

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034770.D
 Acq On : 28 Mar 2023 00:29
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 28 05:48:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 05:37:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	29060	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	208227	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	214888	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	87186	37.260	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 124.200%#	
60) 4-Bromofluorobenzene	11.079	95	118300	30.532	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.767%	
63) Toluene-d8	8.647	98	224929	32.569	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 108.567%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	887	0.339	ug/l	96
3) Chloromethane	1.294	50	783	0.252	ug/l	91
4) Vinyl Chloride	1.374	62	894	0.297	ug/l	93
5) Bromomethane	1.617	94	718	0.363	ug/l	91
7) Trichlorofluoromethane	1.892	101	1275	0.284	ug/l #	74
9) 1,1,2-Trichlorotrifluo...	2.337	101	977	0.375	ug/l	55
10) 1,1-Dichloroethene	2.331	96	905	0.350	ug/l #	71
11) Methyl Iodide	2.459	142	1406	0.371	ug/l #	90
13) Acrolein	2.239	56	978	1.744	ug/l	90
14) Acrylonitrile	3.068	53	2286	1.518	ug/l	96
16) Carbon Disulfide	2.514	76	11402	1.782	ug/l	100
17) Allyl chloride	2.666	41	1241	0.262	ug/l	88
18) Methylene Chloride	2.788	84	1401	0.472	ug/l	86
19) trans-1,2-Dichloroethene	3.093	96	1984	0.711	ug/l	86
23) tert-Butyl Alcohol	3.013	59	181	0.333	ug/l #	1
29) 1,1-Dichloropropene	5.696	75	1027	0.252	ug/l	84
37) Trichloroethene	7.141	130	1165	0.350	ug/l	96
38) Methylcyclohexane	7.372	83	1368	0.284	ug/l #	75
40) Dibromomethane	7.586	93	727	0.339	ug/l	56
42) Vinyl Acetate	3.733	43	2656	0.346	ug/l #	80
45) 1,4-Dioxane	7.732	88	84	1.169	ug/l #	11
48) t-1,3-Dichloropropene	8.988	75	990	0.229	ug/l #	63
55) 2-Chloroethyl vinyl ether	8.256	63	914	0.395	ug/l #	74
58) 4-Methyl-2-Pentanone	8.580	43	835	0.207	ug/l #	94
59) 2-Hexanone	9.451	43	821	0.271	ug/l #	87
61) Tetrachloroethene	9.275	164	1198	0.425	ug/l #	85
64) Chlorobenzene	10.079	112	2097	0.262	ug/l	94
66) Ethyl Benzene	10.195	91	2826	0.204	ug/l	89
67) m/p-Xylenes	10.305	106	2326	0.430	ug/l	93
70) Isopropylbenzene	10.963	105	2813	0.204	ug/l	91
73) Bromobenzene	11.201	156	974	0.266	ug/l	71
74) n-propylbenzene	11.305	91	4706	0.299	ug/l	98
75) 2-Chlorotoluene	11.366	91	2734	0.289	ug/l	92
76) 1,3,5-Trimethylbenzene	11.451	105	2772	0.243	ug/l	96
78) 4-Chlorotoluene	11.457	91	3389	0.318	ug/l	92
79) tert-butylbenzene	11.713	119	2794	0.242	ug/l	81
80) 1,2,4-Trimethylbenzene	11.756	105	2935	0.259	ug/l	99
81) sec-Butylbenzene	11.890	105	6563	0.468	ug/l	96
82) p-Isopropyltoluene	12.012	119	5014	0.417	ug/l	94

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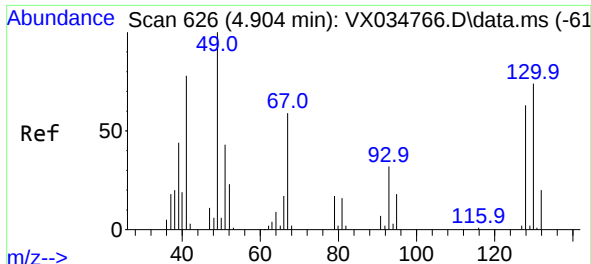
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 28 05:48:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) 1,3-Dichlorobenzene	11.975	146	2880	0.432	ug/l	94
84) 1,4-Dichlorobenzene	12.042	146	3417	0.511	ug/l	90
85) n-Butylbenzene	12.335	91	9774	0.987	ug/l	96
86) Hexachloroethane	12.536	117	586	0.308	ug/l #	49
87) 1,2-Dichlorobenzene	12.341	146	2050	0.318	ug/l	89
88) 1,2-Dibromo-3-Chloropr...	12.951	75	179	0.206	ug/l #	1
89) 1,2,4-Trichlorobenzene	13.591	180	4848	1.113	ug/l	92
90) Hexachlorobutadiene	13.725	225	8762	4.416	ug/l	93
91) Naphthalene	13.780	128	11738	0.881	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	4973	1.158	ug/l	90

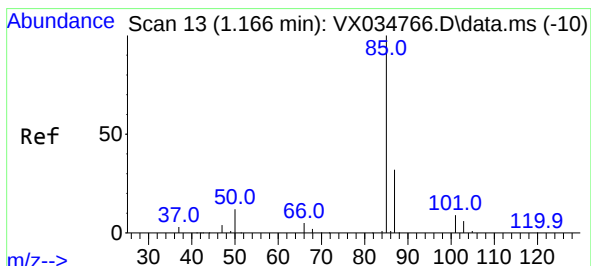
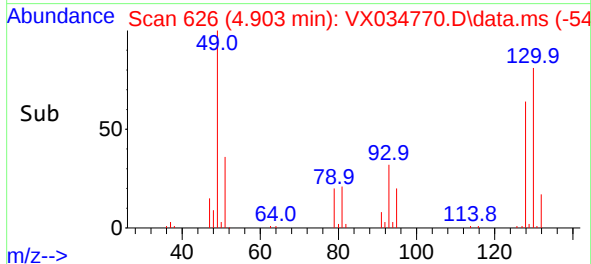
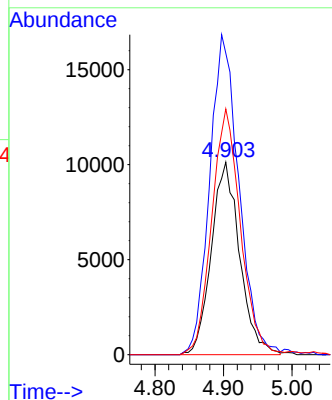
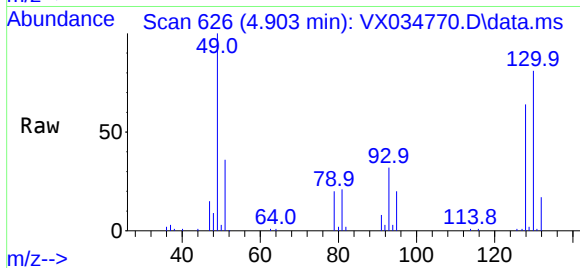
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

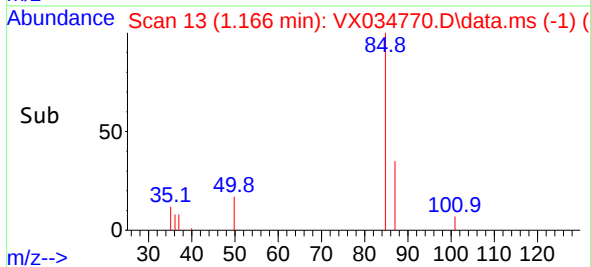
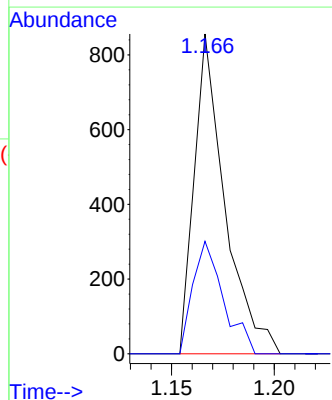
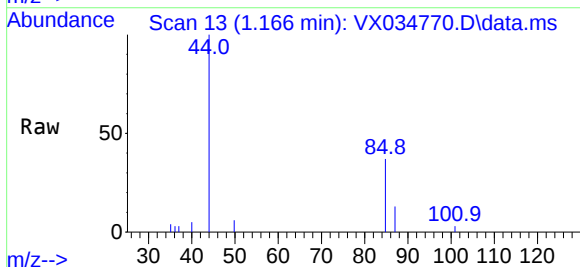
Instrument :
MSVOA_X
ClientSampleId :
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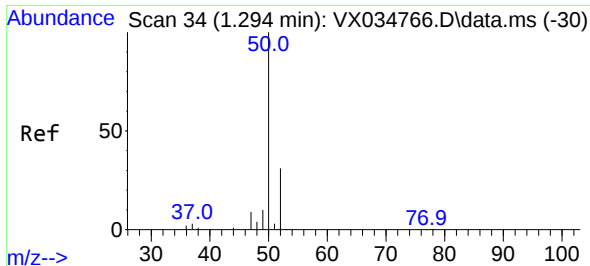
Tgt Ion:128 Resp: 29060
Ion Ratio Lower Upper
128 100
49 170.6 0.0 369.0
130 129.6 0.0 327.5



#2
Dichlorodifluoromethane
Concen: 0.339 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 85 Resp: 887
Ion Ratio Lower Upper
85 100
87 35.2 16.4 49.1

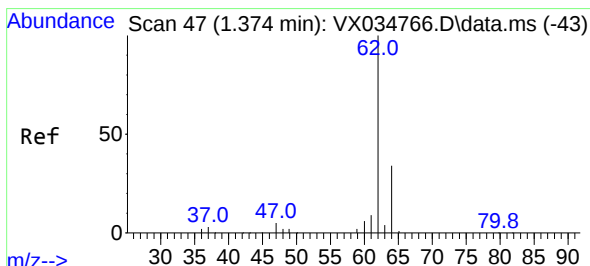
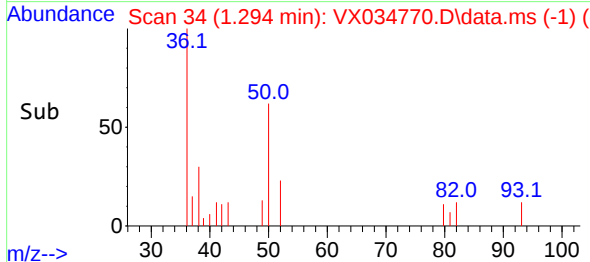
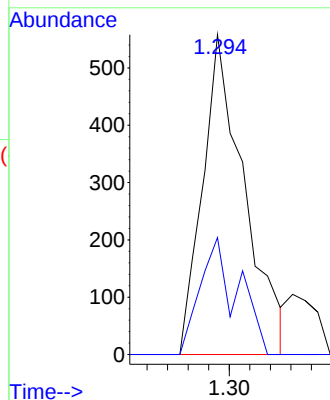
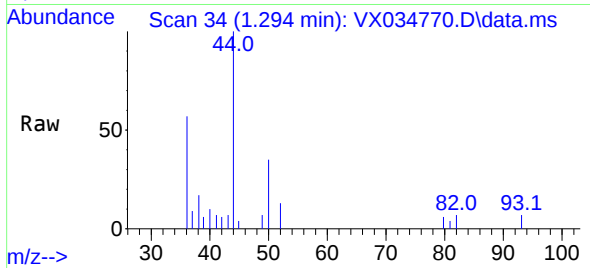




#3
Chloromethane
Concen: 0.252 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

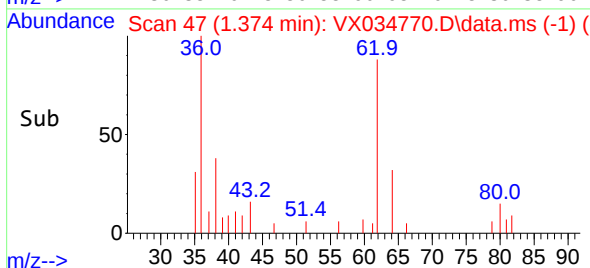
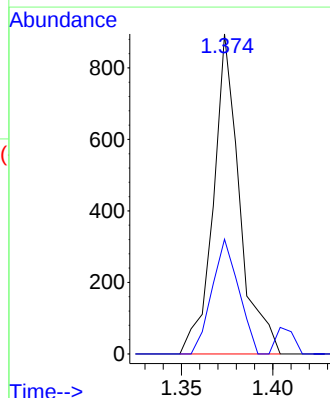
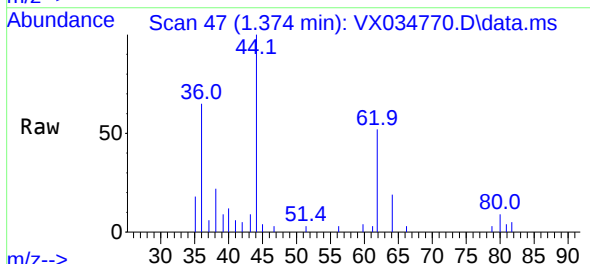
Instrument :
MSVOA_X
ClientSampleId :
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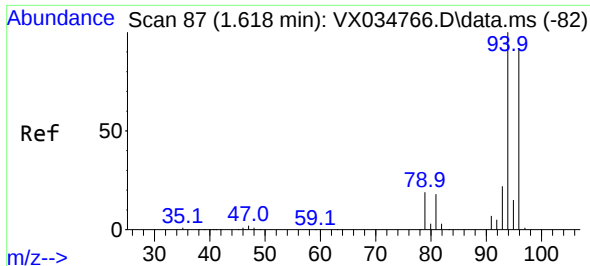
Tgt Ion: 50 Resp: 783
Ion Ratio Lower Upper
50 100
52 36.6 25.1 37.7



#4
Vinyl Chloride
Concen: 0.297 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 62 Resp: 894
Ion Ratio Lower Upper
62 100
64 35.9 25.4 38.2

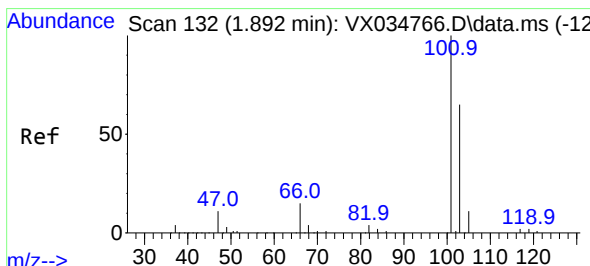
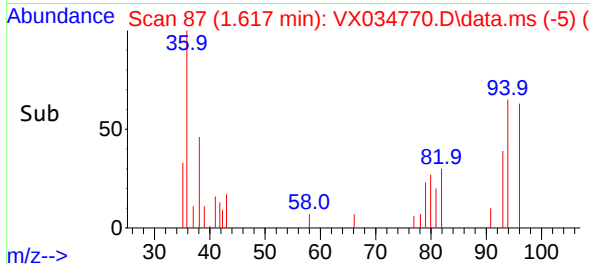
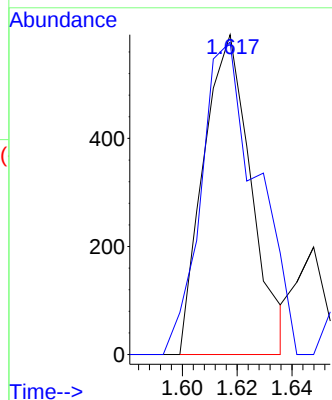
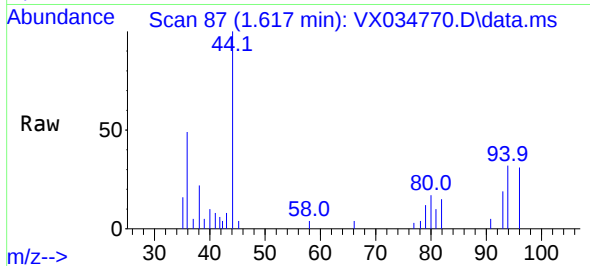




#5
Bromomethane
Concen: 0.363 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

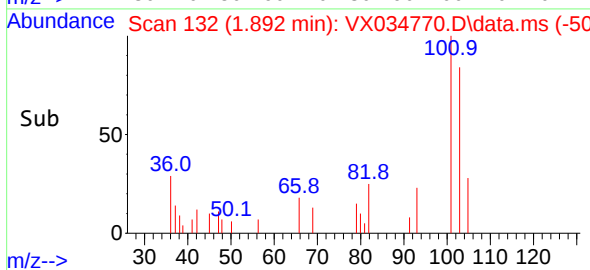
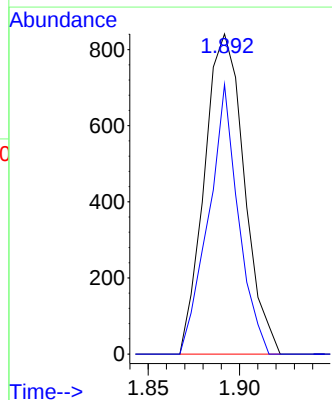
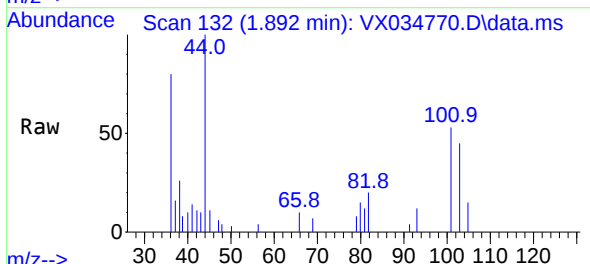
Instrument :
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ClientSampleId :
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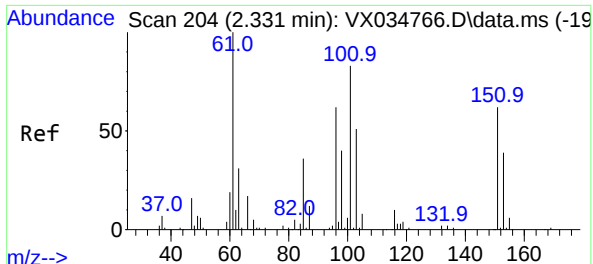
Tgt Ion: 94 Resp: 718
Ion Ratio Lower Upper
94 100
96 84.5 74.8 112.2



#7
Trichlorofluoromethane
Concen: 0.284 ug/l
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 101 Resp: 1275
Ion Ratio Lower Upper
101 100
103 84.2 51.4 77.0#

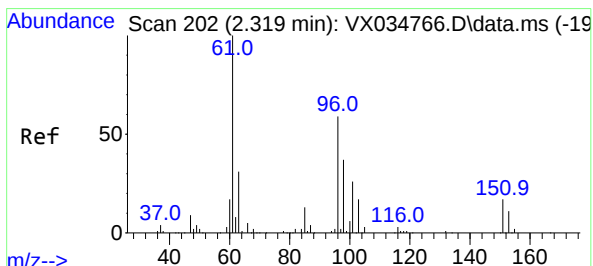
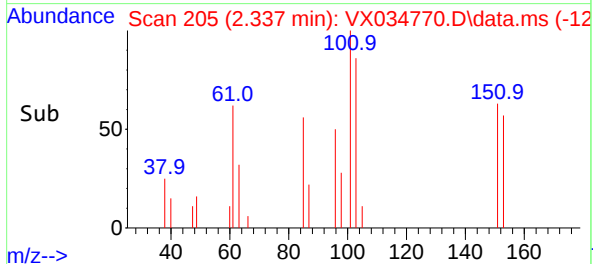
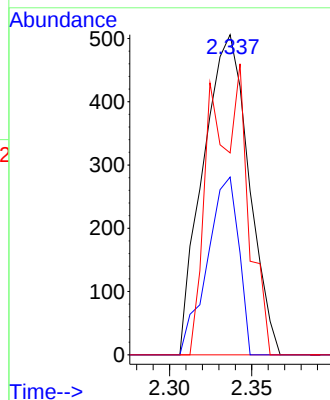
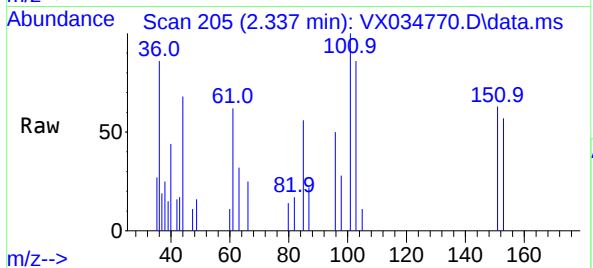




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.375 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

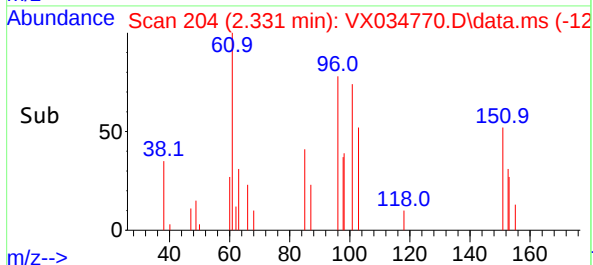
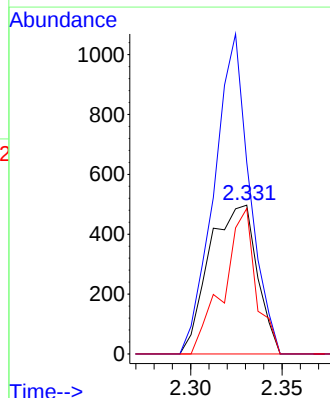
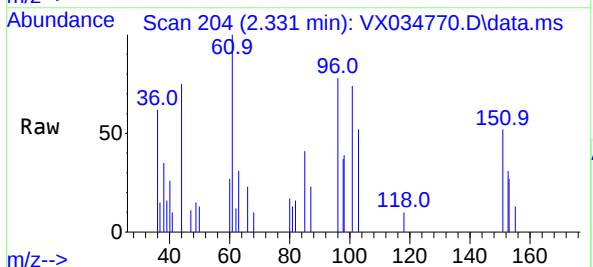
Instrument :
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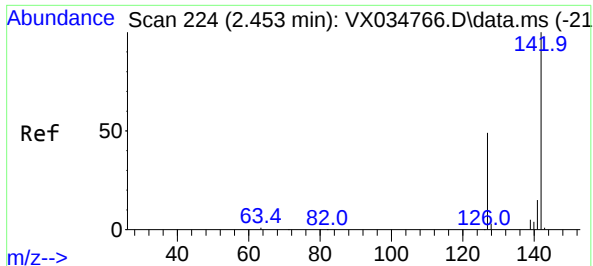
Tgt Ion:101 Resp: 977
Ion Ratio Lower Upper
101 100
85 38.1 0.0 83.0
151 28.1 0.0 174.6



#10
1,1-Dichloroethene
Concen: 0.350 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.012 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 96 Resp: 905
Ion Ratio Lower Upper
96 100
61 128.8 127.5 191.3
98 97.8 51.1 76.7#

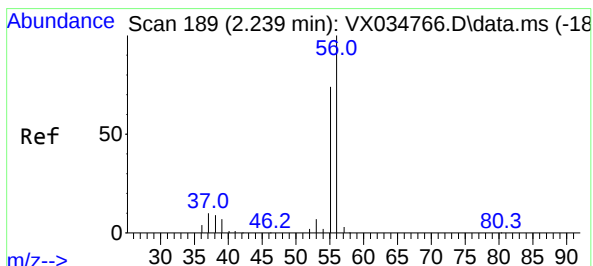
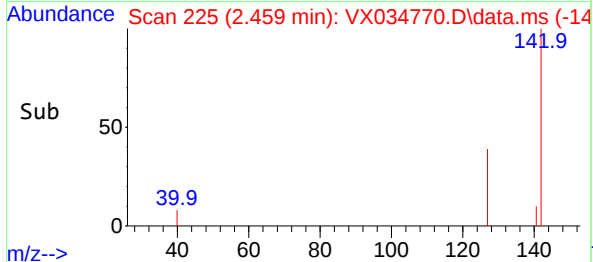
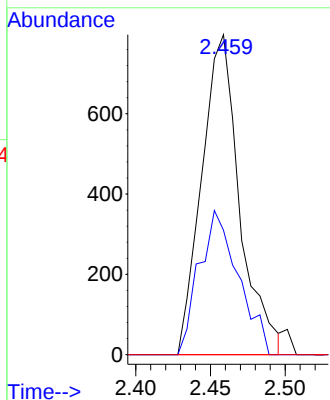
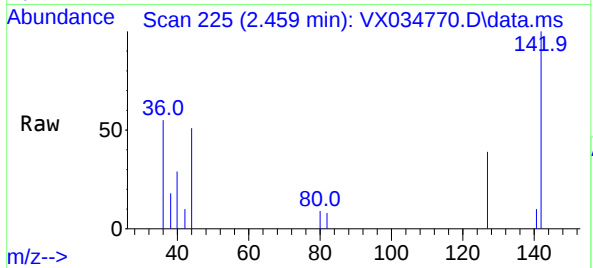




#11
Methyl Iodide
Concen: 0.371 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

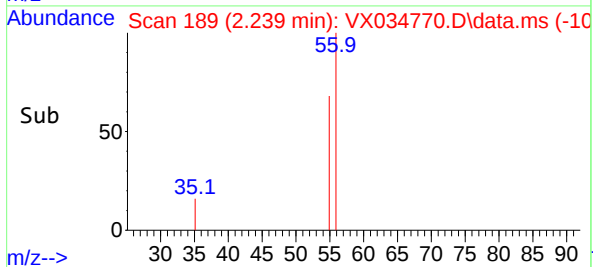
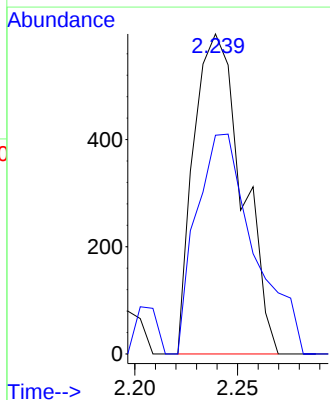
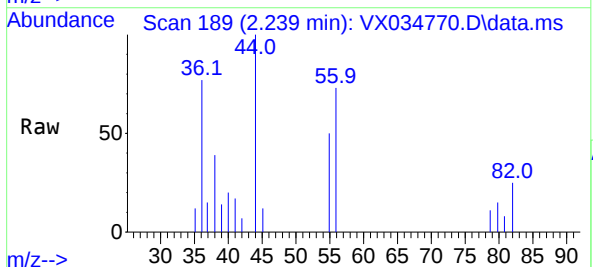
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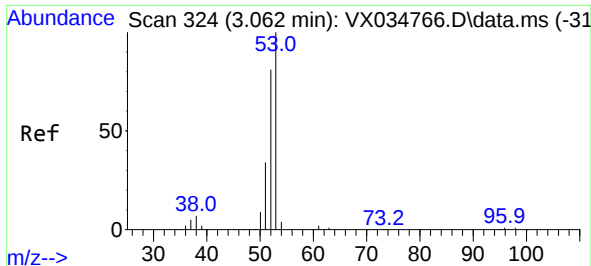
Tgt Ion:142 Resp: 1406
Ion Ratio Lower Upper
142 100
127 40.2 20.7 62.1
141 0.0 7.0 21.0#



#13
Acrolein
Concen: 1.744 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 56 Resp: 978
Ion Ratio Lower Upper
56 100
55 81.7 58.8 88.2





#14

Acrylonitrile

Concen: 1.518 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034770.D

Acq: 28 Mar 2023 00:29

Instrument :

MSVOA_X

ClientSampleId :

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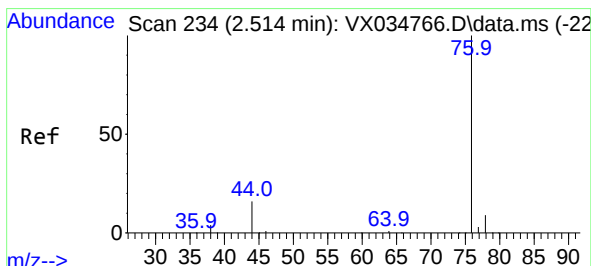
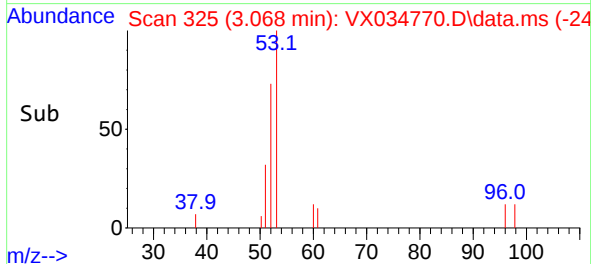
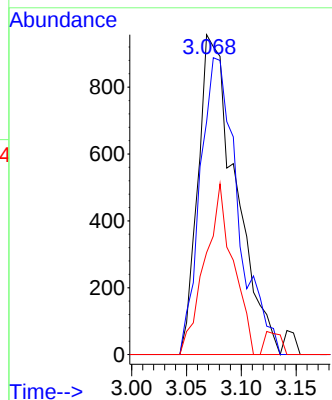
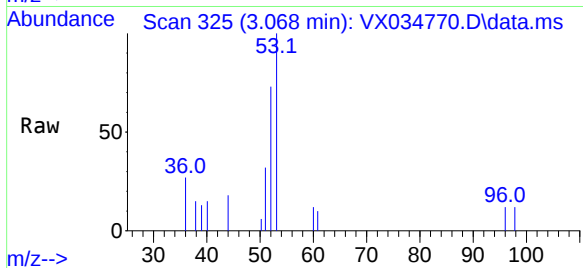
Tgt Ion: 53 Resp: 2286

Ion Ratio Lower Upper

53 100

52 83.8 41.0 123.2

51 39.9 17.6 52.8



#16

Carbon Disulfide

Concen: 1.782 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034770.D

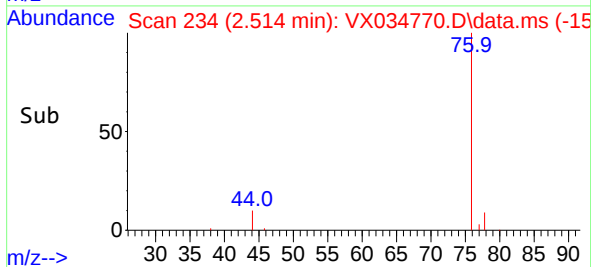
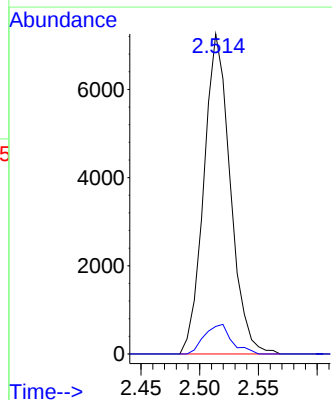
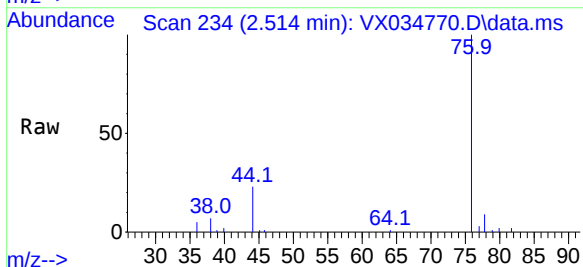
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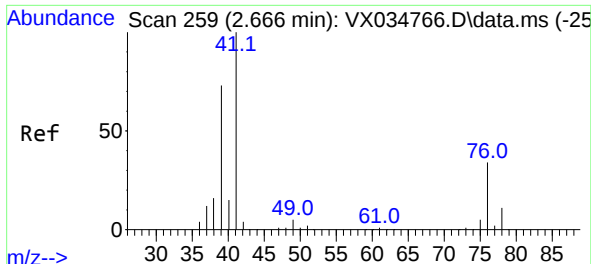
Tgt Ion: 76 Resp: 11402

Ion Ratio Lower Upper

76 100

78 8.6 6.9 10.3

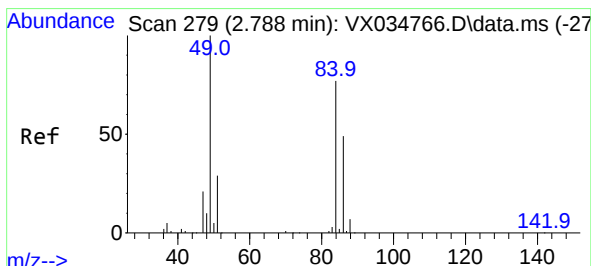
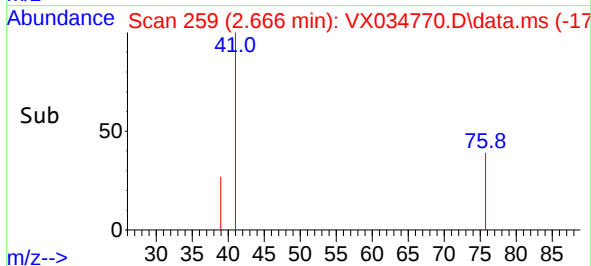
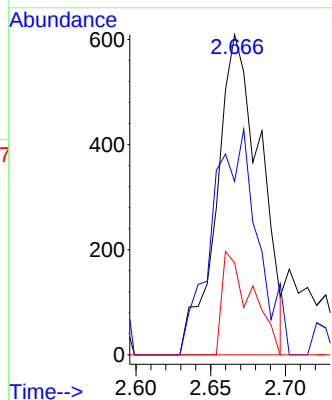
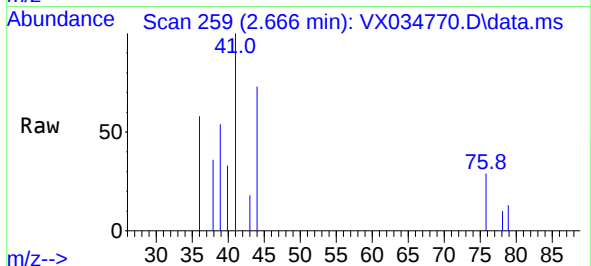




#17
 Allyl chloride
 Concen: 0.262 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX034770.D
 Acq: 28 Mar 2023 00:29

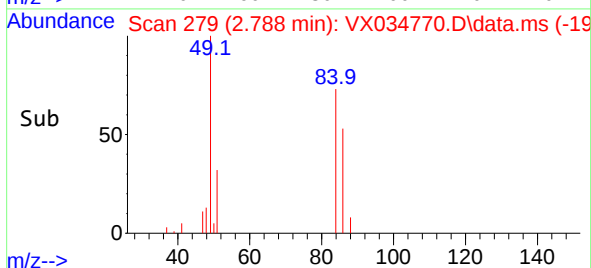
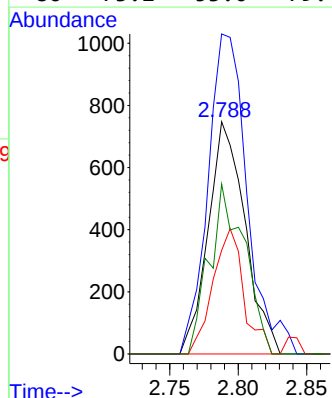
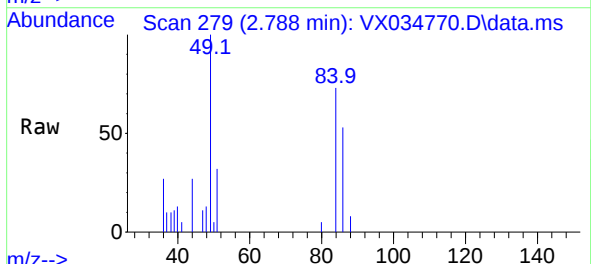
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

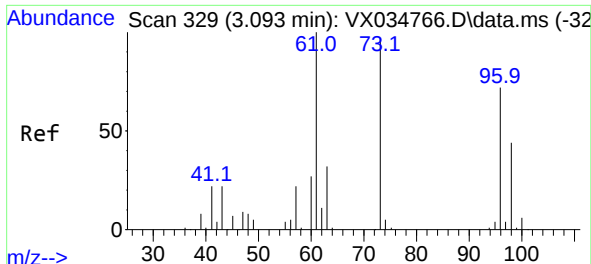
Tgt Ion:	41	Resp:	1241
Ion	Ratio	Lower	Upper
41	100		
39	54.2	32.5	97.4
76	28.7	16.6	49.8



#18
 Methylene Chloride
 Concen: 0.472 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX034770.D
 Acq: 28 Mar 2023 00:29

Tgt Ion:	84	Resp:	1401
Ion	Ratio	Lower	Upper
84	100		
49	137.9	95.0	142.6
51	44.6	30.3	45.5
86	73.2	53.0	79.4

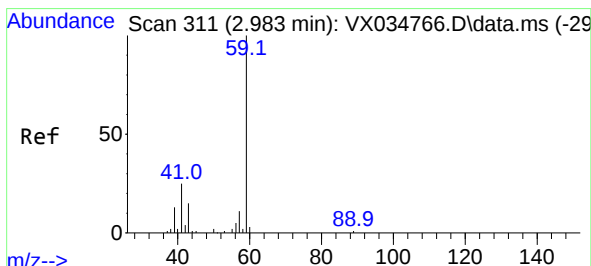
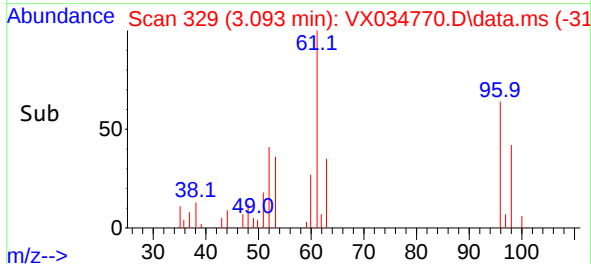
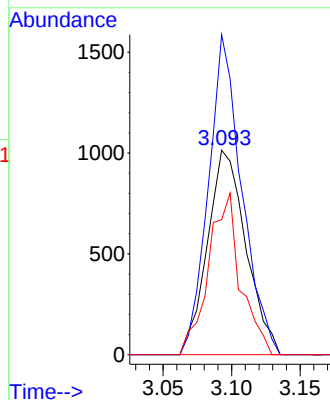
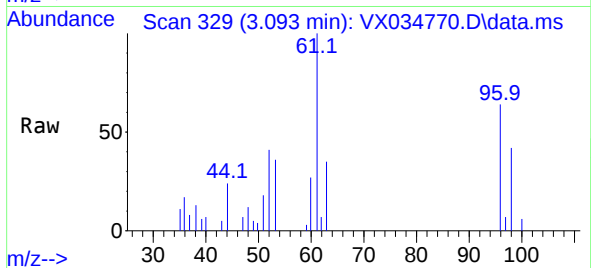




#19
trans-1,2-Dichloroethene
Concen: 0.711 ug/l
RT: 3.093 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

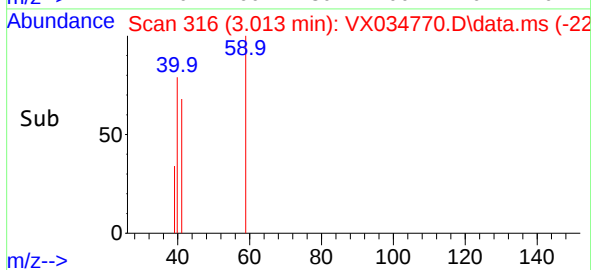
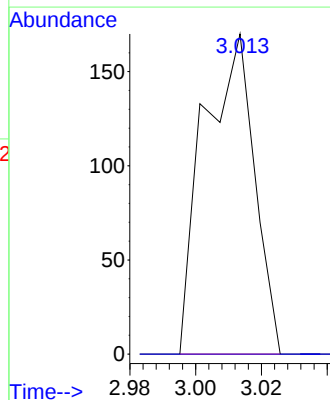
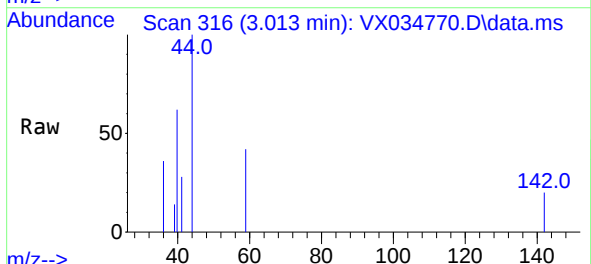
Instrument :
MSVOA_X
ClientSampleId :
IBLK

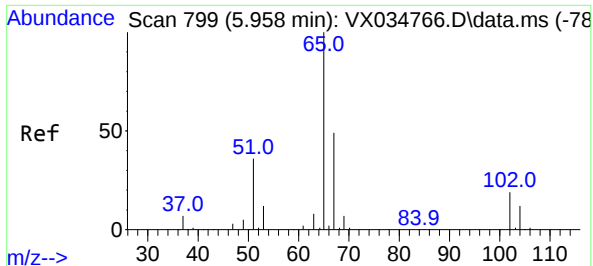
Tgt Ion: 96 Resp: 1984
Ion Ratio Lower Upper
96 100
61 156.5 107.7 161.5
98 66.0 49.8 74.6



#23
tert-Butyl Alcohol
Concen: 0.333 ug/l
RT: 3.013 min Scan# 316
Delta R.T. 0.030 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
52 0.0 186.7 280.1#

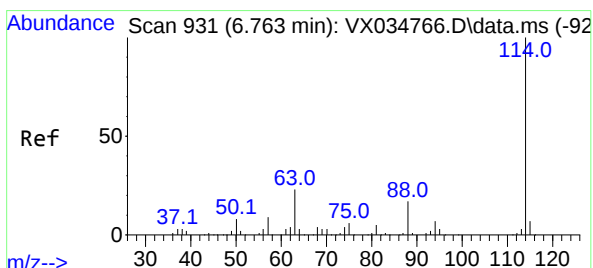
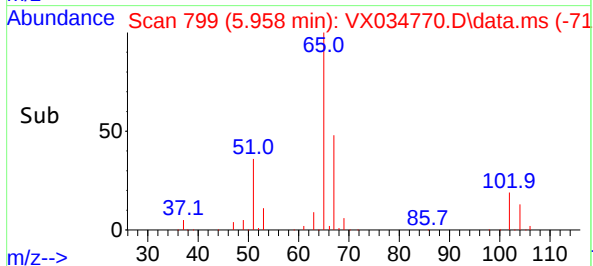
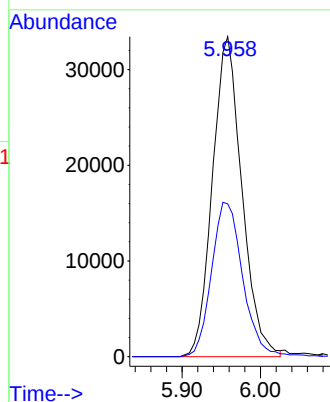
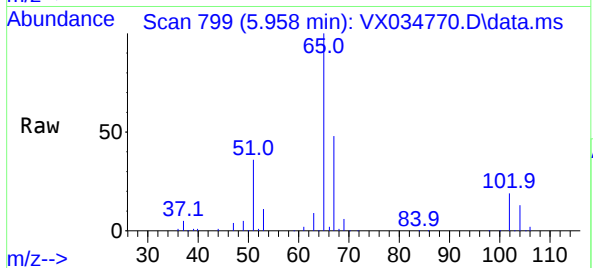




#27
1,2-Dichloroethane-d4
Concen: 37.260 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

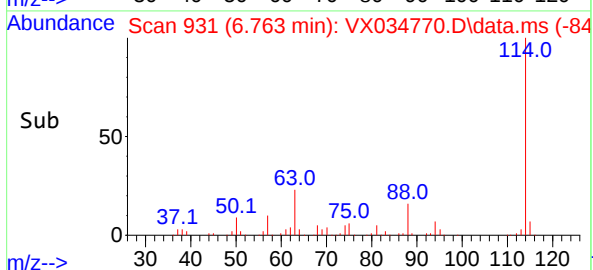
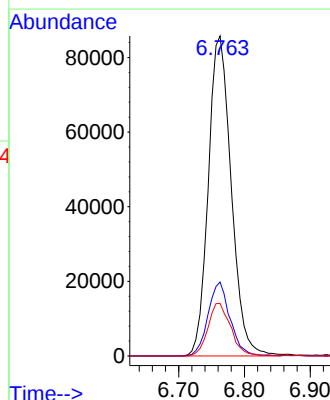
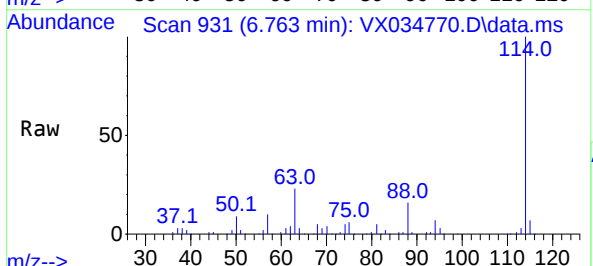
Instrument :
MSVOA_X
ClientSampleId :
IBLK

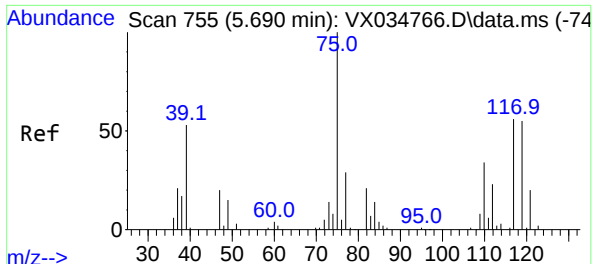
Tgt Ion: 65 Resp: 87186
Ion Ratio Lower Upper
65 100
67 50.9 43.0 64.4



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 114 Resp: 208227
Ion Ratio Lower Upper
114 100
63 22.1 15.2 22.8
88 16.3 12.4 18.6

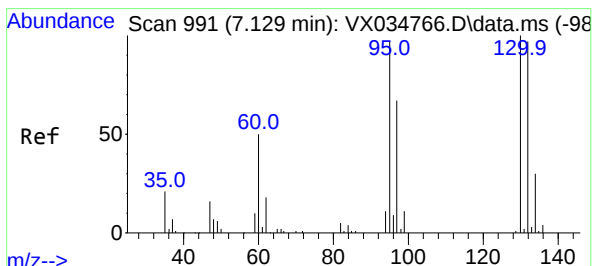
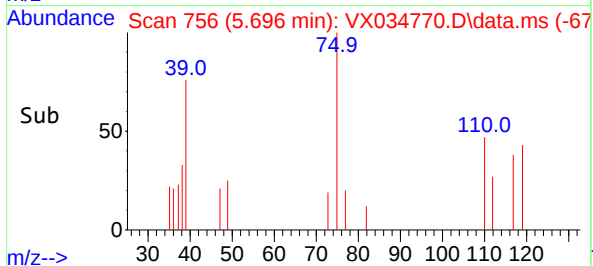
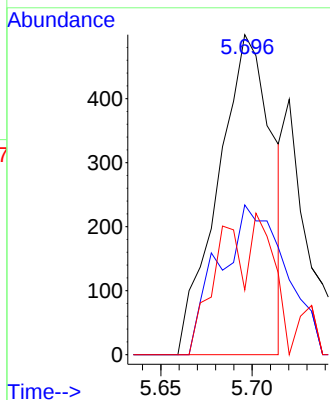
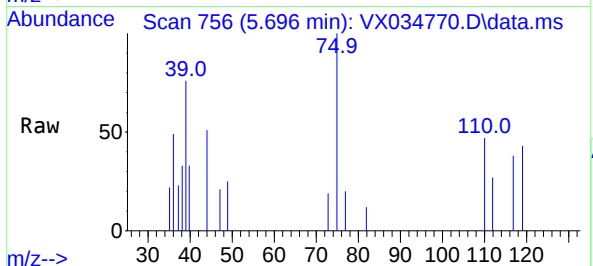




#29
1,1-Dichloropropene
Concen: 0.252 ug/l
RT: 5.696 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

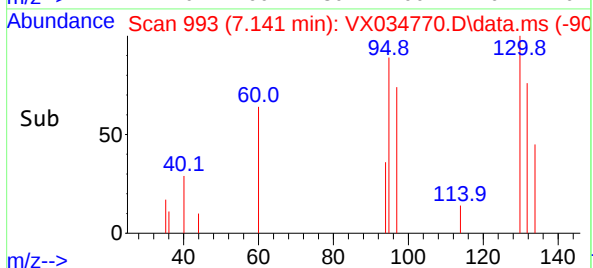
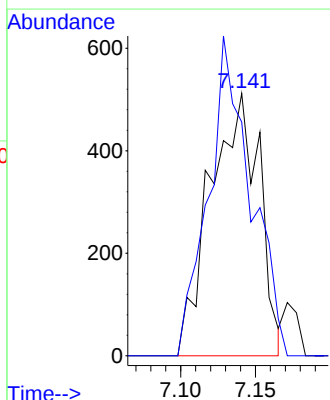
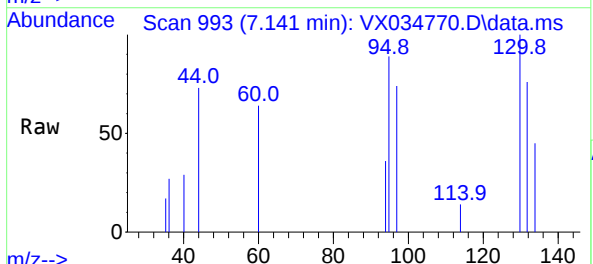
Instrument :
MSVOA_X
ClientSampleId :
IBLK

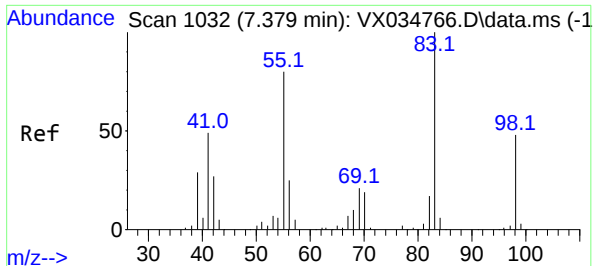
Tgt Ion: 75 Resp: 1027
Ion Ratio Lower Upper
75 100
110 44.0 0.0 75.8
77 19.0 0.0 62.4



#37
Trichloroethene
Concen: 0.350 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion:130 Resp: 1165
Ion Ratio Lower Upper
130 100
95 89.1 74.1 111.1





#38

Methylcyclohexane

Concen: 0.284 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX034770.D

Acq: 28 Mar 2023 00:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

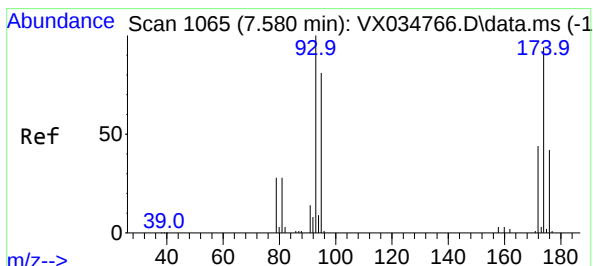
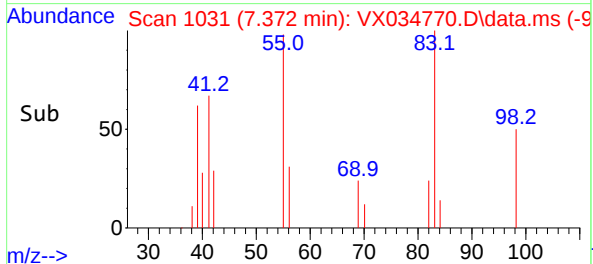
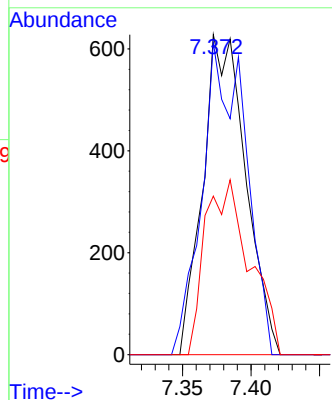
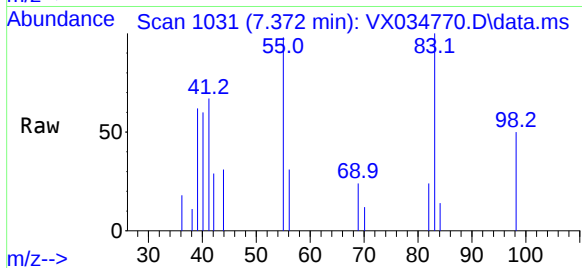
Tgt Ion: 83 Resp: 1368

Ion Ratio Lower Upper

83 100

55 63.0 38.9 116.6

98 25.4 25.4 76.4#



#40

Dibromomethane

Concen: 0.339 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX034770.D

Acq: 28 Mar 2023 00:29

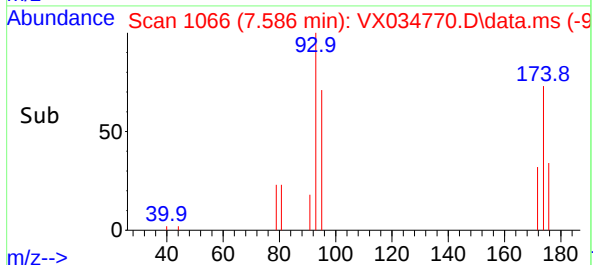
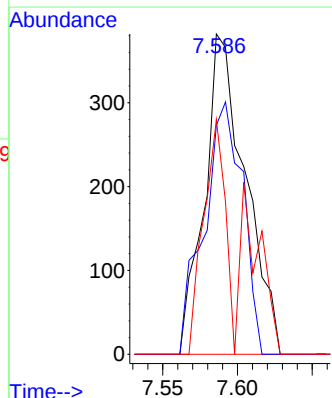
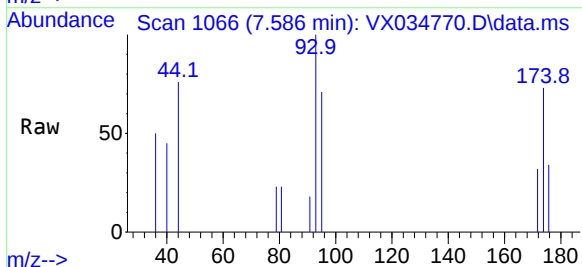
Tgt Ion: 93 Resp: 727

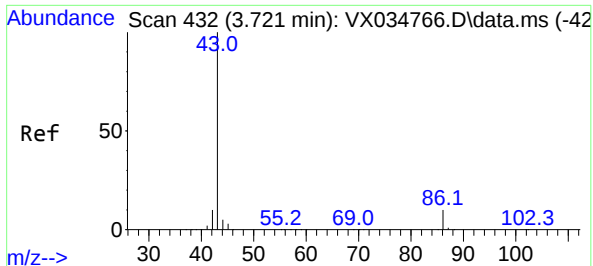
Ion Ratio Lower Upper

93 100

95 74.4 0.0 165.4

174 38.9 0.0 227.2

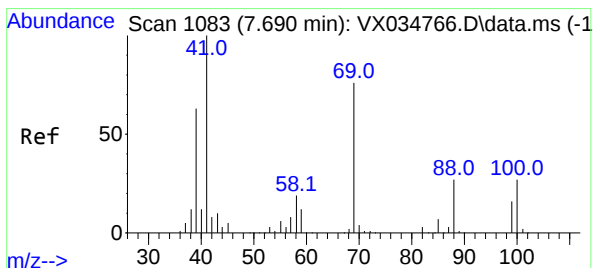
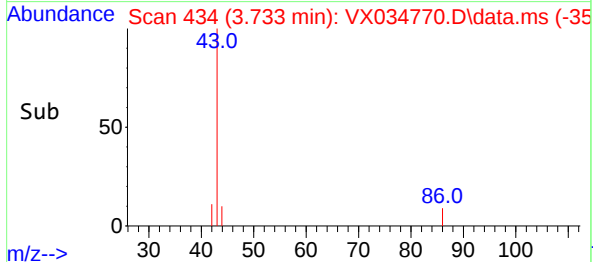
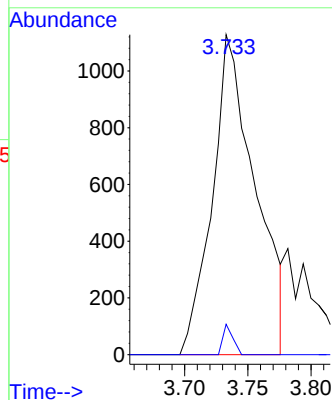
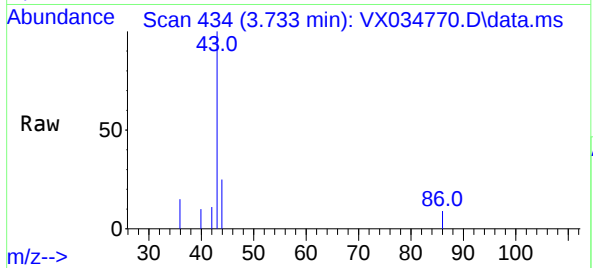




#42
 Vinyl Acetate
 Concen: 0.346 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX034770.D
 Acq: 28 Mar 2023 00:29

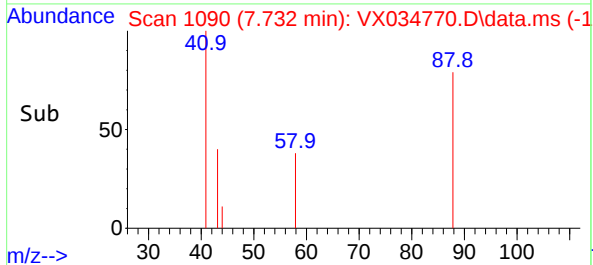
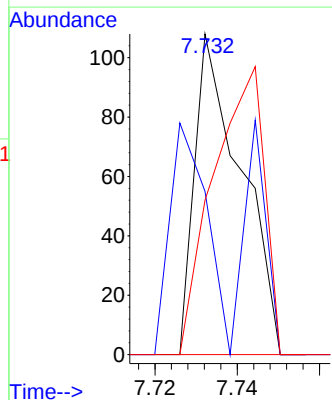
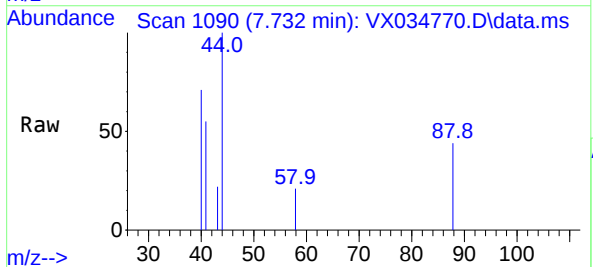
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

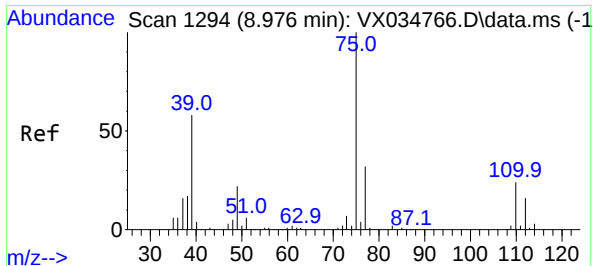
Tgt Ion: 43 Resp: 2656
 Ion Ratio Lower Upper
 43 100
 86 2.2 7.5 11.3#



#45
 1,4-Dioxane
 Concen: 1.169 ug/l
 RT: 7.732 min Scan# 1090
 Delta R.T. 0.043 min
 Lab File: VX034770.D
 Acq: 28 Mar 2023 00:29

Tgt Ion: 88 Resp: 84
 Ion Ratio Lower Upper
 88 100
 43 58.3 2.8 4.2#
 58 0.0 56.5 84.7#

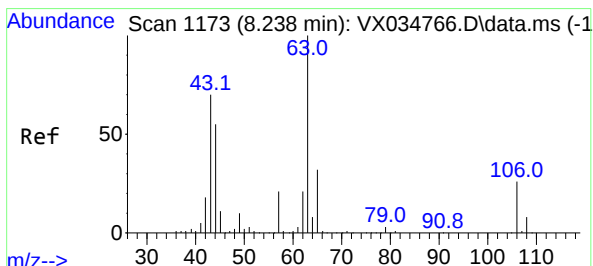
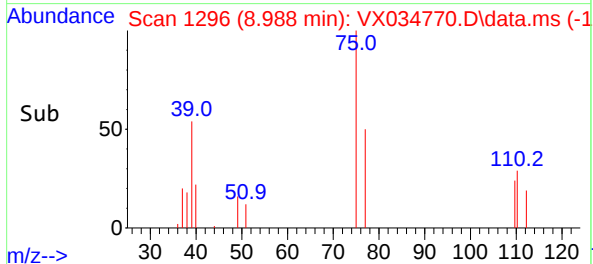
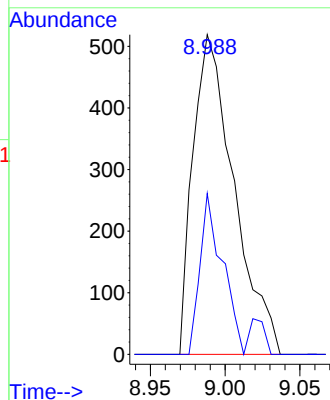
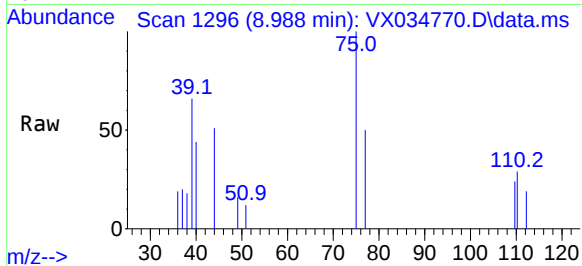




#48
t-1,3-Dichloropropene
Concen: 0.229 ug/l
RT: 8.988 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

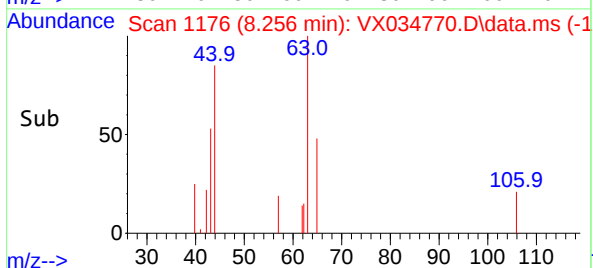
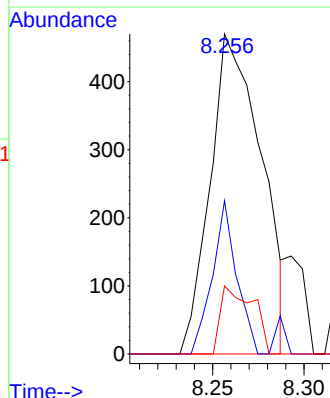
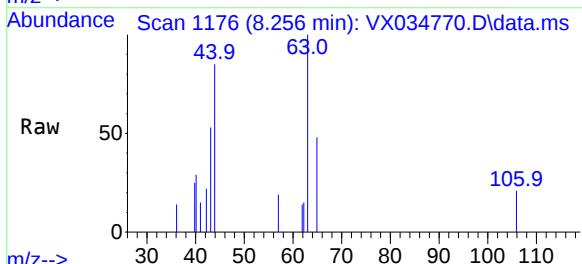
Instrument :
MSVOA_X
ClientSampleId :
IBLK

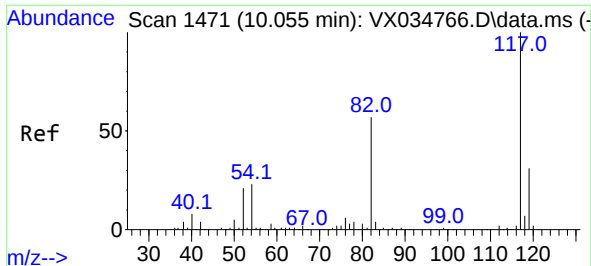
Tgt Ion: 75 Resp: 990
Ion Ratio Lower Upper
75 100
77 50.3 24.0 36.0#



#55
2-Chloroethyl vinyl ether
Concen: 0.395 ug/l
RT: 8.256 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 63 Resp: 914
Ion Ratio Lower Upper
63 100
65 22.9 25.4 38.2#
106 10.3 23.9 35.9#

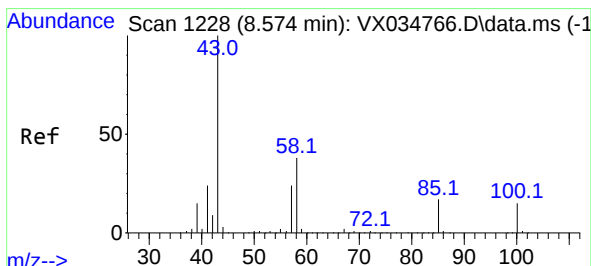
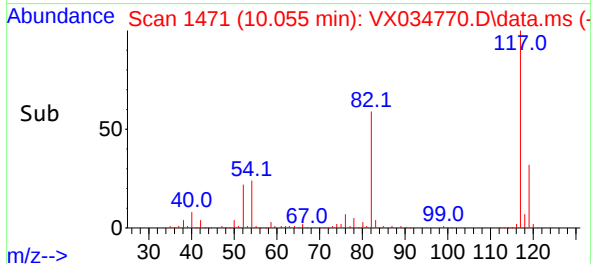
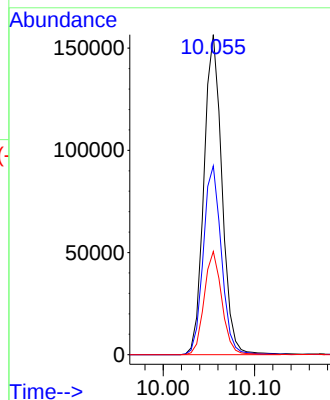
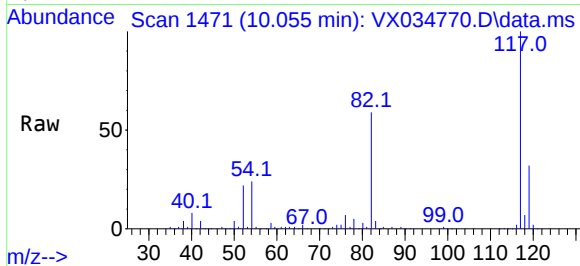




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

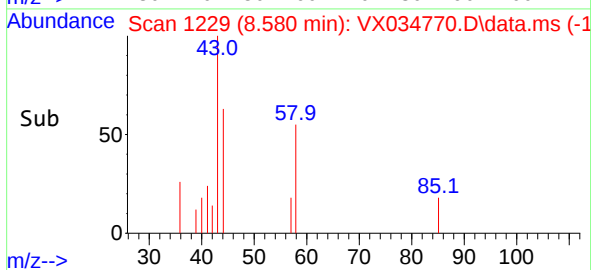
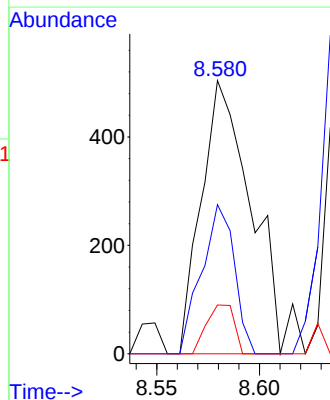
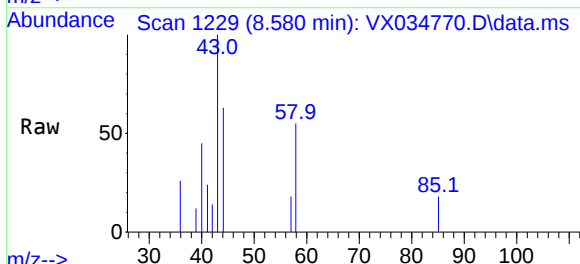
Instrument :
MSVOA_X
ClientSampleId :
IBLK

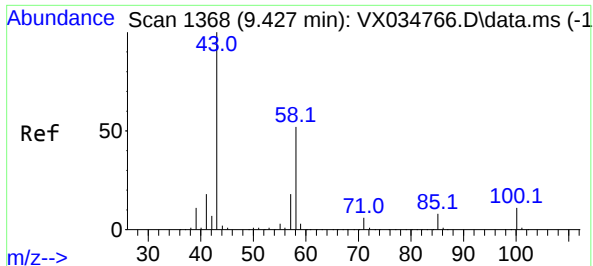
Tgt Ion:117 Resp: 214888
Ion Ratio Lower Upper
117 100
82 59.2 42.6 64.0
119 31.7 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 0.207 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.6
85 10.1 13.7 20.5

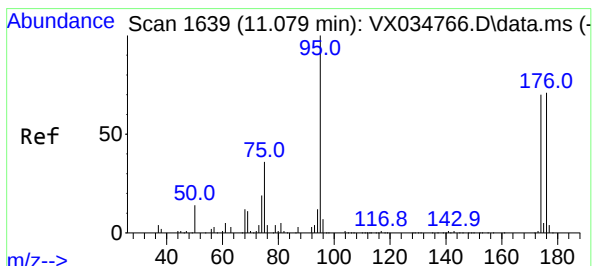
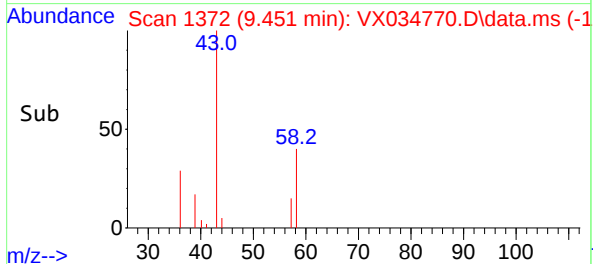
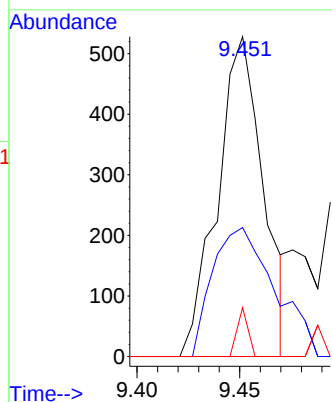
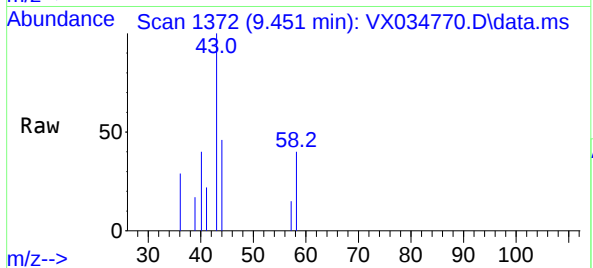




#59
2-Hexanone
Concen: 0.271 ug/l
RT: 9.451 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

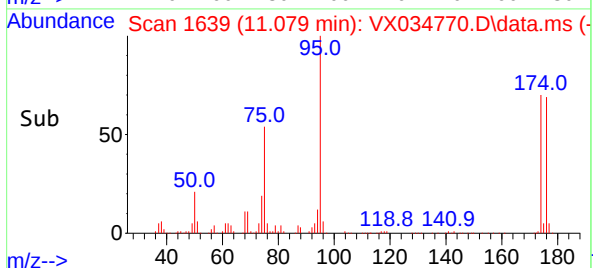
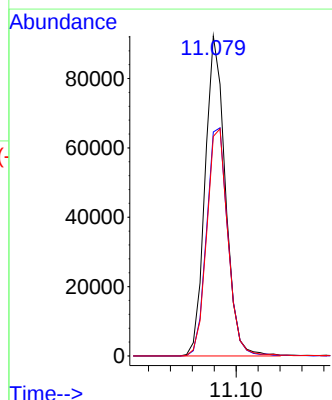
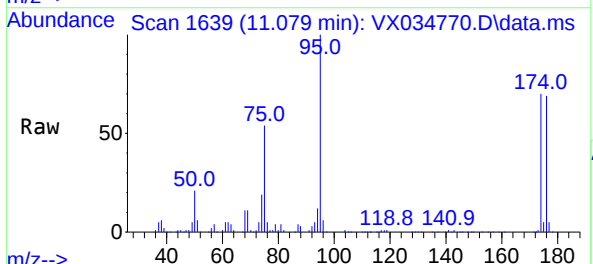
Instrument :
MSVOA_X
ClientSampleId :
IBLK

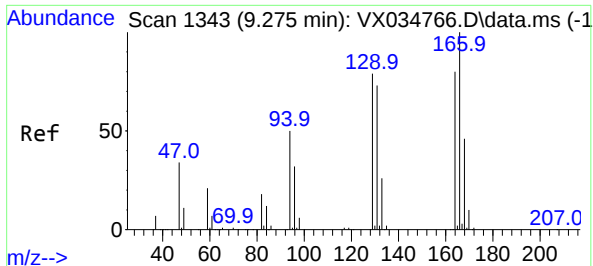
Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 54.6 41.6 62.4
57 0.0 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 30.532 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 95 Resp: 118300
Ion Ratio Lower Upper
95 100
174 75.1 74.6 111.8
176 73.7 72.2 108.2

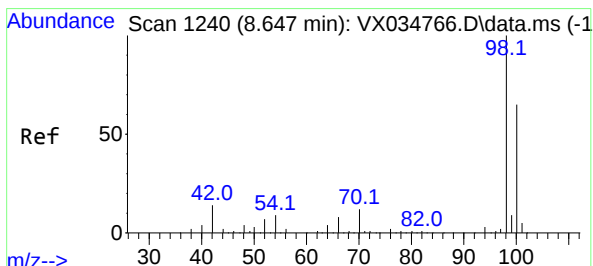
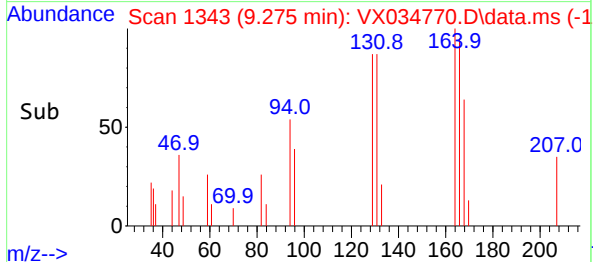
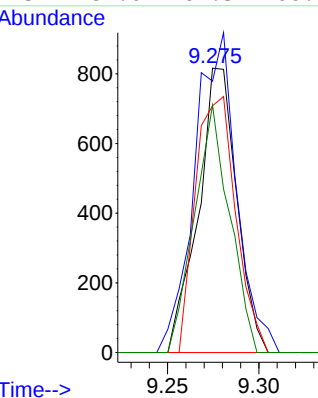
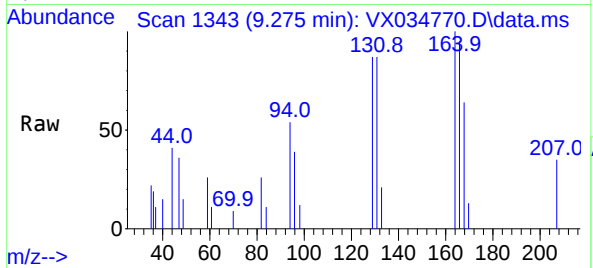




#61
Tetrachloroethene
Concen: 0.425 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

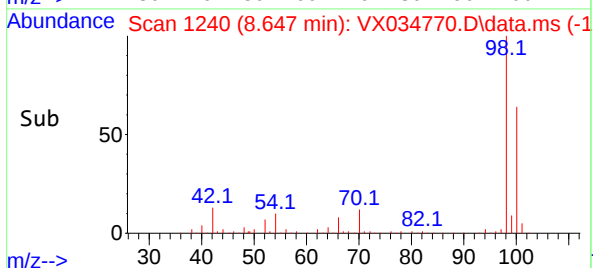
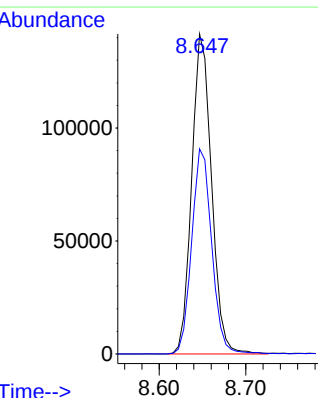
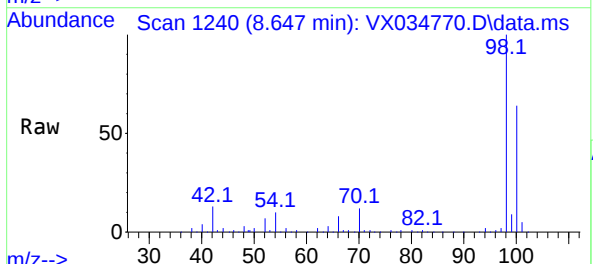
Instrument :
MSVOA_X
ClientSampleId :
IBLK

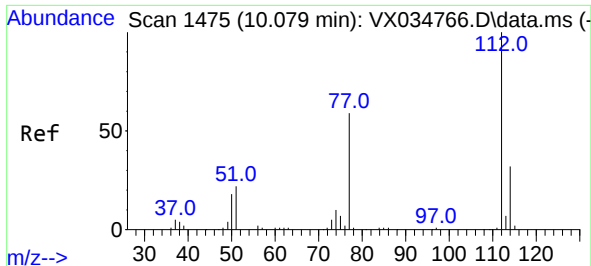
Tgt Ion:164 Resp: 1198
Ion Ratio Lower Upper
164 100
166 87.3 100.6 151.0#
129 86.8 69.9 104.9
131 87.0 67.3 100.9



#63
Toluene-d8
Concen: 32.569 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 98 Resp: 224929
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

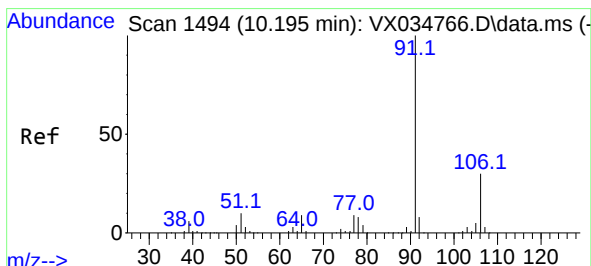
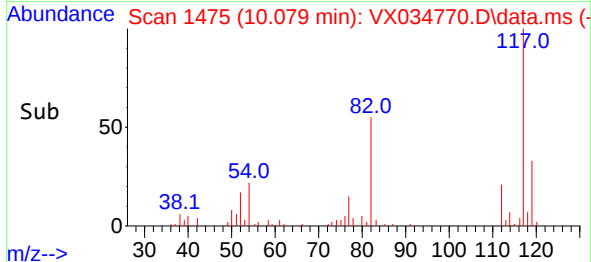
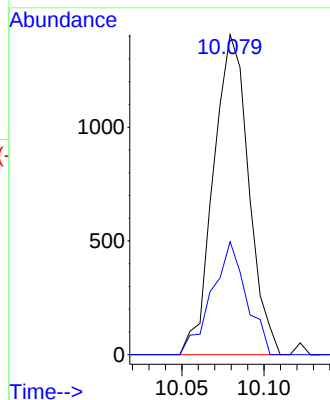
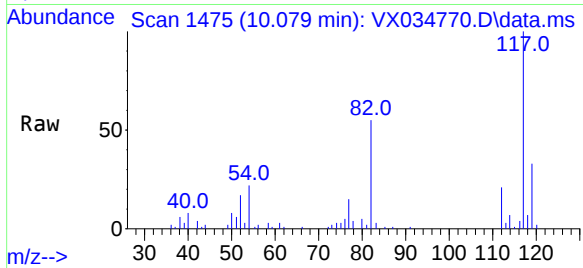




#64
Chlorobenzene
Concen: 0.262 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

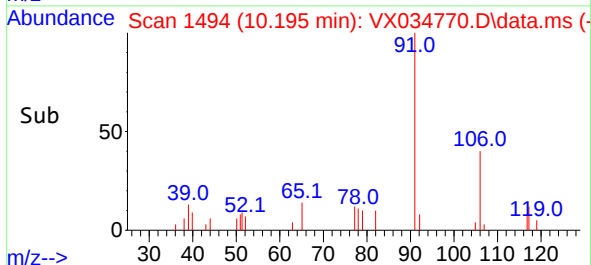
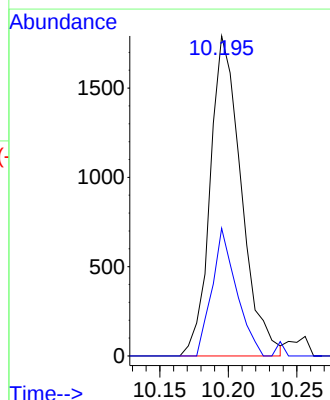
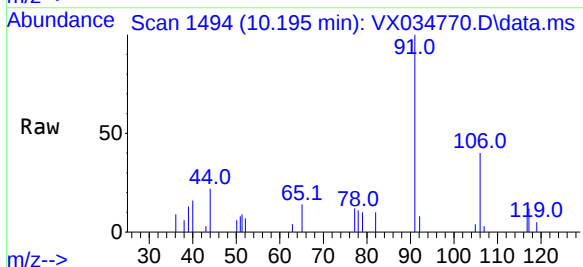
Instrument :
MSVOA_X
ClientSampleId :
IBLK

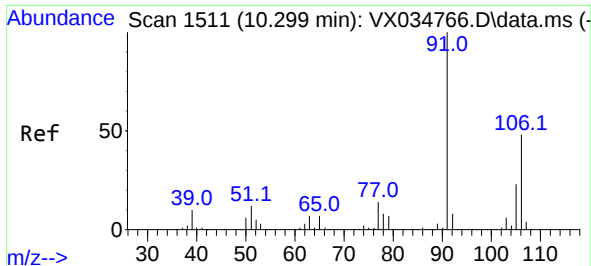
Tgt Ion:112 Resp: 2097
Ion Ratio Lower Upper
112 100
114 35.3 25.7 38.5



#66
Ethyl Benzene
Concen: 0.204 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 91 Resp: 2826
Ion Ratio Lower Upper
91 100
106 39.9 26.7 40.1





#67

m/p-Xylenes

Concen: 0.430 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX034770.D

Acq: 28 Mar 2023 00:29

Instrument :

MSVOA_X

ClientSampleId :

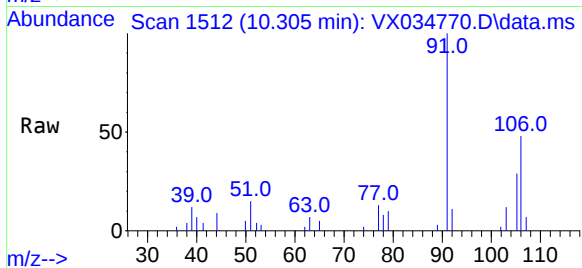
IBLK

Tgt Ion:106 Resp: 2326

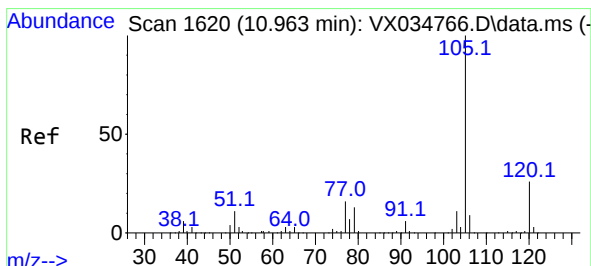
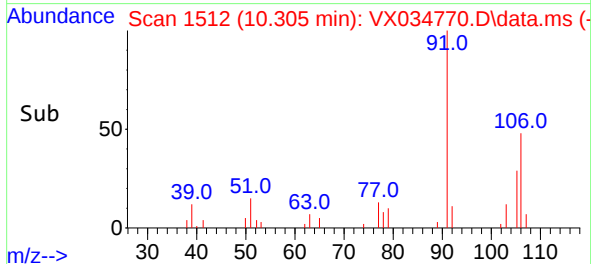
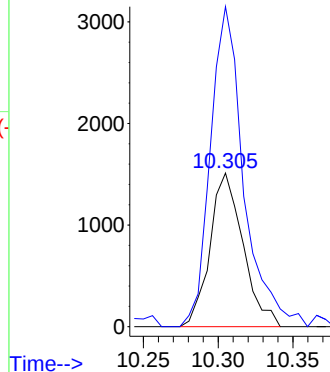
Ion Ratio Lower Upper

106 100

91 209.8 159.7 239.5



Abundance



#70

Isopropylbenzene

Concen: 0.204 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX034770.D

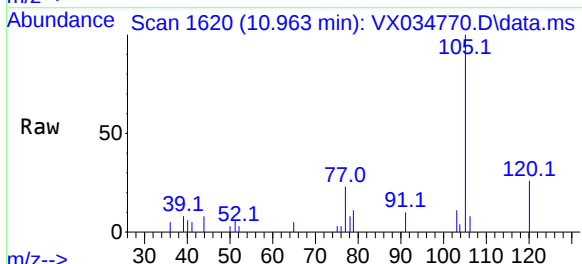
Acq: 28 Mar 2023 00:29

Tgt Ion:105 Resp: 2813

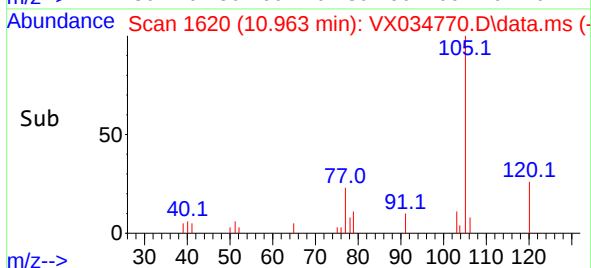
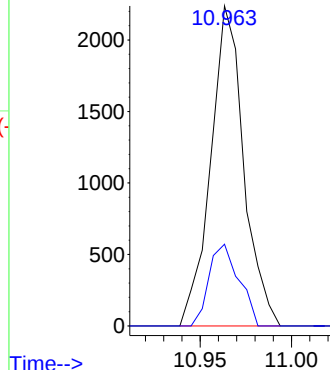
Ion Ratio Lower Upper

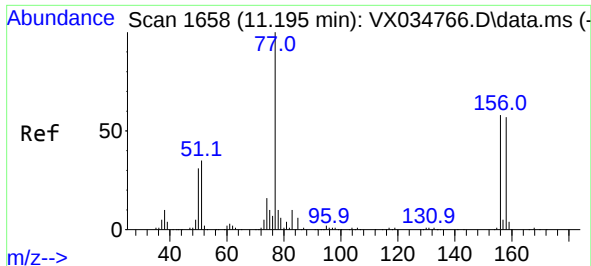
105 100

120 23.2 19.7 36.5



Abundance

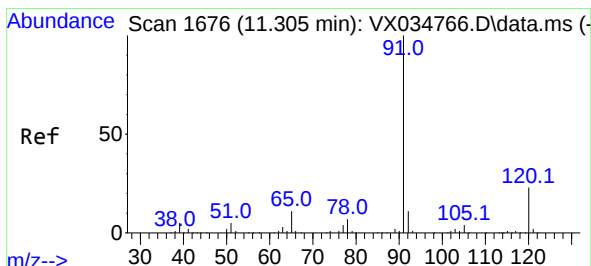
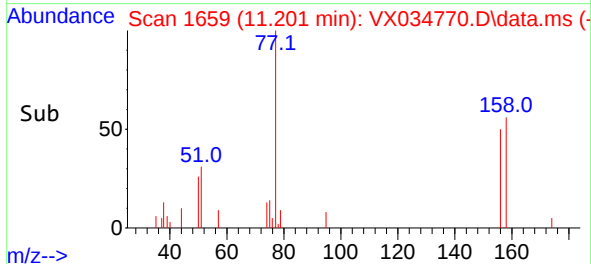
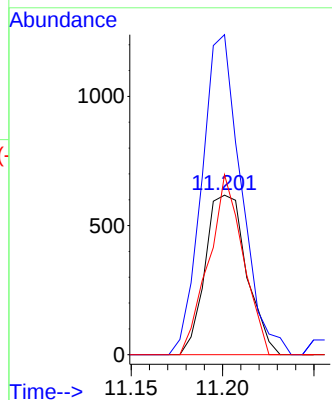
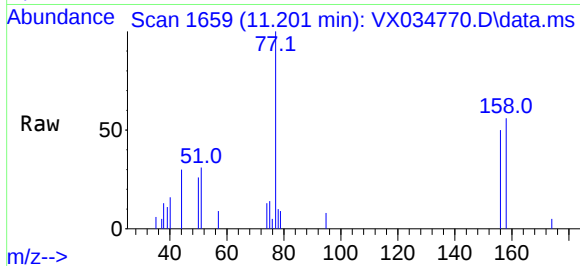




#73
Bromobenzene
Concen: 0.266 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

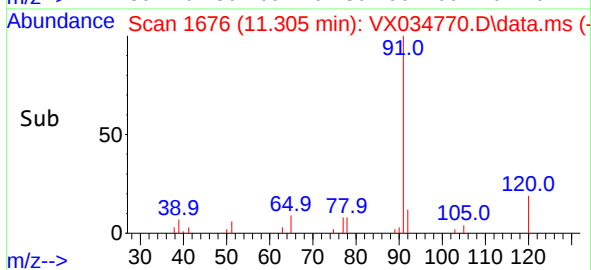
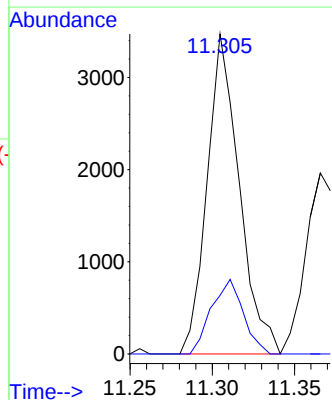
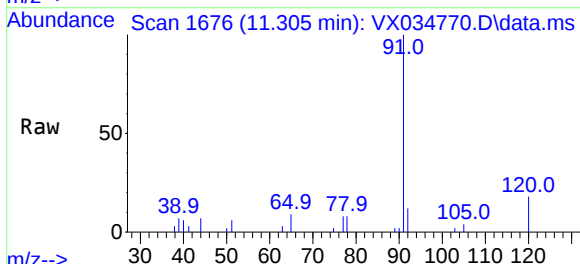
Instrument :
MSVOA_X
ClientSampleId :
IBLK

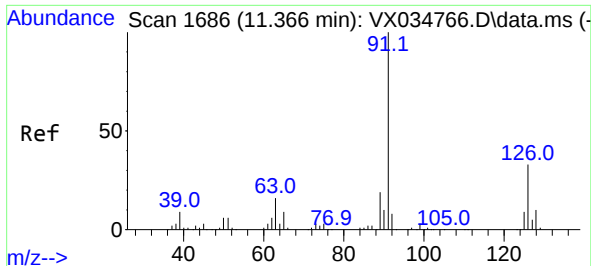
Tgt Ion:	156	Resp:	974
Ion	Ratio	Lower	Upper
156	100		
77	191.5	0.0	269.4
158	93.9	0.0	192.6



#74
n-propylbenzene
Concen: 0.299 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion:	91	Resp:	4706
Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	48.8

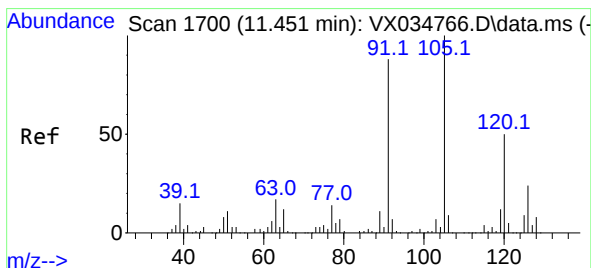
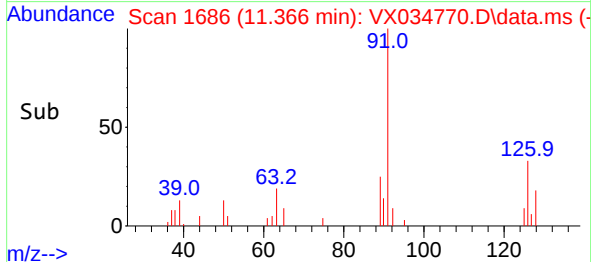
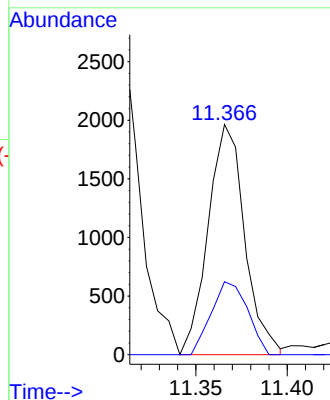
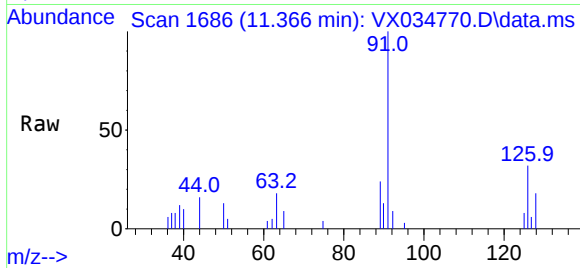




#75
2-Chlorotoluene
Concen: 0.289 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

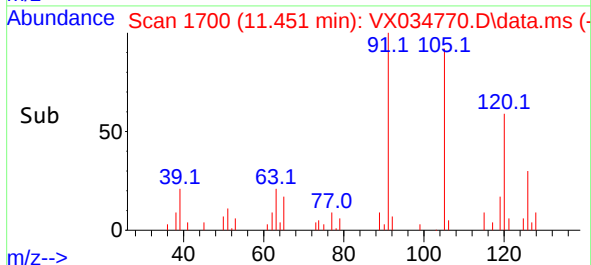
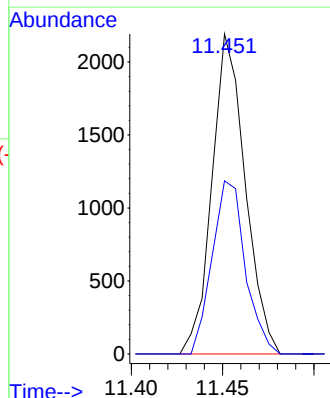
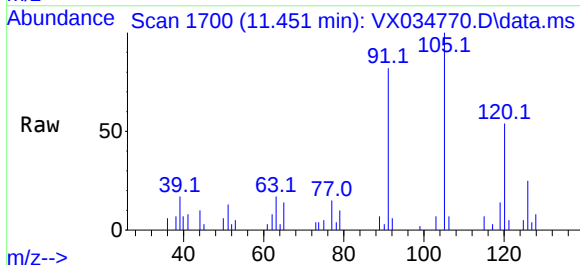
Instrument :
MSVOA_X
ClientSampleId :
IBLK

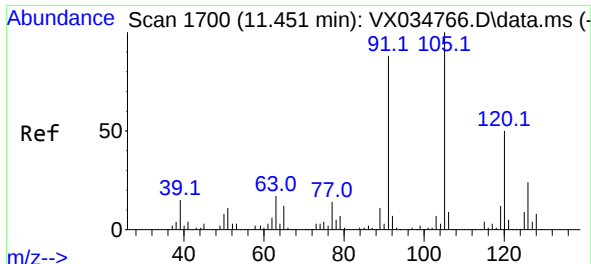
Tgt Ion: 91 Resp: 2734
Ion Ratio Lower Upper
91 100
126 31.5 0.0 73.0



#76
1,3,5-Trimethylbenzene
Concen: 0.243 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 105 Resp: 2772
Ion Ratio Lower Upper
105 100
120 54.0 0.0 102.2

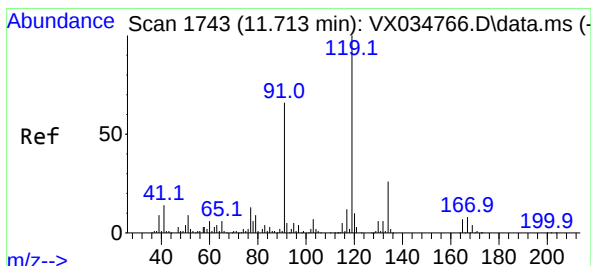
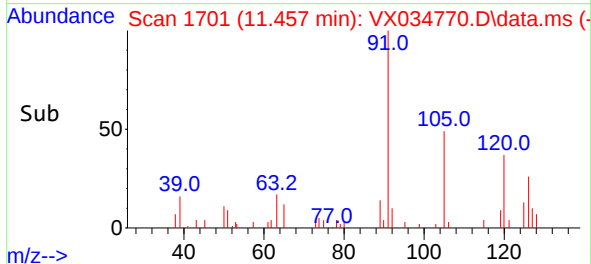
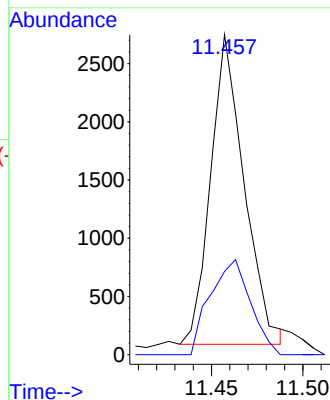
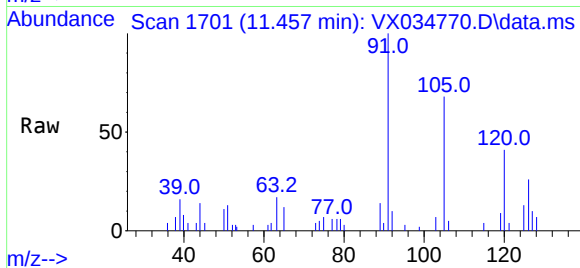




#78
4-Chlorotoluene
Concen: 0.318 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

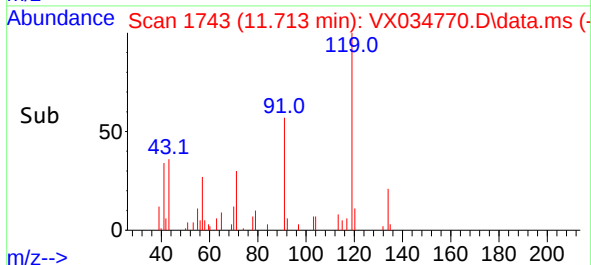
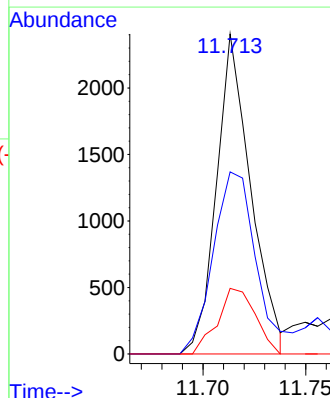
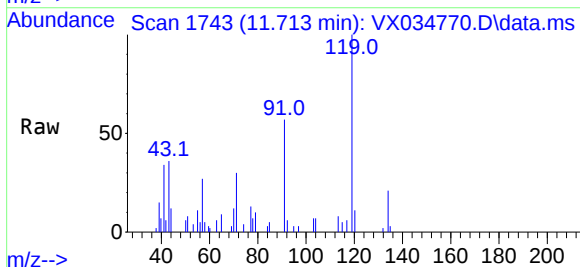
Instrument :
MSVOA_X
ClientSampleId :
IBLK

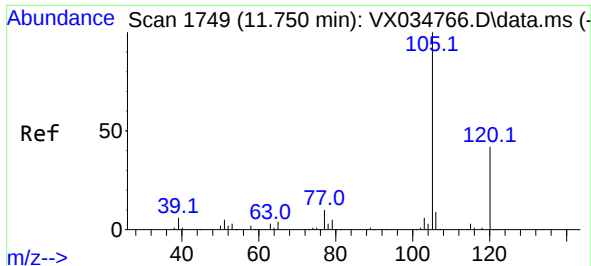
Tgt Ion: 91 Resp: 3389
Ion Ratio Lower Upper
91 100
126 36.9 0.0 65.2



#79
tert-butylbenzene
Concen: 0.242 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 119 Resp: 2794
Ion Ratio Lower Upper
119 100
91 72.1 0.0 108.4
134 22.6 0.0 50.0

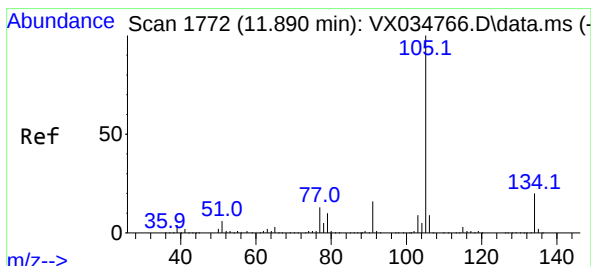
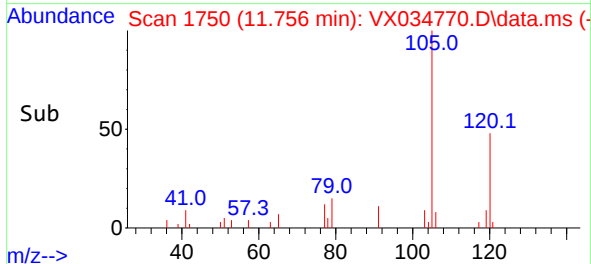
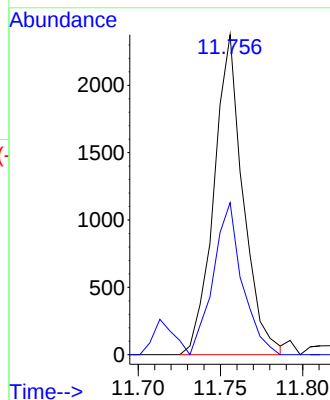
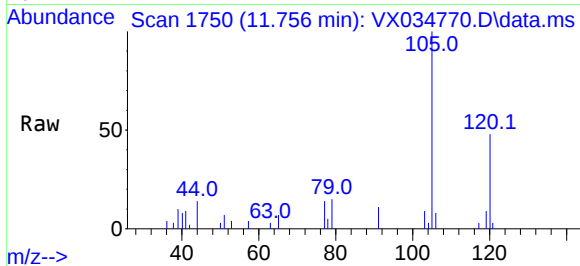




#80
1,2,4-Trimethylbenzene
Concen: 0.259 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

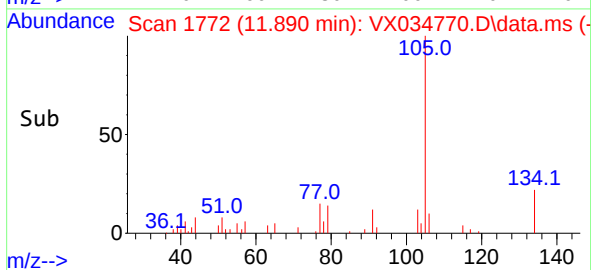
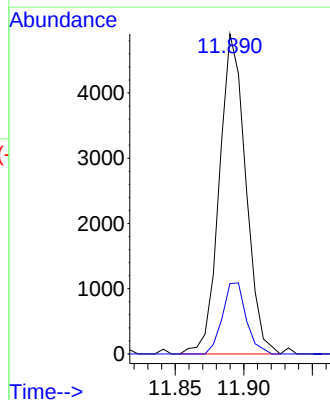
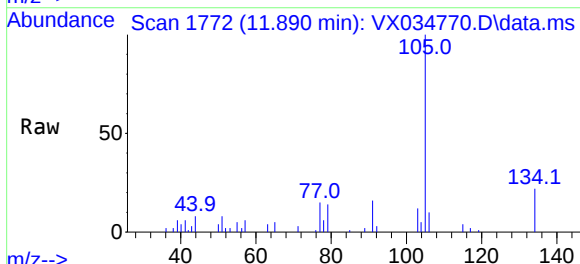
Instrument :
MSVOA_X
ClientSampleId :
IBLK

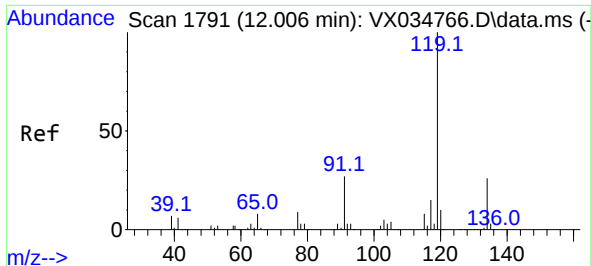
Tgt Ion:105 Resp: 2935
Ion Ratio Lower Upper
105 100
120 47.3 0.0 93.4



#81
sec-Butylbenzene
Concen: 0.468 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion:105 Resp: 6563
Ion Ratio Lower Upper
105 100
134 19.9 0.0 43.8





#82

p-Isopropyltoluene

Concen: 0.417 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX034770.D

Acq: 28 Mar 2023 00:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

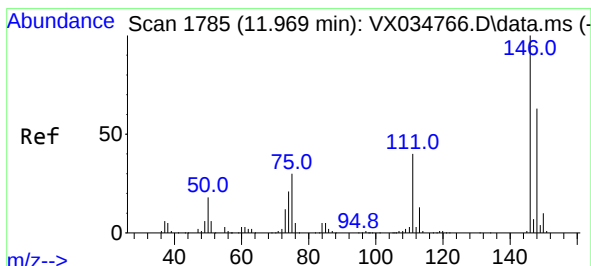
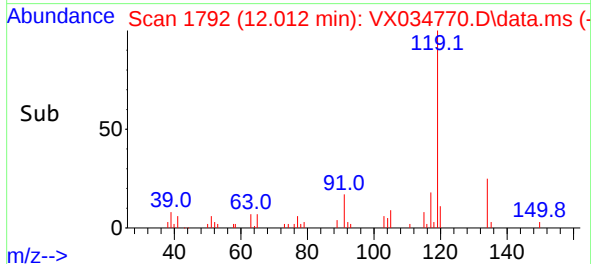
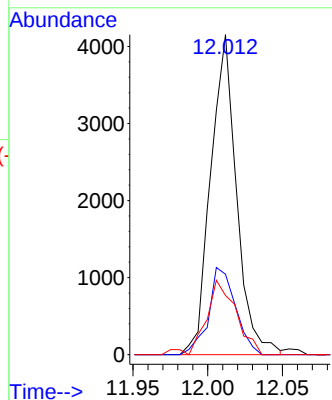
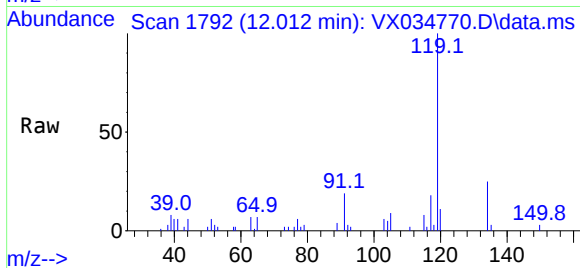
Tgt Ion:119 Resp: 5014

Ion Ratio Lower Upper

119 100

134 28.3 0.0 54.2

91 25.9 0.0 41.8



#83

1,3-Dichlorobenzene

Concen: 0.432 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX034770.D

Acq: 28 Mar 2023 00:29

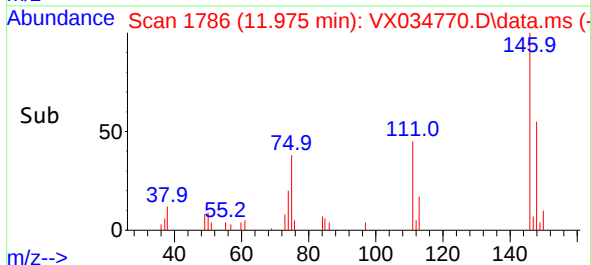
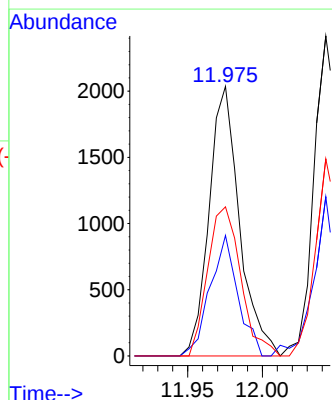
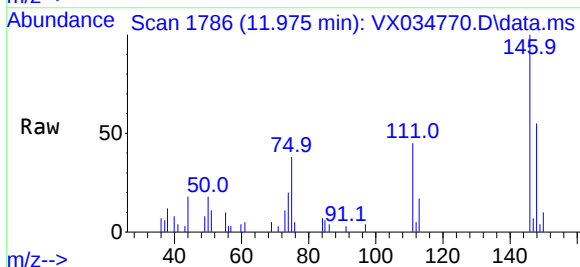
Tgt Ion:146 Resp: 2880

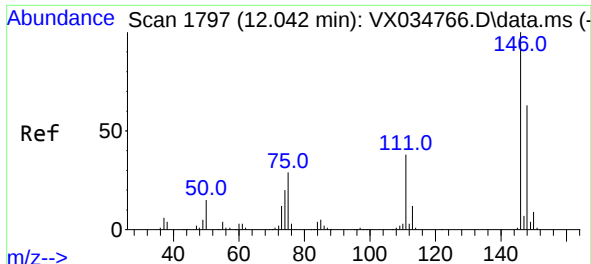
Ion Ratio Lower Upper

146 100

111 41.1 18.4 55.2

148 60.2 32.1 96.5

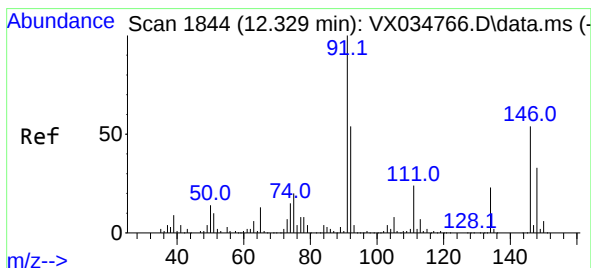
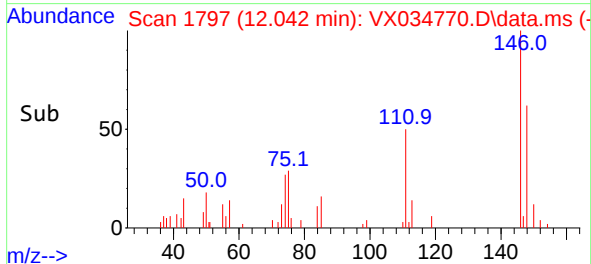
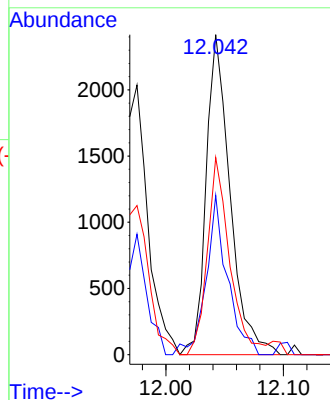
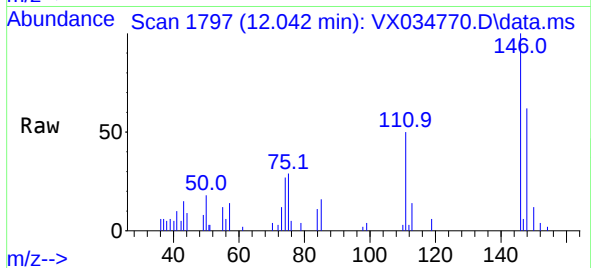




#84
1,4-Dichlorobenzene
Concen: 0.511 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

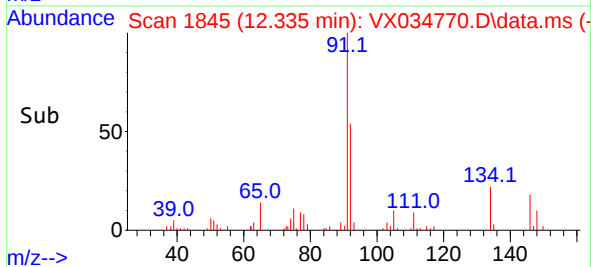
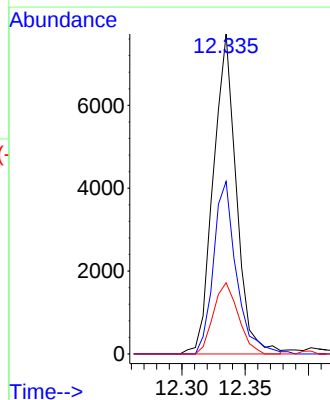
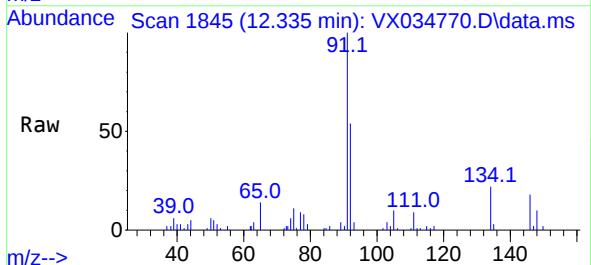
Instrument :
MSVOA_X
ClientSampleId :
IBLK

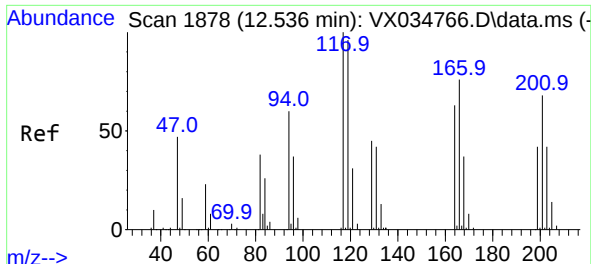
Tgt Ion:146 Resp: 3417
Ion Ratio Lower Upper
146 100
111 42.8 17.8 53.4
148 57.9 32.1 96.5



#85
n-Butylbenzene
Concen: 0.987 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 91 Resp: 9774
Ion Ratio Lower Upper
91 100
92 53.5 0.0 109.0
134 24.0 0.0 57.8

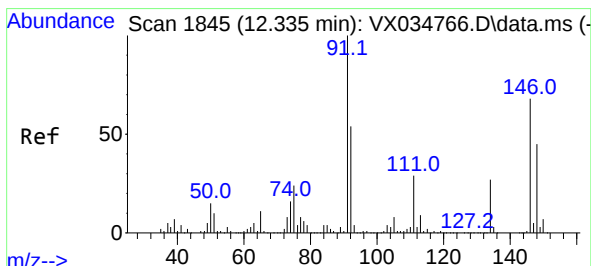
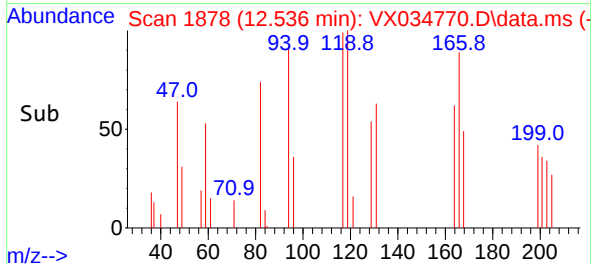
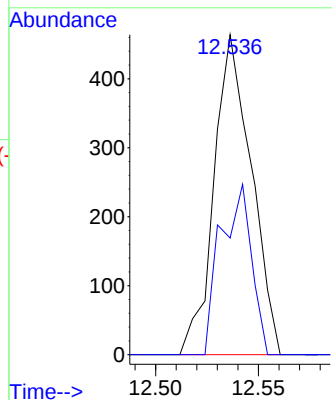
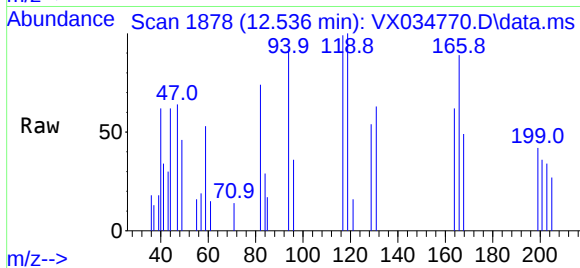




#86
Hexachloroethane
Concen: 0.308 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

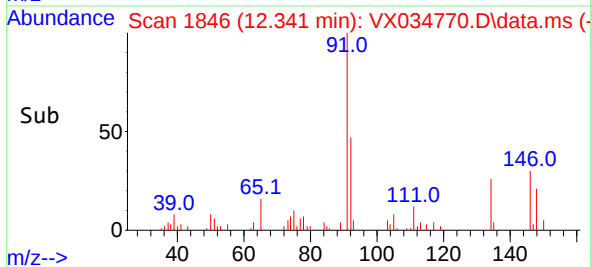
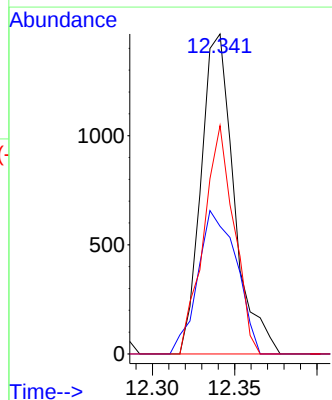
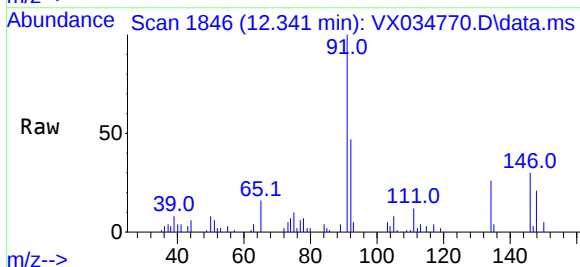
Instrument :
MSVOA_X
ClientSampleId :
IBLK

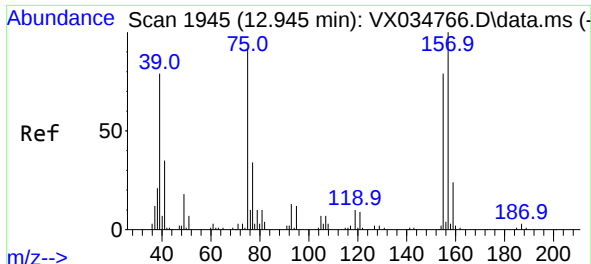
Tgt Ion:117 Resp: 586
Ion Ratio Lower Upper
117 100
201 44.0 46.3 138.8#



#87
1,2-Dichlorobenzene
Concen: 0.318 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion:146 Resp: 2050
Ion Ratio Lower Upper
146 100
111 52.5 18.8 56.4
148 65.9 31.7 95.1

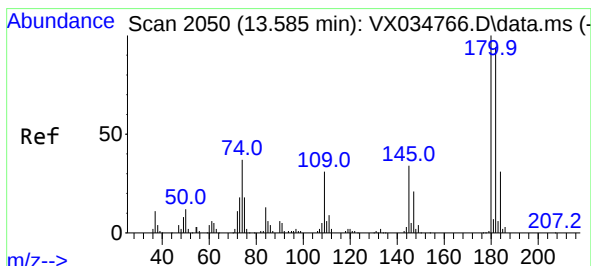
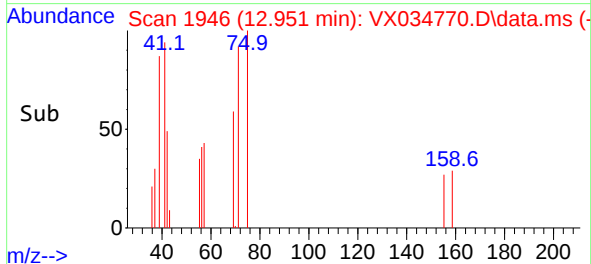
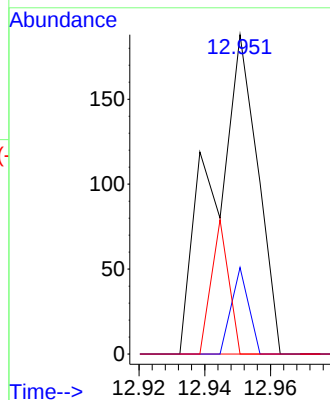
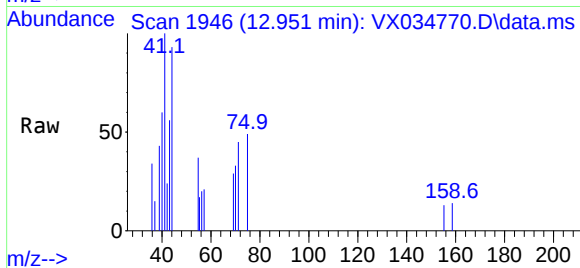




#88
1,2-Dibromo-3-Chloropropane
Concen: 0.206 ug/l
RT: 12.951 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

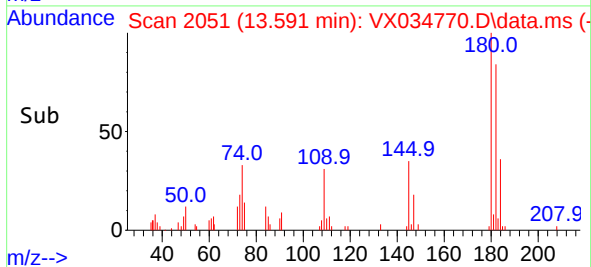
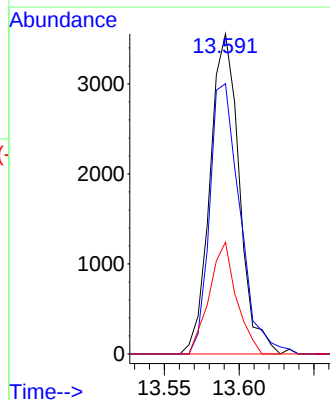
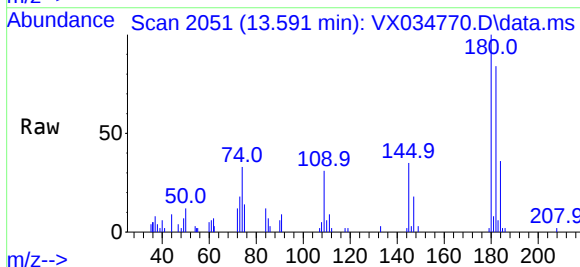
Instrument :
MSVOA_X
ClientSampleId :
IBLK

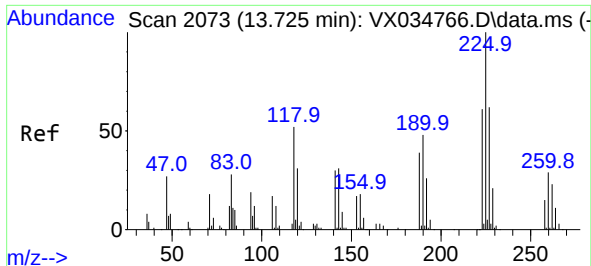
Tgt Ion: 75 Resp: 179
Ion Ratio Lower Upper
75 100
155 0.0 82.6 124.0#
157 0.0 104.9 157.3#



#89
1,2,4-Trichlorobenzene
Concen: 1.113 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 180 Resp: 4848
Ion Ratio Lower Upper
180 100
182 87.3 76.4 114.6
145 32.3 22.9 34.3

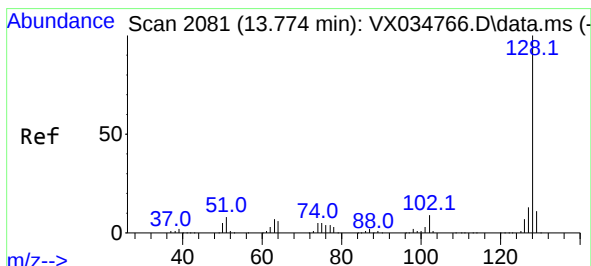
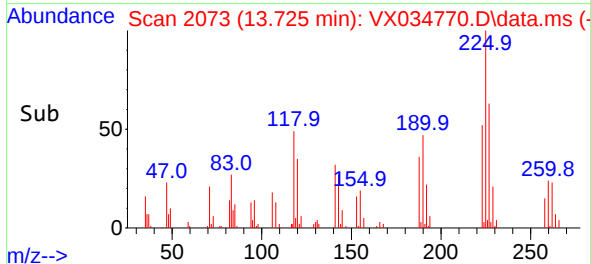
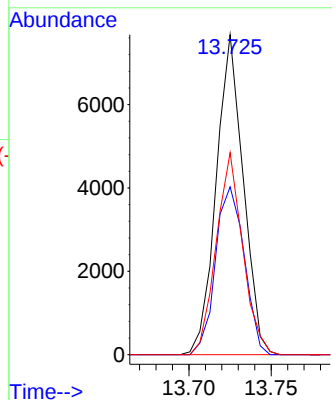
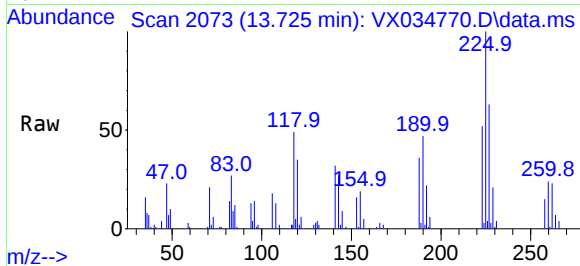




#90
Hexachlorobutadiene
Concen: 4.416 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

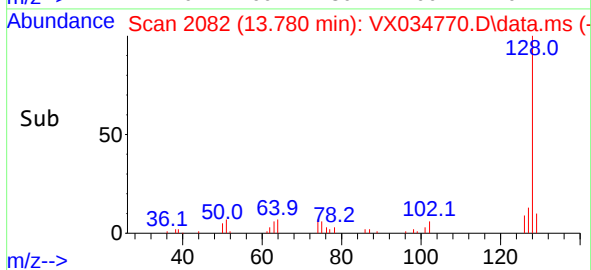
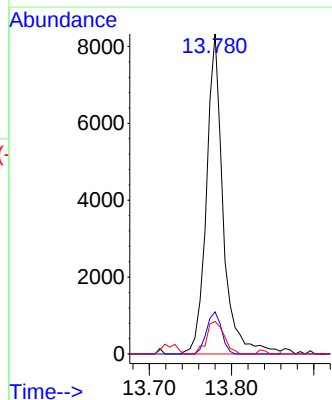
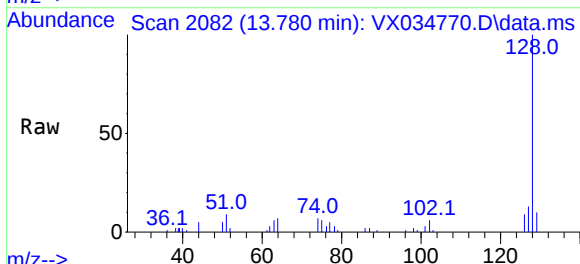
Instrument :
MSVOA_X
ClientSampleId :
IBLK

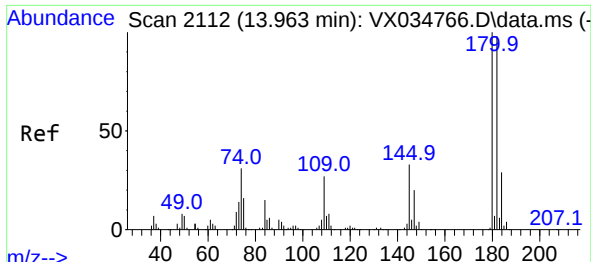
Tgt Ion:	225	Resp:	8762
Ion	Ratio	Lower	Upper
225	100		
223	55.9	0.0	127.6
227	62.1	0.0	131.2



#91
Naphthalene
Concen: 0.881 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

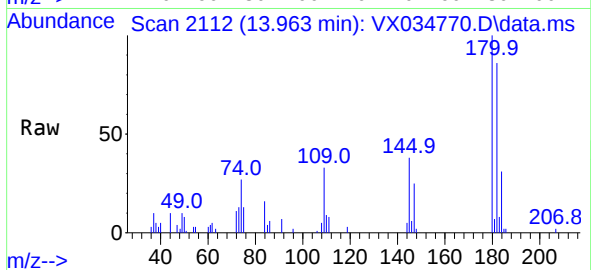
Tgt Ion:	128	Resp:	11738
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.1	15.1
129	10.7	8.9	13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 1.158 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX034770.D
 Acq: 28 Mar 2023 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	4973
Ion	Ratio	Lower	Upper
180	100		
182	87.5	0.0	192.6
145	37.9	0.0	60.4

