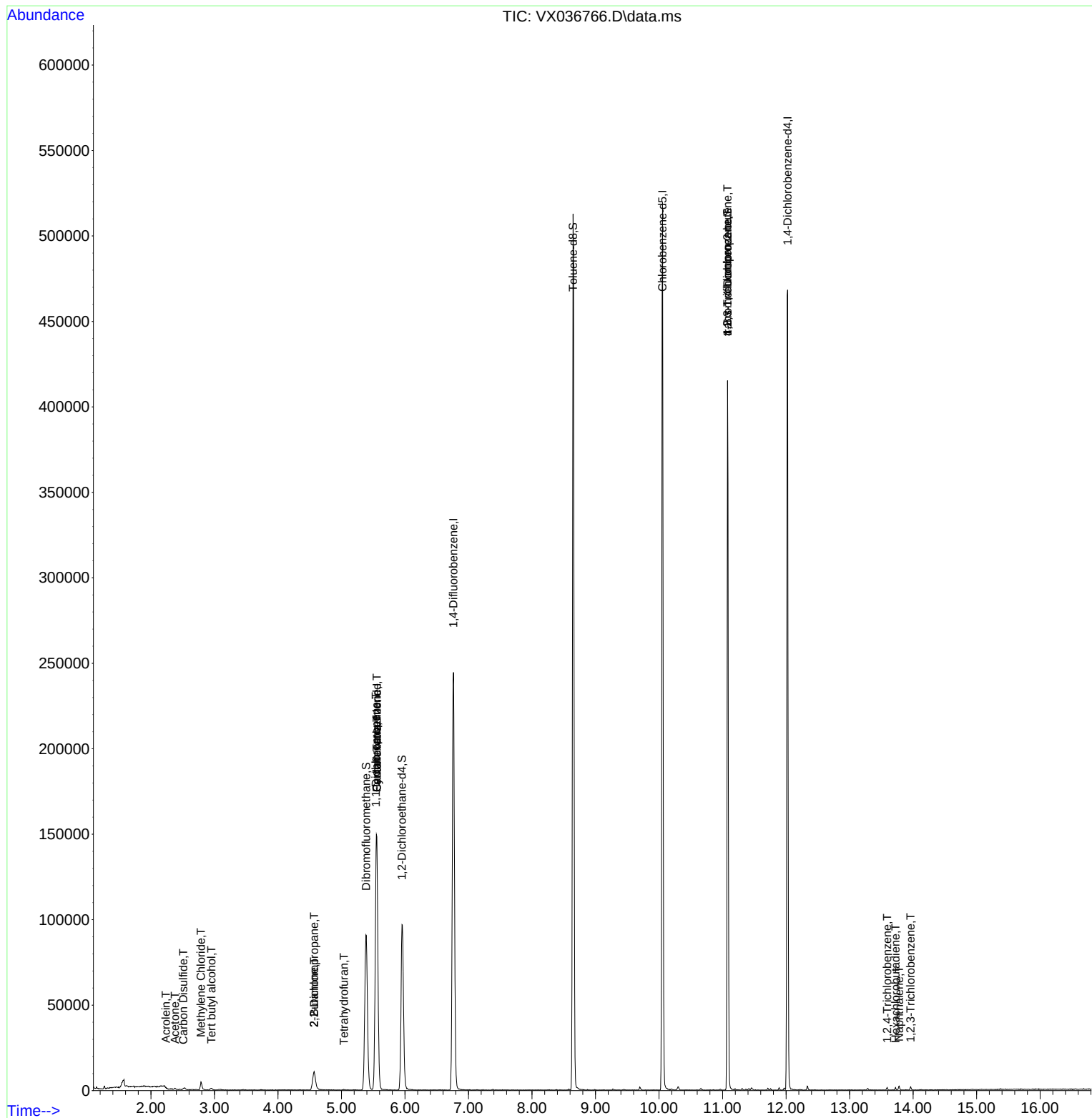
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.952	59	714	1.449	ug/l #	78
13) Acrolein	2.233	56	278	0.988	ug/l #	57
16) Acetone	2.379	43	923	1.069	ug/l #	87
17) Carbon Disulfide	2.507	76	1065	0.245	ug/l	100
20) Methylene Chloride	2.788	84	2305	1.200	ug/l #	88
25) 2-Butanone	4.568	43	1033	0.737	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	898	0.289	ug/l #	54
29) Tetrahydrofuran	5.037	42	210	0.232	ug/l #	41
31) Cyclohexane	5.556	56	3128	1.085	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	11660	4.492	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15011	5.439	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	57238	25.370	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57238	57.502	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	549	0.276	ug/l	96
94) Hexachlorobutadiene	13.725	225	324	0.393	ug/l	84
95) Naphthalene	13.780	128	1945	0.280	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	598	0.305	ug/l	94

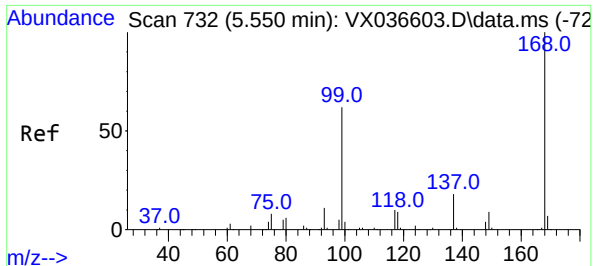
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

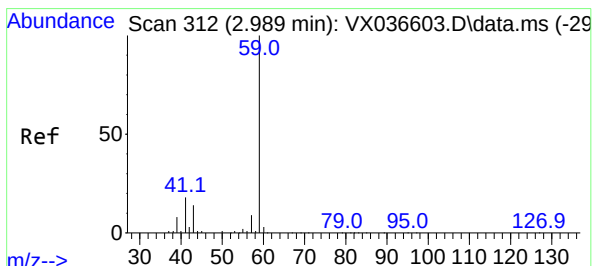
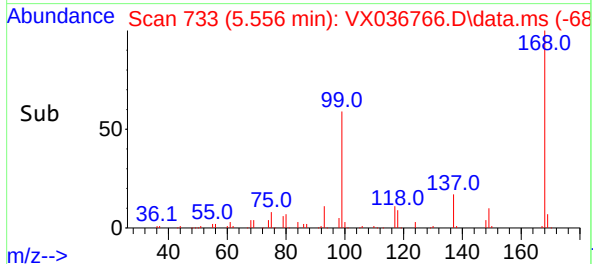
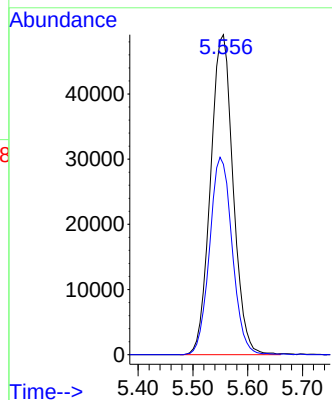
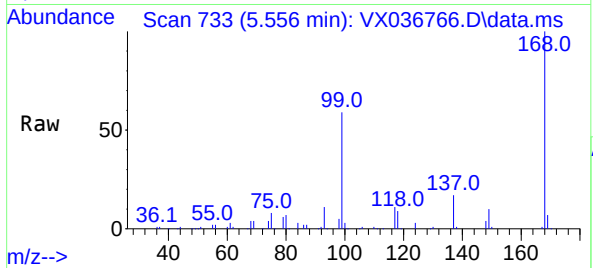




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

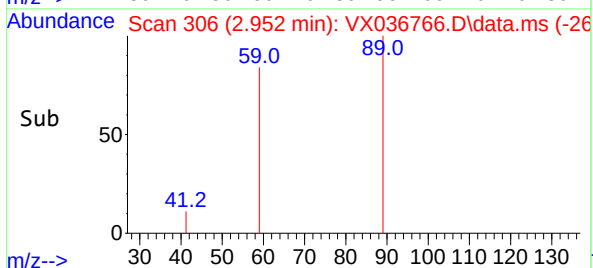
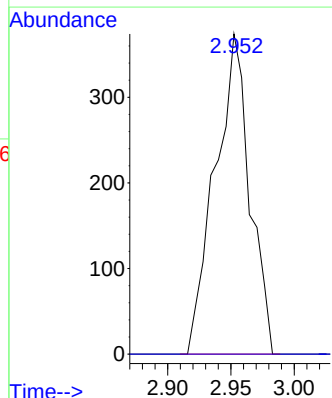
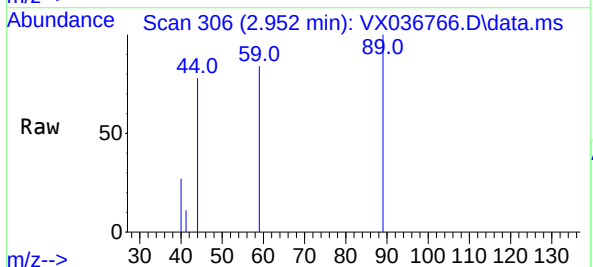
Instrument :
MSVOA_X
ClientSampleId :
IBLK

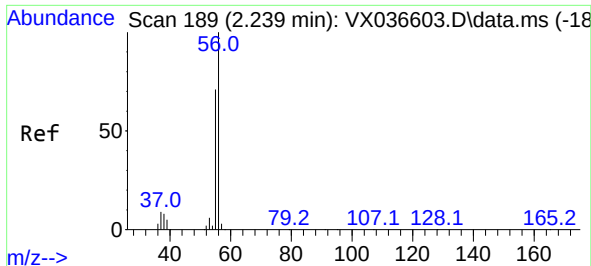
Tgt Ion:168 Resp: 140685
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.449 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

Tgt Ion: 59 Resp: 714
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

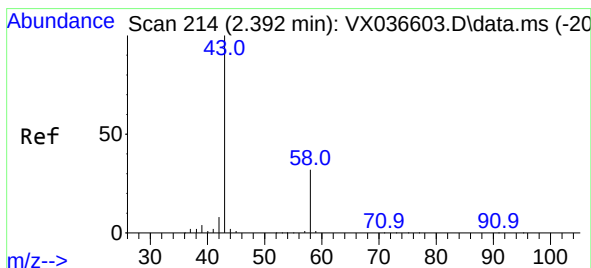
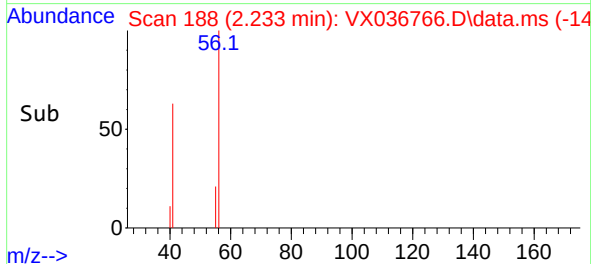
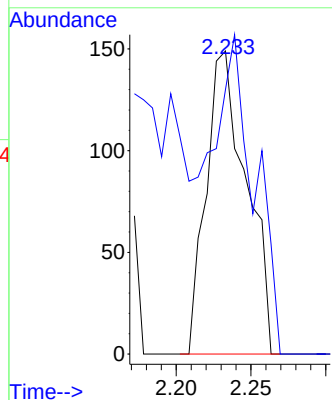
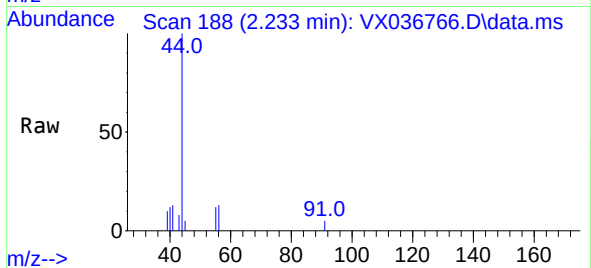




#13
Acrolein
Concen: 0.988 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

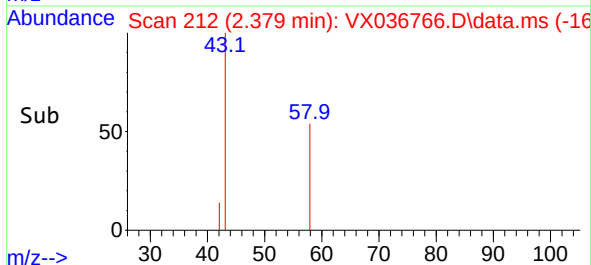
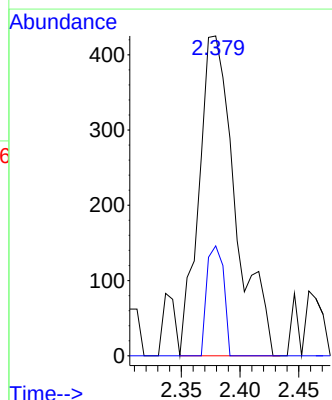
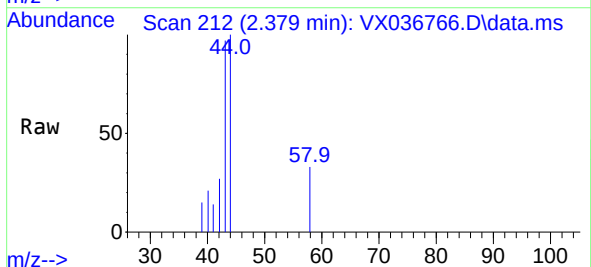
Instrument :
MSVOA_X
ClientSampleId :
IBLK

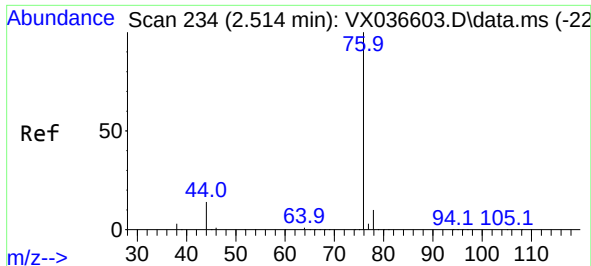
Tgt Ion: 56 Resp: 278
Ion Ratio Lower Upper
56 100
55 107.2 57.1 85.7#



#16
Acetone
Concen: 1.069 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.013 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 34.4 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.245 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036766.D

Acq: 02 Aug 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

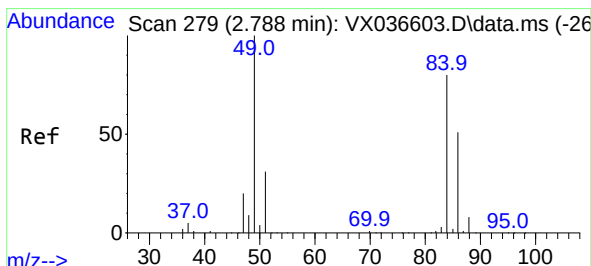
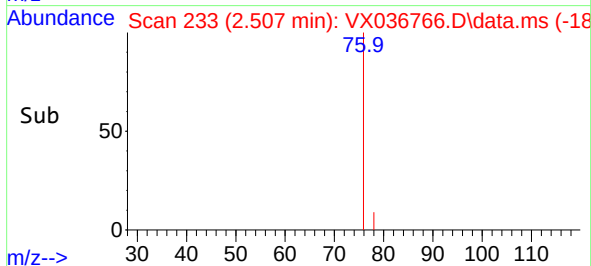
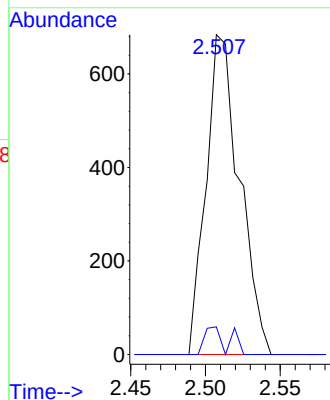
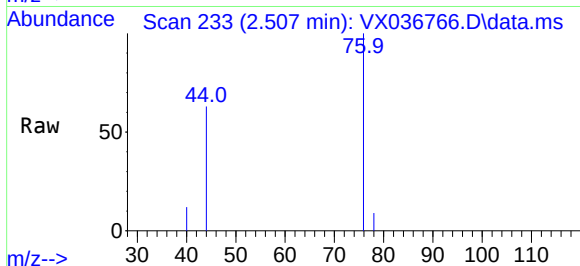
IBLK

Tgt Ion: 76 Resp: 1065

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6



#20

Methylene Chloride

Concen: 1.200 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036766.D

Acq: 02 Aug 2023 13:30

Tgt Ion: 84 Resp: 2305

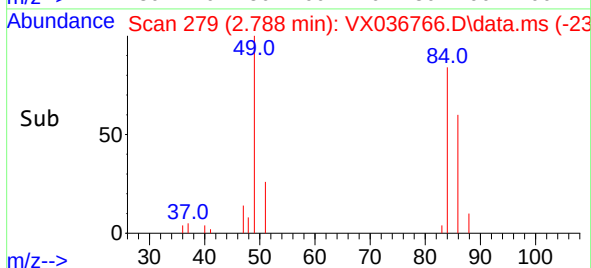
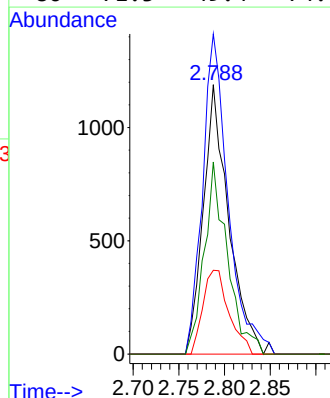
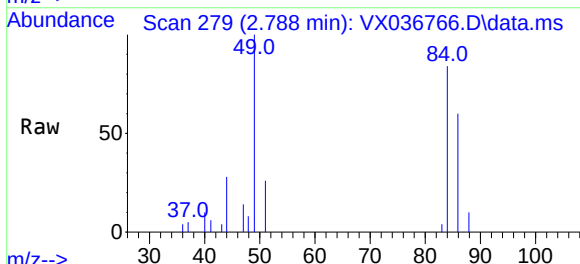
Ion Ratio Lower Upper

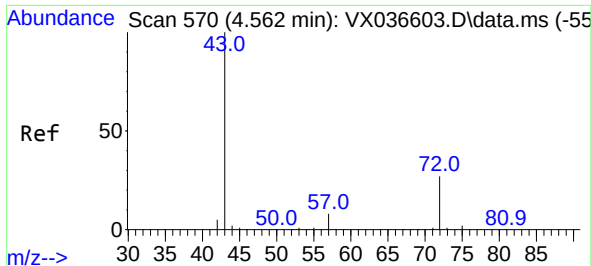
84 100

49 118.8 103.6 155.4

51 31.1 33.8 50.6#

86 71.3 49.4 74.0

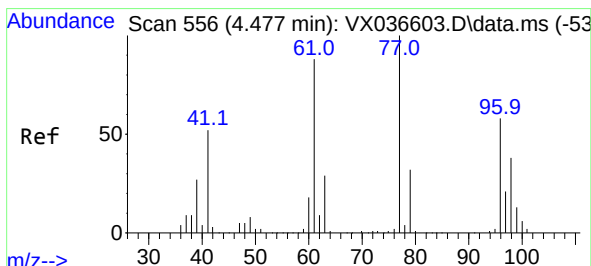
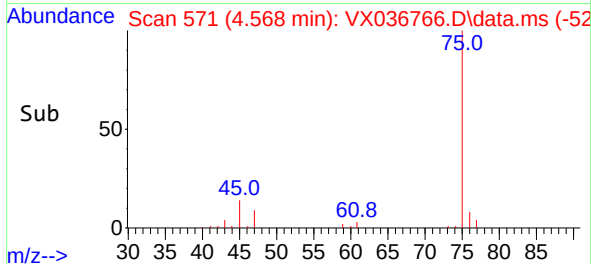
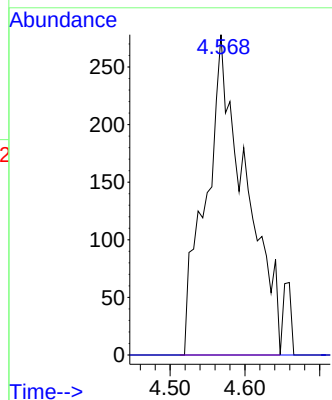
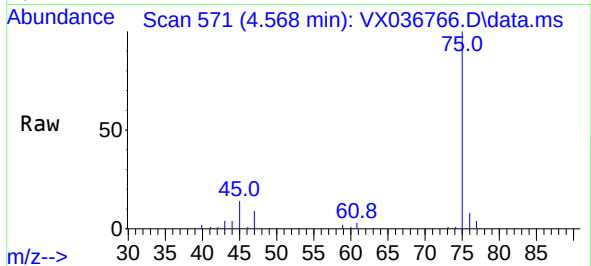




#25
2-Butanone
Concen: 0.737 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

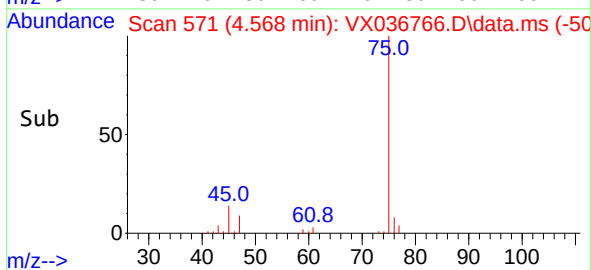
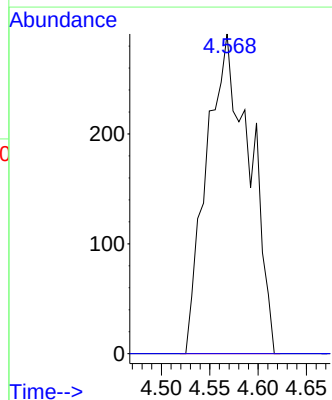
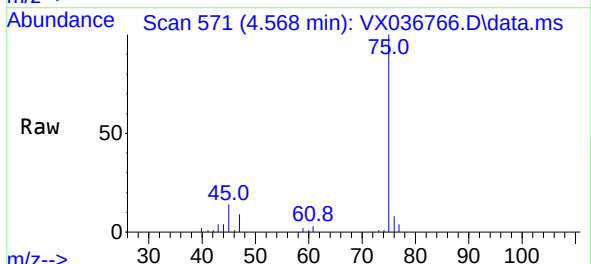
Instrument :
MSVOA_X
ClientSampleId :
IBLK

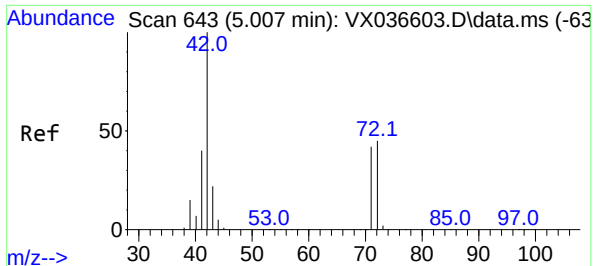
Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.289 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.091 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

Tgt Ion: 77 Resp: 898
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#29

Tetrahydrofuran

Concen: 0.232 ug/l

RT: 5.037 min Scan# 64

Delta R.T. 0.030 min

Lab File: VX036766.D

Acq: 02 Aug 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

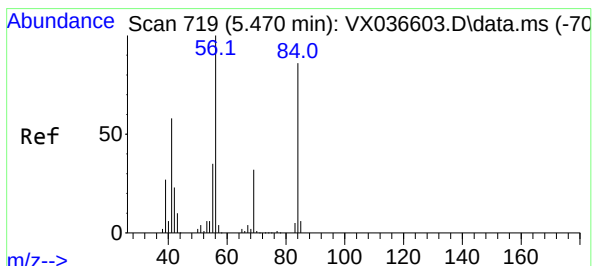
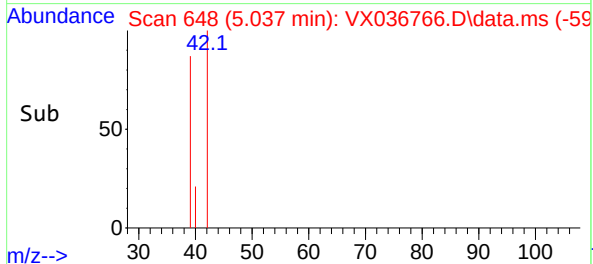
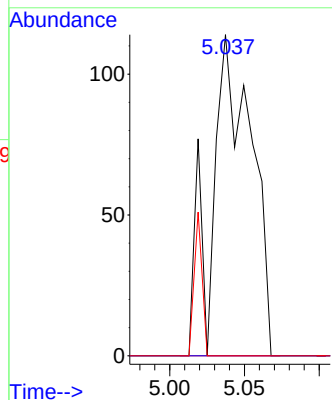
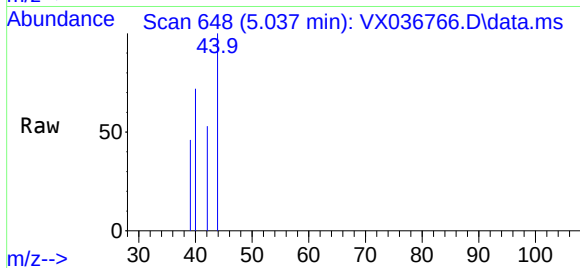
Tgt Ion: 42 Resp: 210

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 9.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.085 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX036766.D

Acq: 02 Aug 2023 13:30

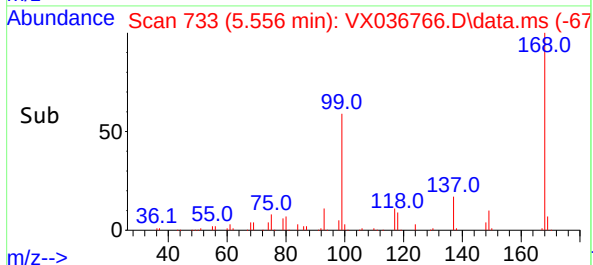
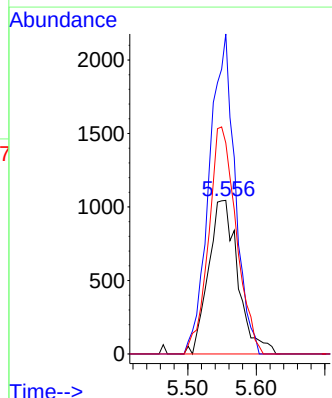
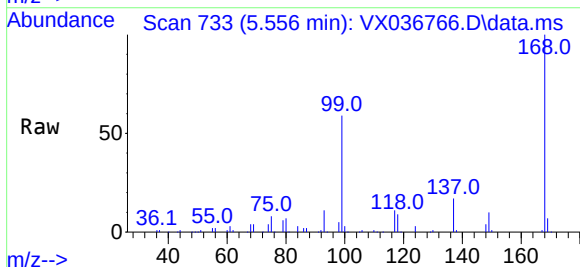
Tgt Ion: 56 Resp: 3128

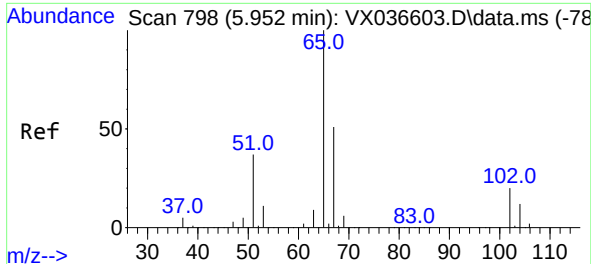
Ion Ratio Lower Upper

56 100

69 208.3 23.4 35.2#

84 137.4 65.9 98.9#

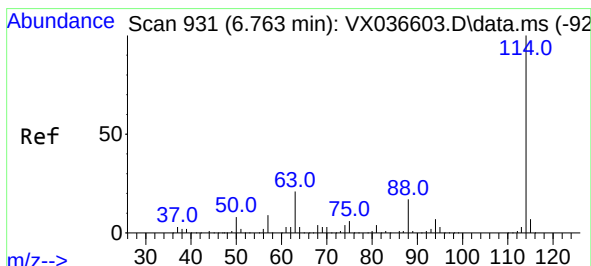
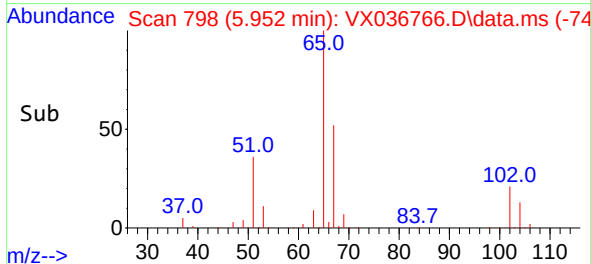
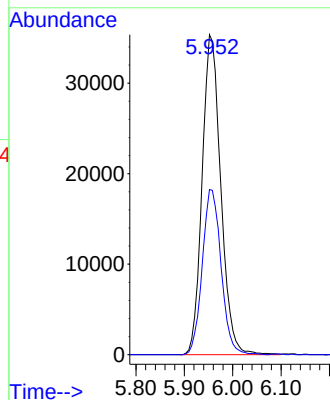
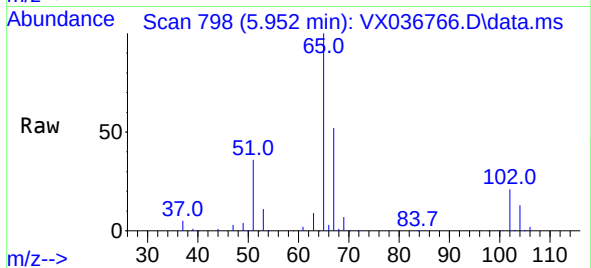




#33
1,2-Dichloroethane-d4
Concen: 45.541 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

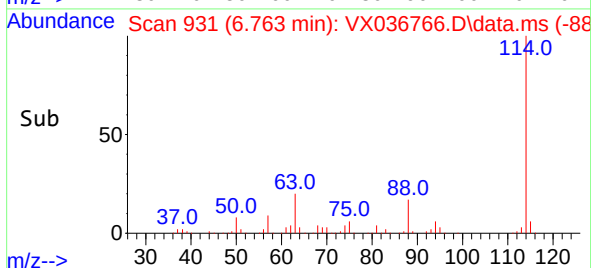
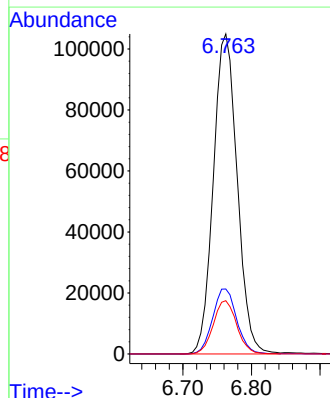
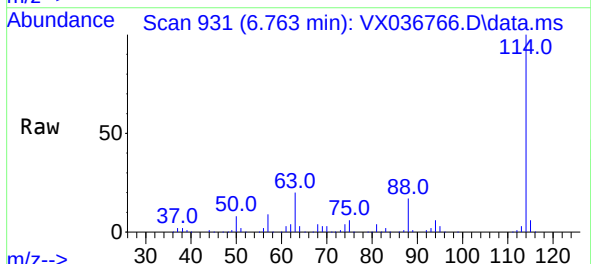
Instrument :
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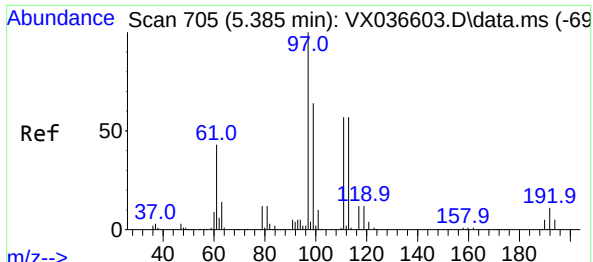
Tgt Ion: 65 Resp: 94800
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

Tgt Ion: 114 Resp: 253388
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.655 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036766.D

Acq: 02 Aug 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

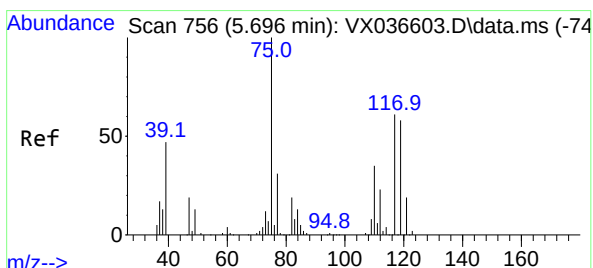
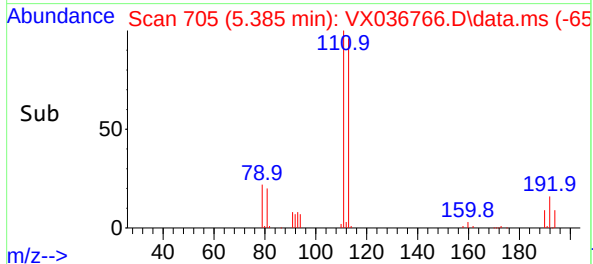
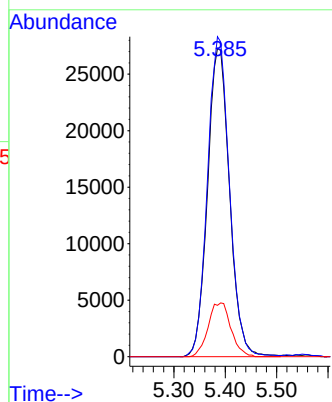
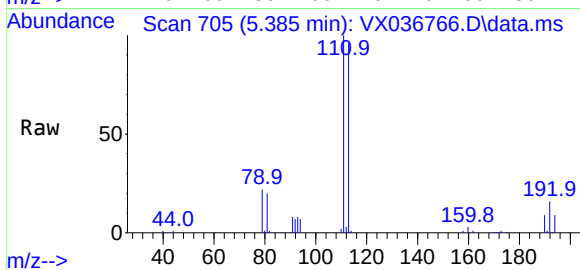
Tgt Ion:113 Resp: 81256

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 18.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.492 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.153 min

Lab File: VX036766.D

Acq: 02 Aug 2023 13:30

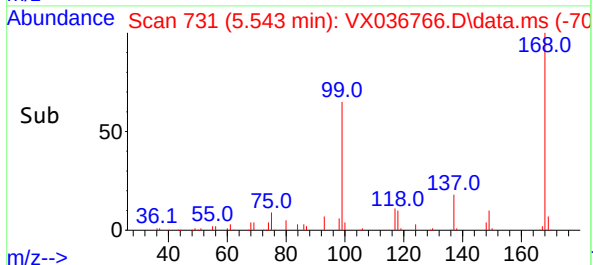
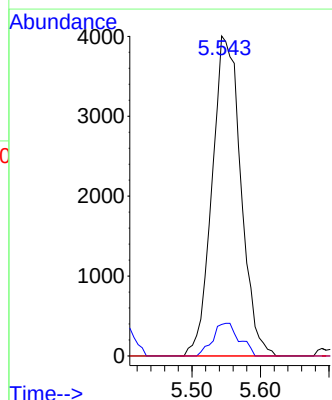
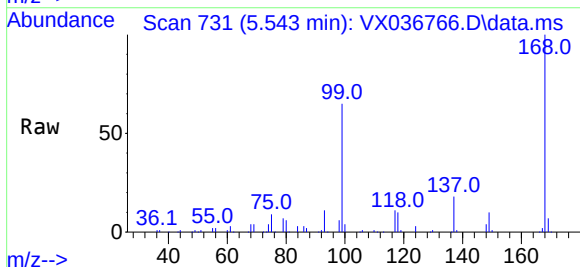
Tgt Ion: 75 Resp: 11660

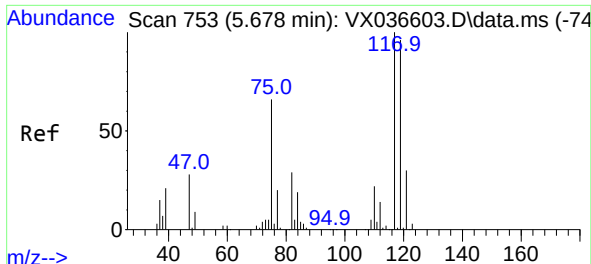
Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

77 0.0 24.7 37.1#

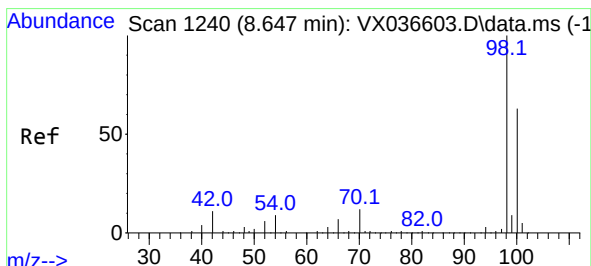
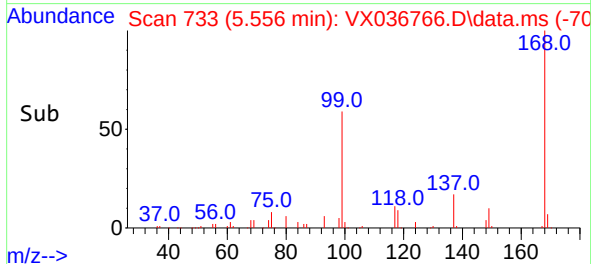
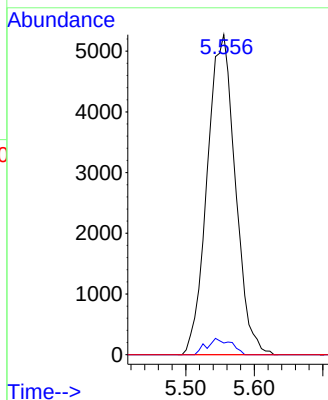
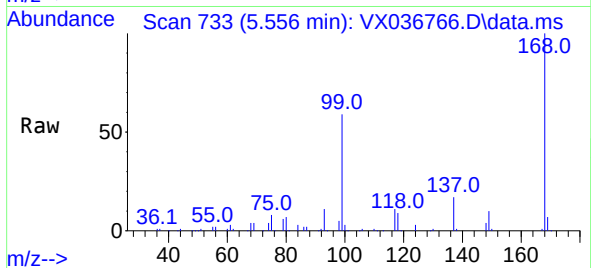




#38
Carbon Tetrachloride
Concen: 5.439 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

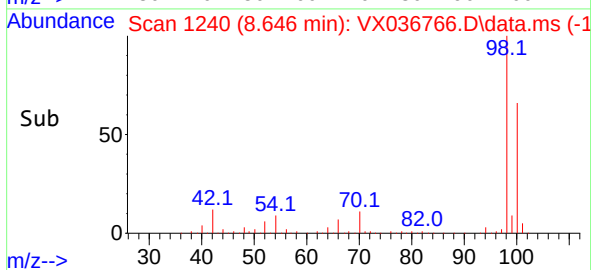
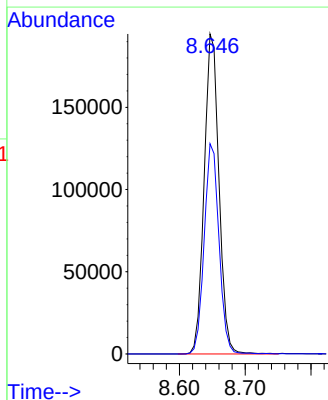
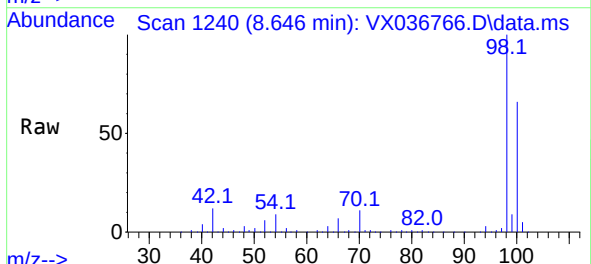
Instrument :
MSVOA_X
ClientSampleId :
IBLK

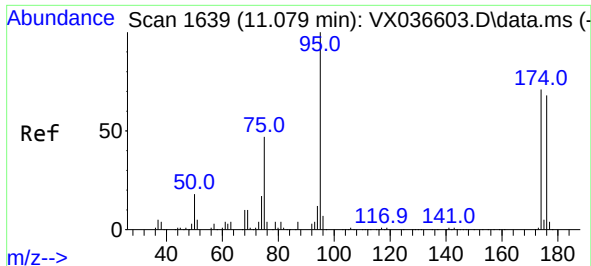
Tgt Ion:117 Resp: 15011
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.338 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

Tgt Ion: 98 Resp: 304723
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

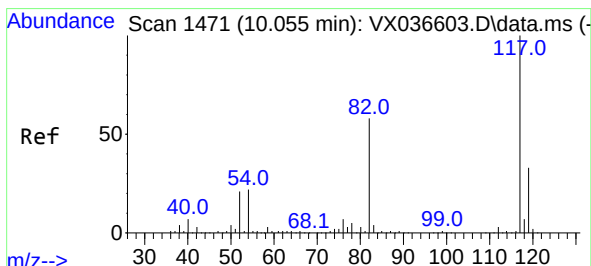
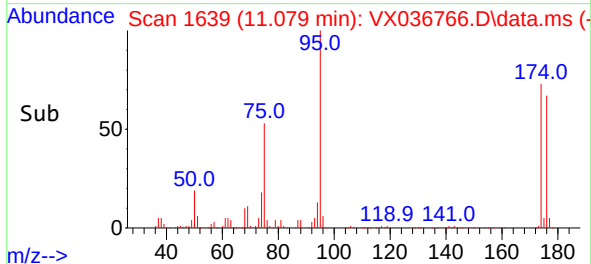
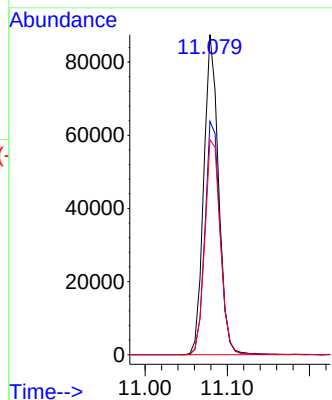
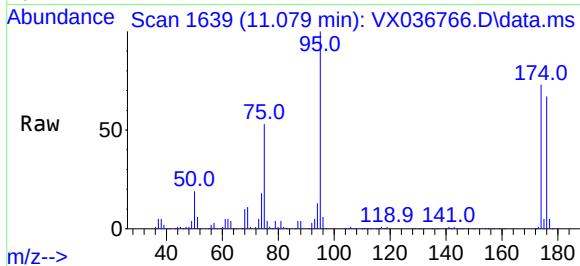




#62
4-Bromofluorobenzene
Concen: 46.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

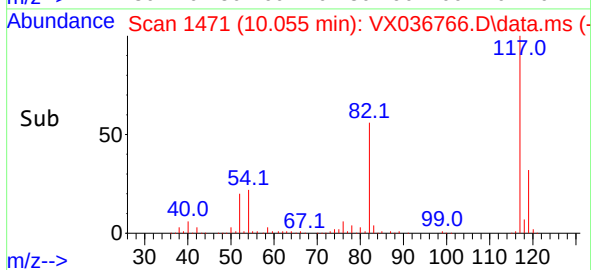
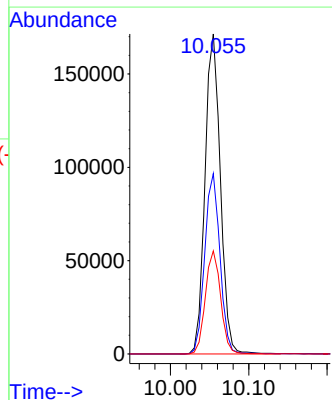
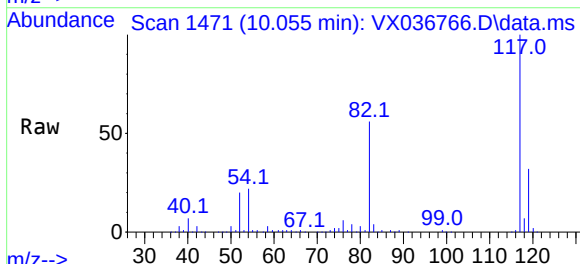
Instrument :
MSVOA_X
ClientSampleId :
IBLK

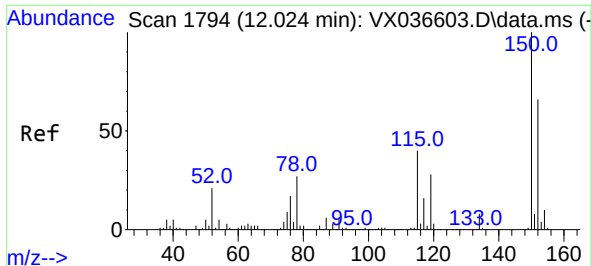
Tgt Ion: 95 Resp: 109180
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

Tgt Ion: 117 Resp: 233443
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.2 25.5 38.3

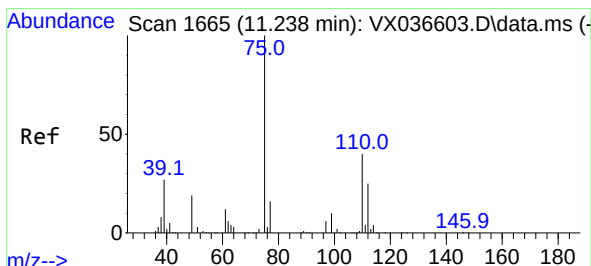
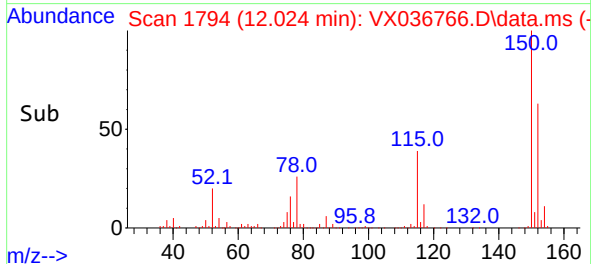
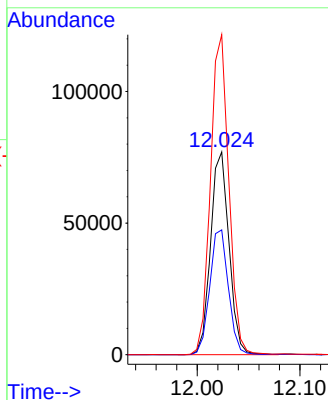
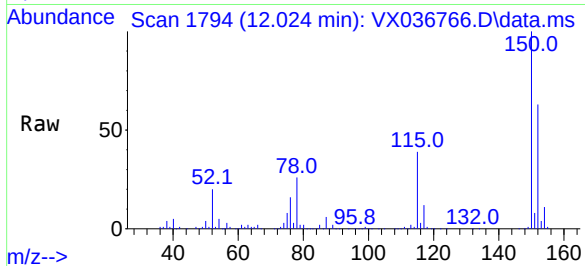




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

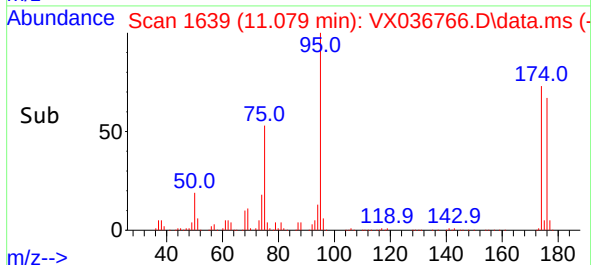
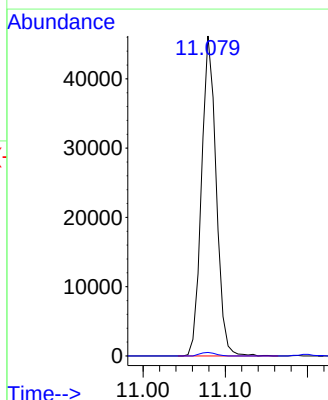
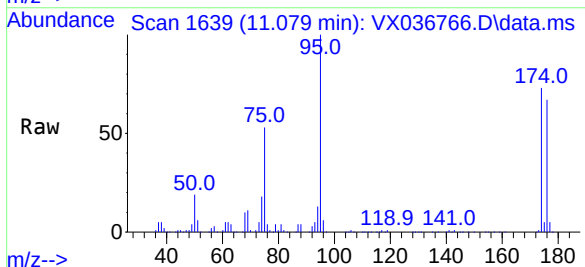
Instrument :
MSVOA_X
ClientSampleId :
IBLK

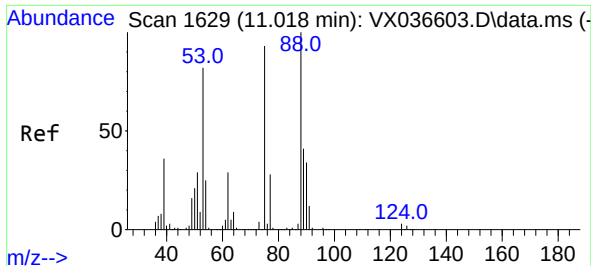
Tgt Ion:152 Resp: 95920
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 157.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

Tgt Ion: 75 Resp: 57238
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

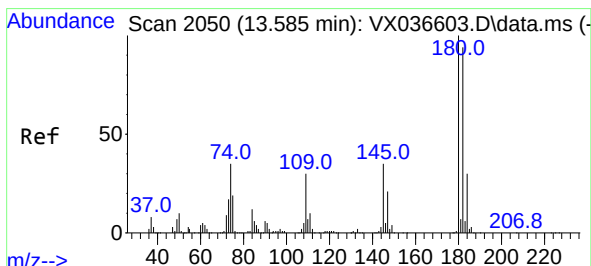
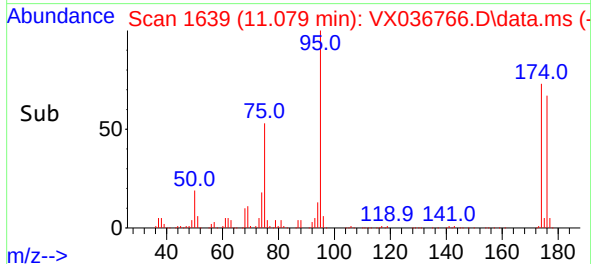
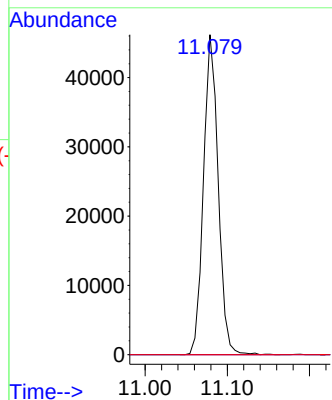
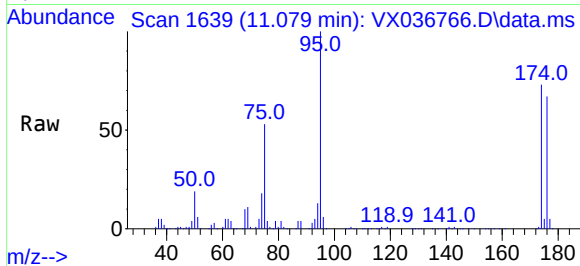




#81
trans-1,4-Dichloro-2-butene
Concen: 57.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

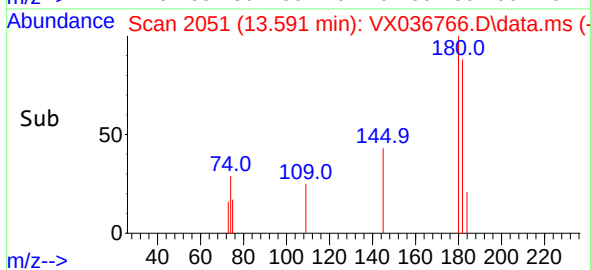
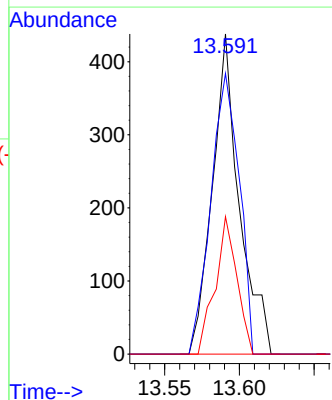
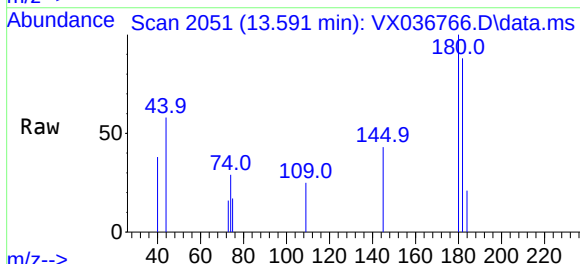
Instrument :
MSVOA_X
ClientSampleId :
IBLK

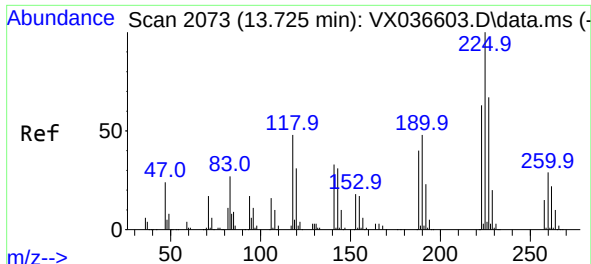
Tgt Ion: 75 Resp: 57238
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.276 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

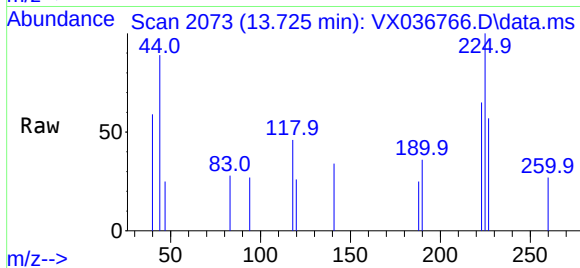
Tgt Ion:180 Resp: 549
Ion Ratio Lower Upper
180 100
182 92.3 48.3 144.8
145 34.4 18.0 54.0



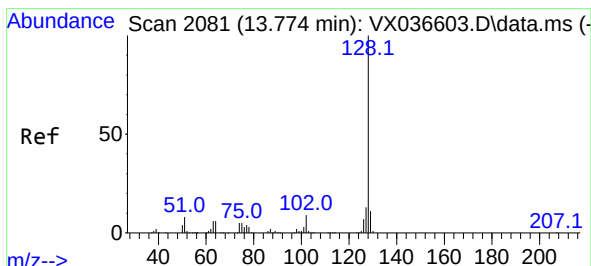
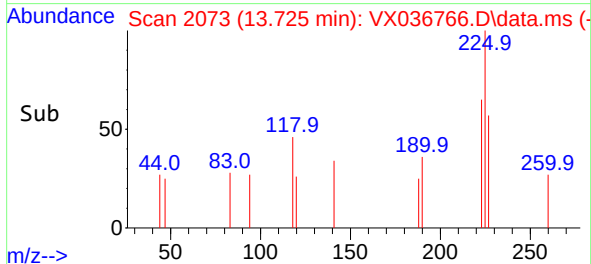
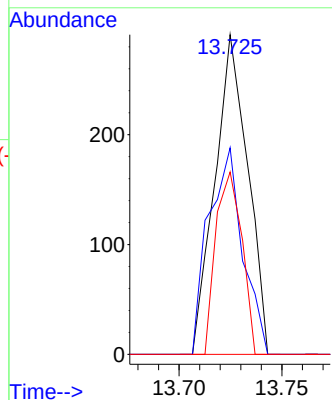


#94
Hexachlorobutadiene
Concen: 0.393 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

Instrument :
MSVOA_X
ClientSampleId :
IBLK

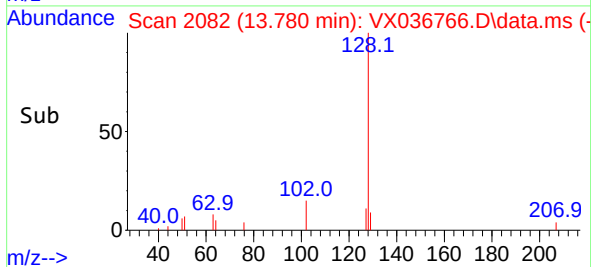
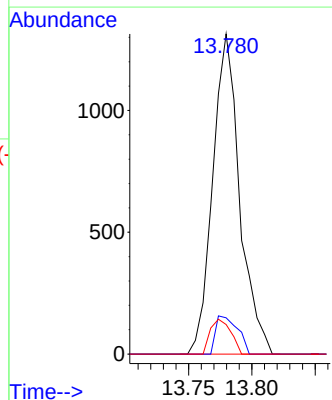
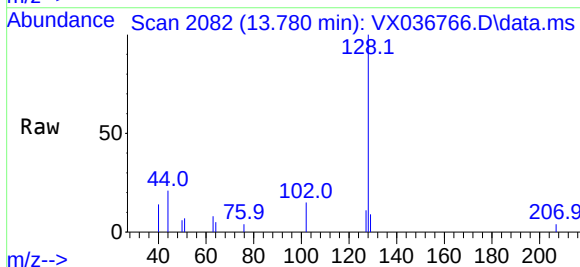


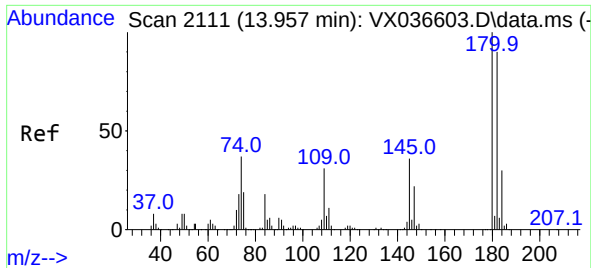
Tgt Ion:225 Resp: 324
Ion Ratio Lower Upper
225 100
223 66.7 31.1 93.2
227 45.1 32.5 97.5



#95
Naphthalene
Concen: 0.280 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036766.D
Acq: 02 Aug 2023 13:30

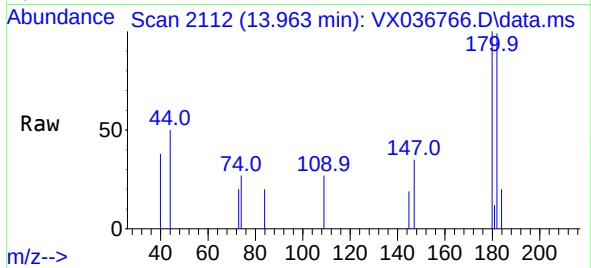
Tgt Ion:128 Resp: 1945
Ion Ratio Lower Upper
128 100
127 9.7 10.3 15.5#
129 8.3 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.305 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX036766.D
 Acq: 02 Aug 2023 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	598
Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.9	140.6
145	22.6	17.8	53.5

