

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030193.D
 Acq On : 25 Jul 2022 15:07
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 25 16:15:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:09:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	199511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	357902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131639	32.037	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	64.080%#
35) Dibromofluoromethane	5.391	113	108030	31.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	62.280%#
50) Toluene-d8	8.653	98	415378	31.153	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	62.300%#
62) 4-Bromofluorobenzene	11.085	95	139406	28.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	56.660%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	718	0.212	ug/l	100
5) Bromomethane	1.618	94	928	0.598	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	882	0.278	ug/l	89
10) Methyl Iodide	2.453	142	1049	0.368	ug/l #	86
11) Tert butyl alcohol	2.953	59	1776	1.831	ug/l #	74
12) 1,1-Dichloroethene	2.313	96	737	0.238	ug/l #	67
13) Acrolein	2.233	56	264	1.032	ug/l	86
14) Allyl chloride	2.654	41	1390	0.217	ug/l #	67
15) Acrylonitrile	3.075	53	1562	0.646	ug/l #	75
16) Acetone	2.386	43	1622	0.789	ug/l	98
17) Carbon Disulfide	2.514	76	7621	0.911	ug/l	98
20) Methylene Chloride	2.794	84	2360	0.498	ug/l #	84
21) trans-1,2-Dichloroethene	3.099	96	1465	0.430	ug/l #	72
23) Vinyl Acetate	3.733	43	2553	0.242	ug/l	96
25) 2-Butanone	4.574	43	1564	0.454	ug/l #	84
38) Carbon Tetrachloride	5.556	117	20432	4.479	ug/l #	17
44) Trichloroethene	7.123	130	1502	0.359	ug/l	69
49) 1,4-Dioxane	7.671	88	64	0.559	ug/l #	25
58) 2-Chloroethyl Vinyl ether	8.251	63	883	0.275	ug/l #	52
59) 2-Hexanone	9.433	43	1144	0.212	ug/l	88
64) Tetrachloroethene	9.275	164	1284	0.383	ug/l #	60
65) Chlorobenzene	10.086	112	1700	0.203	ug/l #	85
68) m/p-Xylenes	10.305	106	1881	0.333	ug/l	87
73) Isopropylbenzene	10.970	105	2113	0.209	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	71292	19.602	ug/l #	38
77) Bromobenzene	11.201	156	749	0.316	ug/l	83
78) n-propylbenzene	11.311	91	3909	0.325	ug/l	93
79) 2-Chlorotoluene	11.366	91	2138	0.281	ug/l	87
80) 1,3,5-Trimethylbenzene	11.457	105	2083	0.247	ug/l	88
81) trans-1,4-Dichloro-2-b...	11.085	75	71292	62.892	ug/l #	13
82) 4-Chlorotoluene	11.457	91	3613	0.436	ug/l	95
83) tert-Butylbenzene	11.719	119	1705	0.218	ug/l	71
84) 1,2,4-Trimethylbenzene	11.756	105	2224	0.263	ug/l	89
85) sec-Butylbenzene	11.896	105	3111	0.289	ug/l	99
86) p-Isopropyltoluene	12.012	119	2660	0.310	ug/l #	84
87) 1,3-Dichlorobenzene	11.969	146	2343	0.509	ug/l	98

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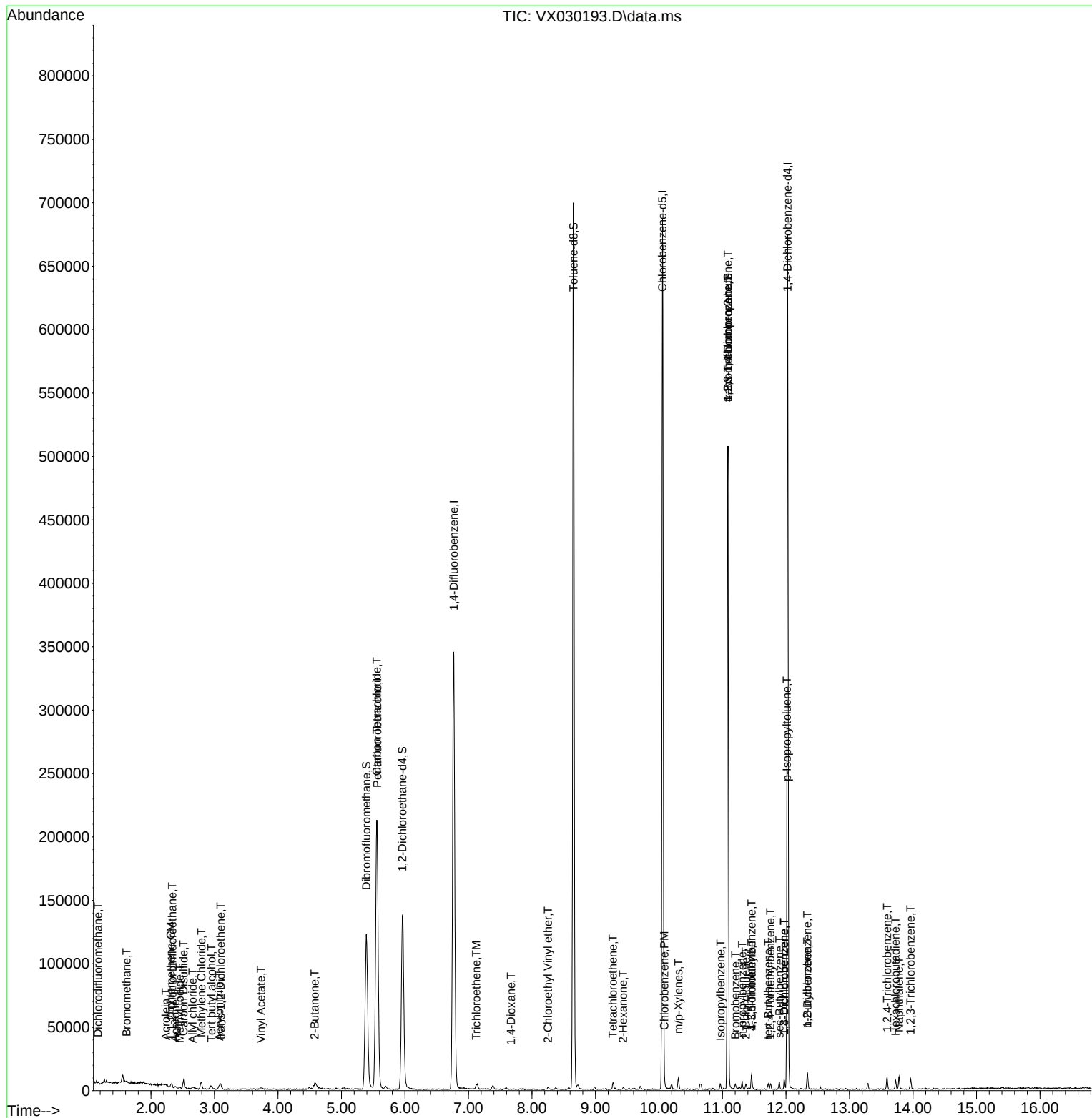
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	11.969	146	2343	0.507	ug/l	97
89) n-Butylbenzene	12.335	91	3662	0.459	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	1822	0.403	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	2096	0.800	ug/l	78
94) Hexachlorobutadiene	13.725	225	927	0.890	ug/l	92
95) Naphthalene	13.780	128	6823	0.661	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1847	0.683	ug/l	83

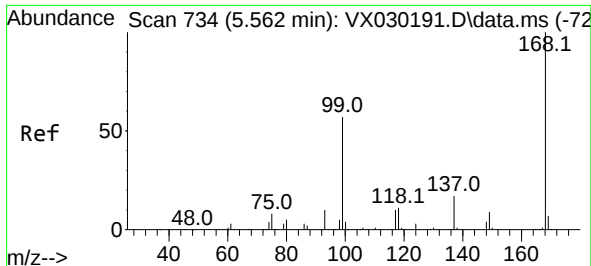
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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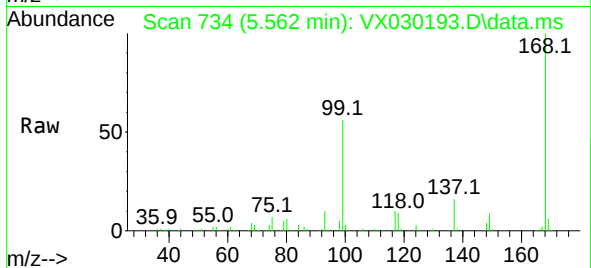
Quant Time: Jul 25 16:15:12 2022
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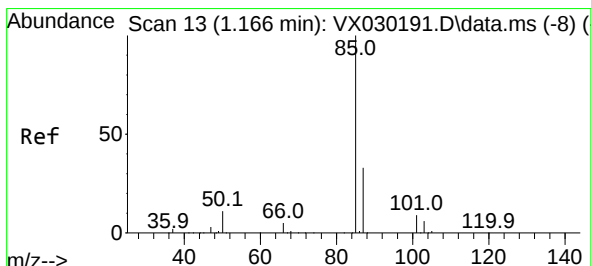
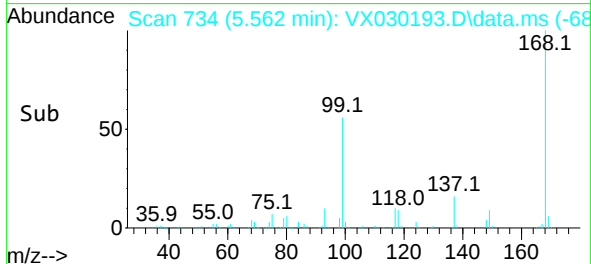
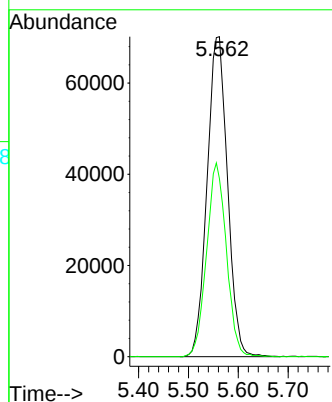


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
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ClientSampleId :
IBLK

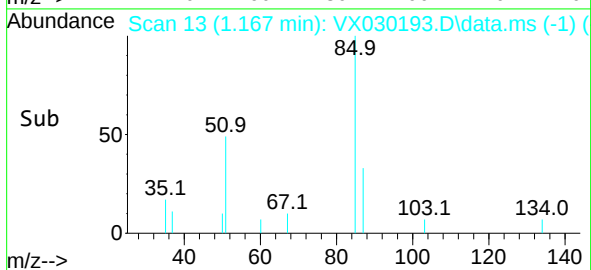
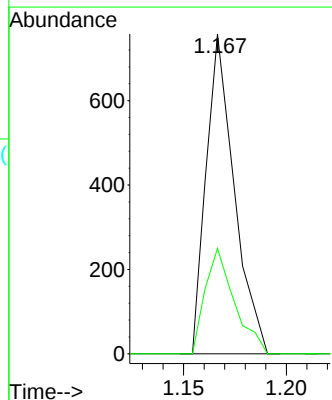
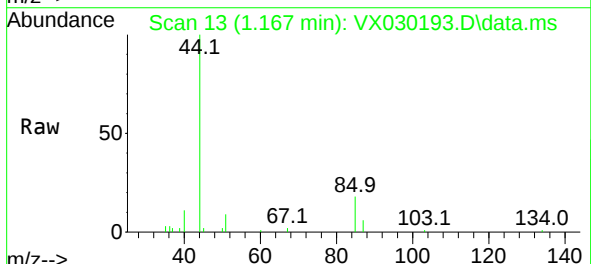


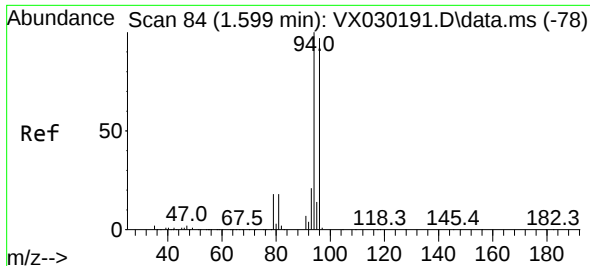
Tgt Ion:168 Resp: 199511
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.212 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion: 85 Resp: 718
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5

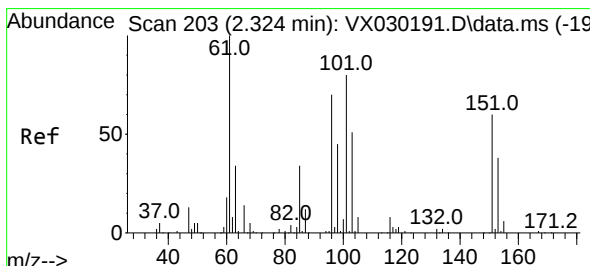
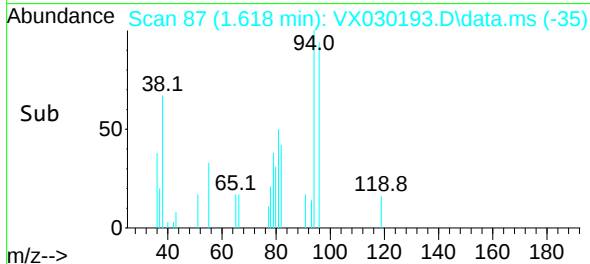
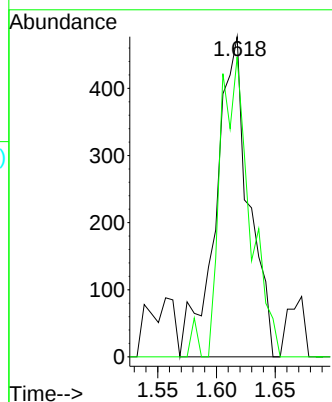
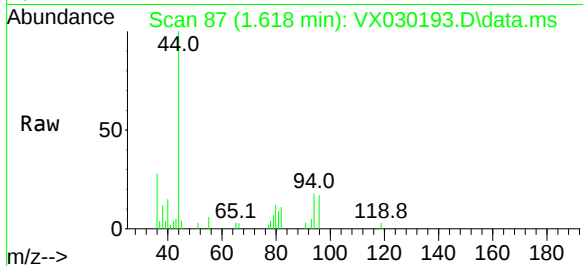




#5
 Bromomethane
 Concen: 0.598 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VX030193.D
 Acq: 25 Jul 2022 15:07

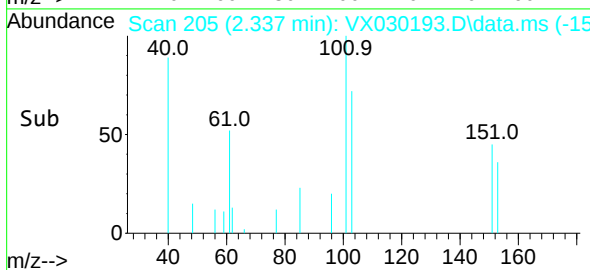
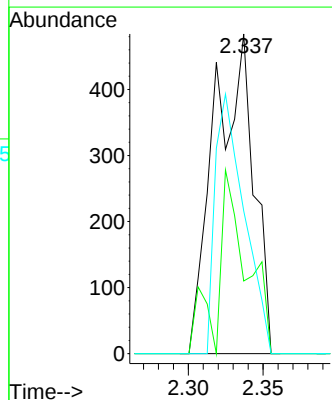
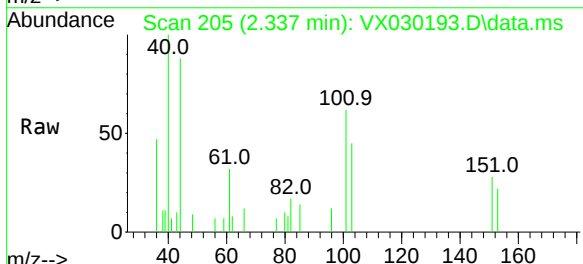
Instrument :
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 ClientSampleId :
 IBLK

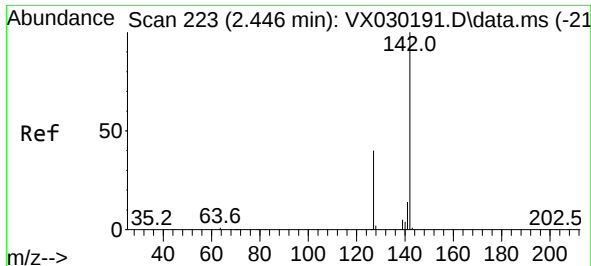
Tgt Ion: 94 Resp: 928
 Ion Ratio Lower Upper
 94 100
 96 93.7 76.9 115.3



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.278 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.013 min
 Lab File: VX030193.D
 Acq: 25 Jul 2022 15:07

Tgt Ion: 101 Resp: 882
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.0 51.0
 151 60.2 59.4 89.0

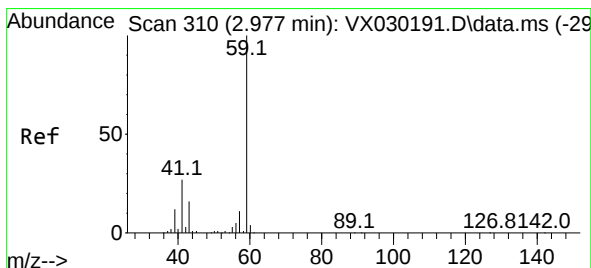
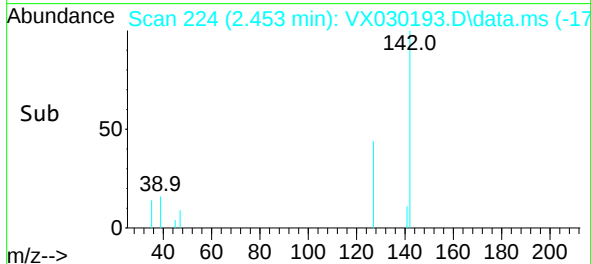
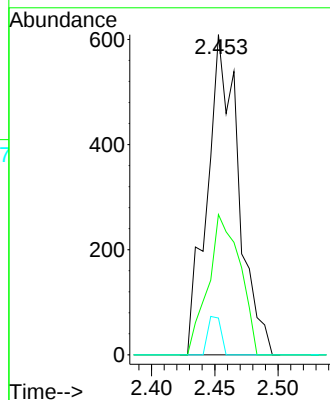
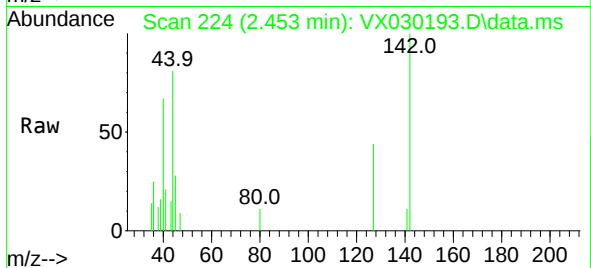




#10
Methyl Iodide
Concen: 0.368 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

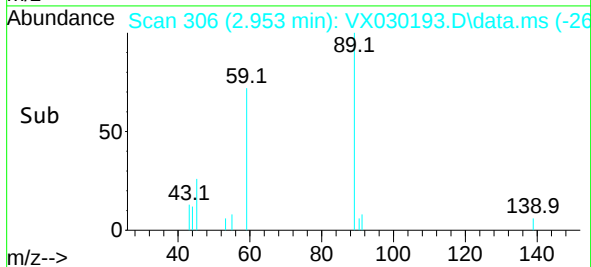
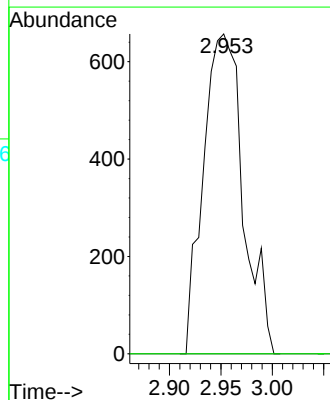
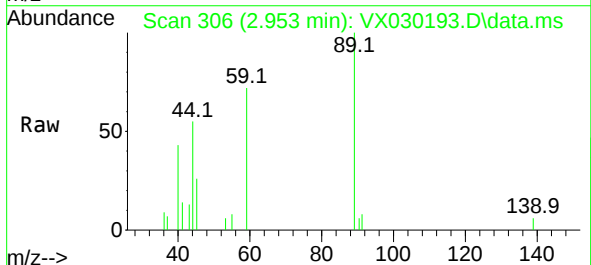
Instrument :
MSVOA_X
ClientSampleId :
IBLK

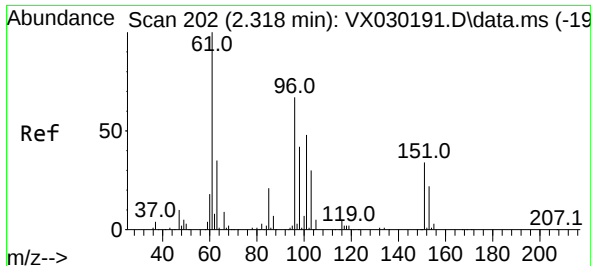
Tgt Ion:142 Resp: 1049
Ion Ratio Lower Upper
142 100
127 44.5 30.2 45.2
141 5.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.831 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion: 59 Resp: 1776
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#12

1,1-Dichloroethene

Concen: 0.238 ug/l

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX030193.D

Acq: 25 Jul 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

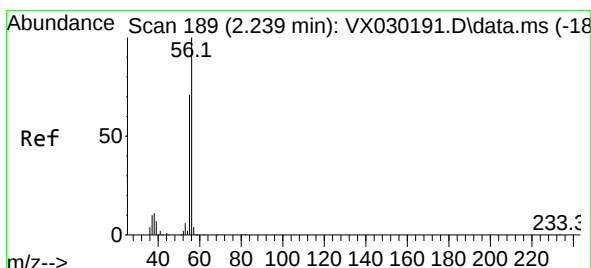
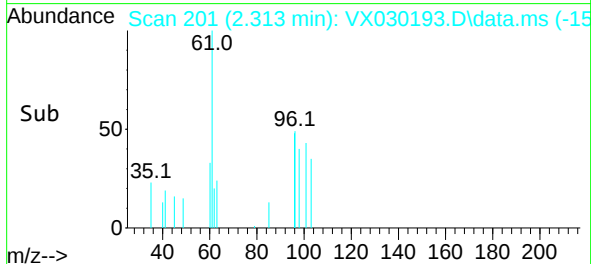
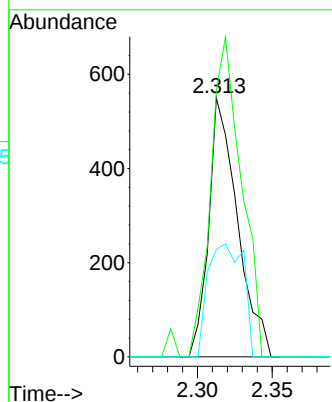
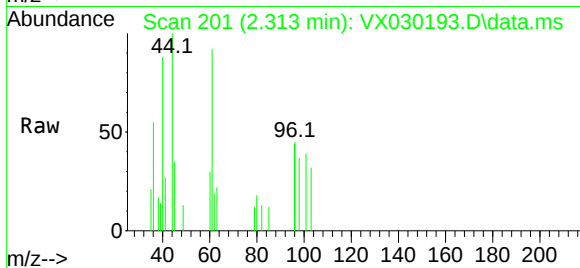
Tgt Ion: 96 Resp: 737

Ion Ratio Lower Upper

96 100

61 102.9 117.4 176.0#

98 41.5 52.2 78.4#



#13

Acrolein

Concen: 1.032 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX030193.D

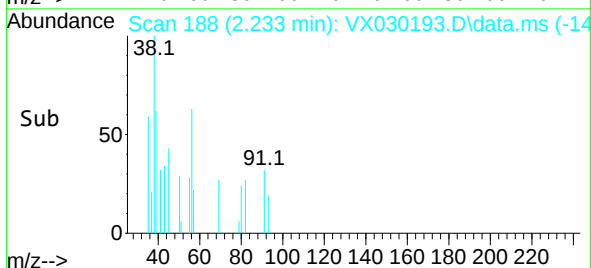
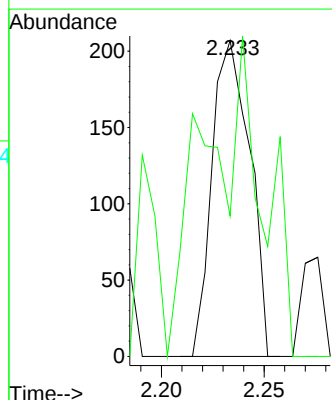
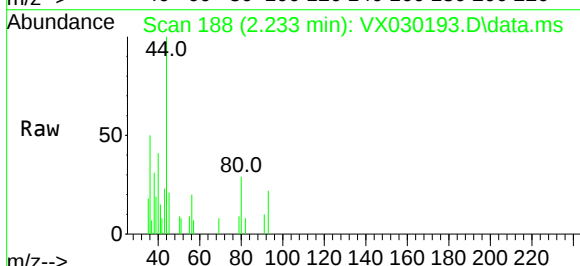
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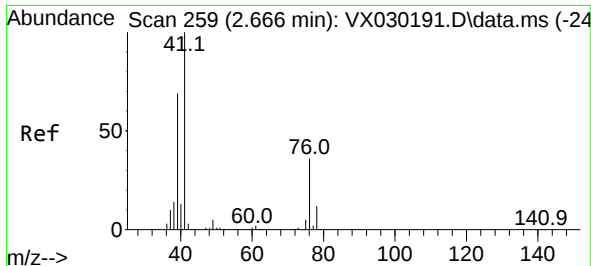
Tgt Ion: 56 Resp: 264

Ion Ratio Lower Upper

56 100

55 82.2 56.6 84.8

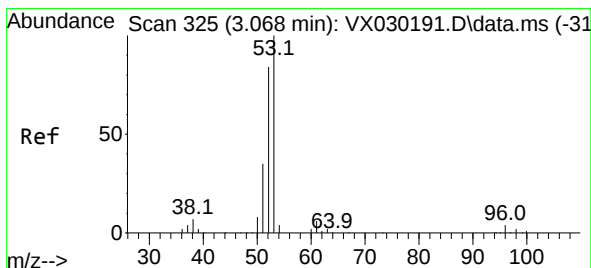
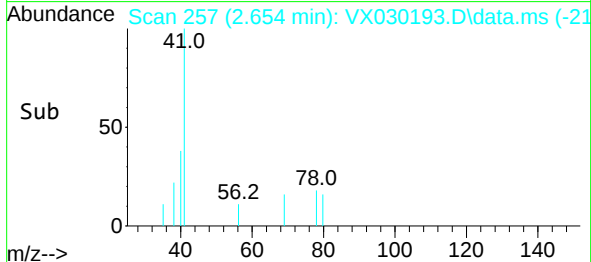
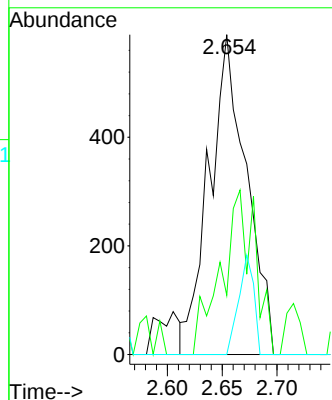
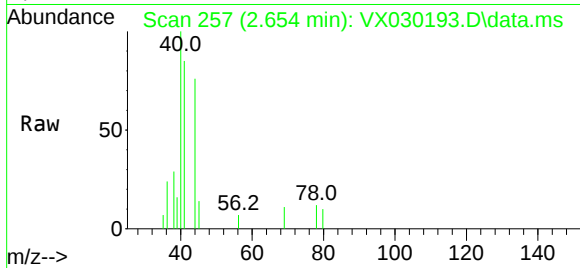




#14
 Allyl chloride
 Concen: 0.217 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VX030193.D
 Acq: 25 Jul 2022 15:07

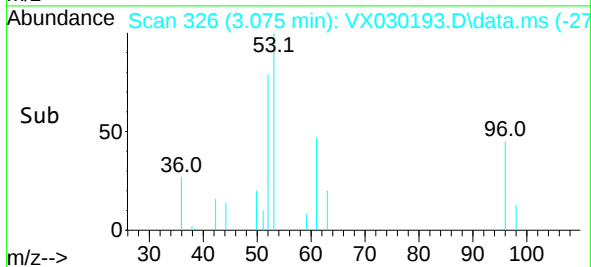
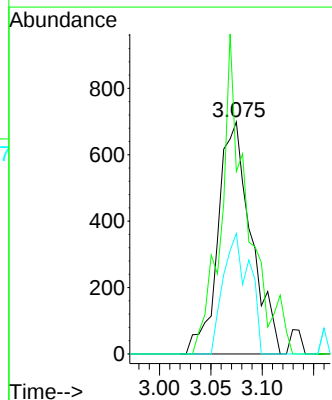
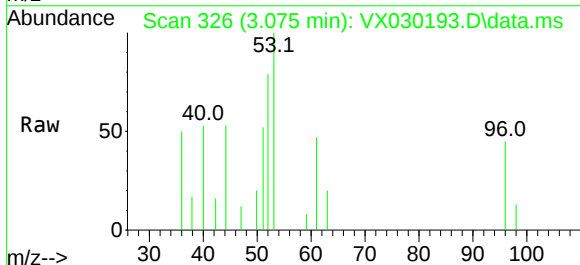
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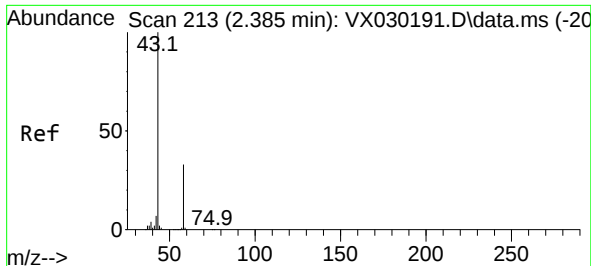
Tgt Ion: 41 Resp: 1390
 Ion Ratio Lower Upper
 41 100
 39 46.4 48.9 73.3#
 76 0.0 26.9 40.3#



#15
 Acrylonitrile
 Concen: 0.646 ug/l
 RT: 3.075 min Scan# 326
 Delta R.T. 0.007 min
 Lab File: VX030193.D
 Acq: 25 Jul 2022 15:07

Tgt Ion: 53 Resp: 1562
 Ion Ratio Lower Upper
 53 100
 52 109.5 65.4 98.0#
 51 41.1 27.7 41.5

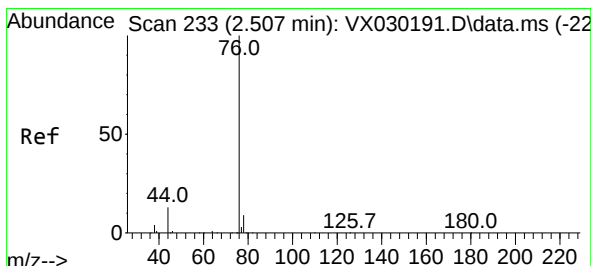
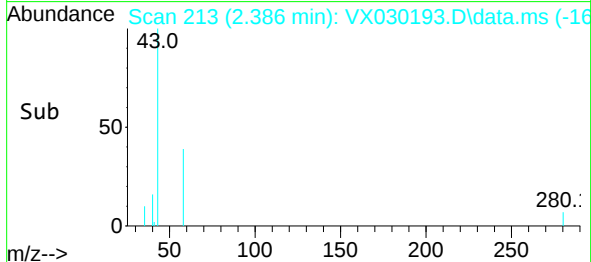
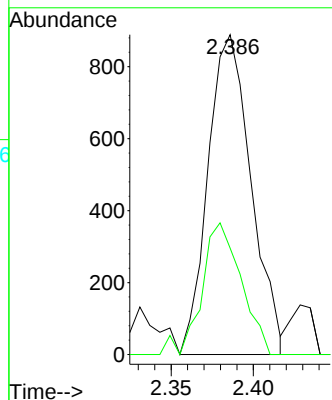
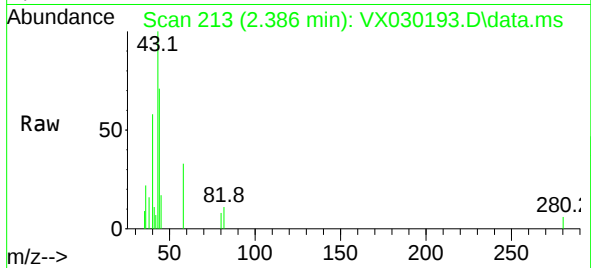




#16
Acetone
Concen: 0.789 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

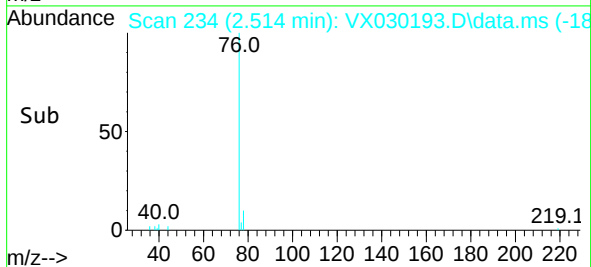
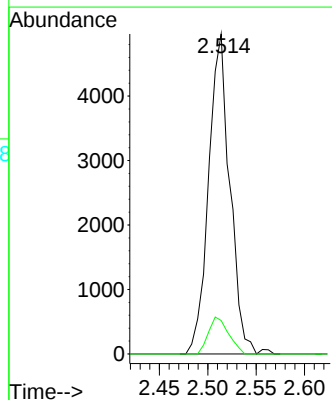
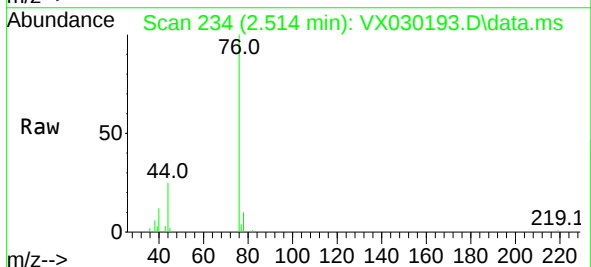
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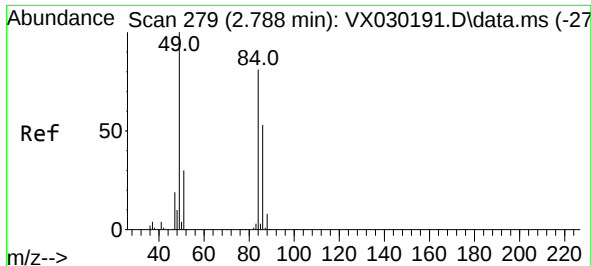
Tgt Ion: 43 Resp: 1622
Ion Ratio Lower Upper
43 100
58 33.3 27.7 41.5



#17
Carbon Disulfide
Concen: 0.911 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion: 76 Resp: 7621
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.6

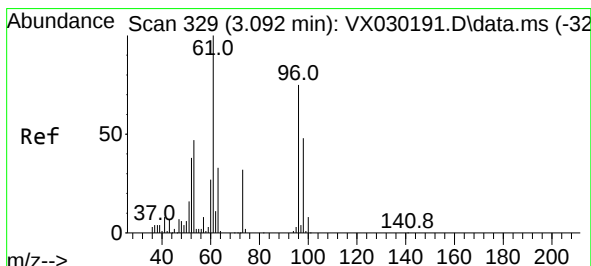
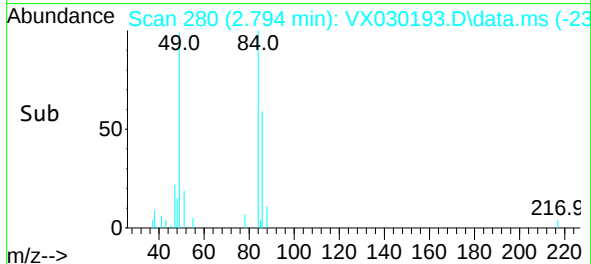
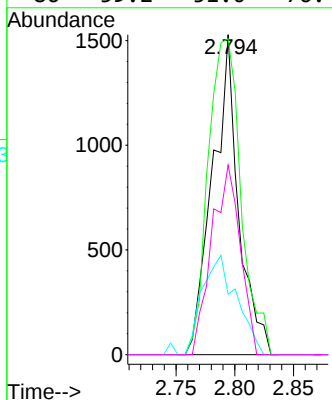
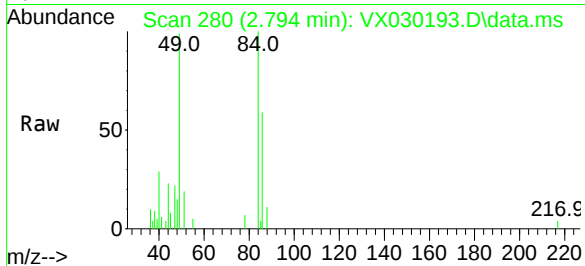




#20
Methylene Chloride
Concen: 0.498 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

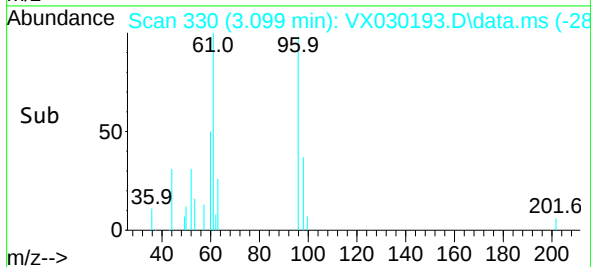
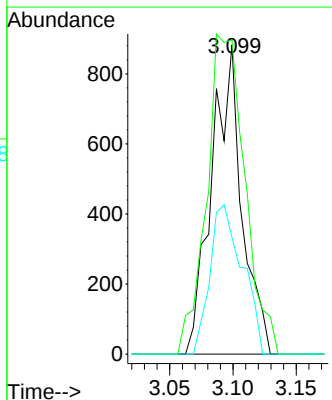
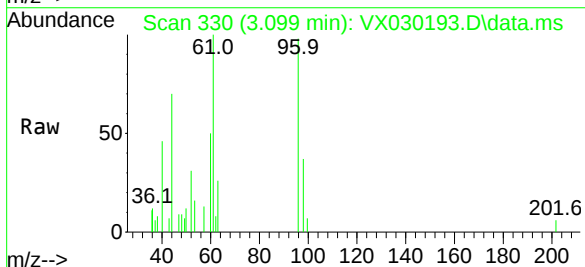
Instrument :
MSVOA_X
ClientSampleId :
IBLK

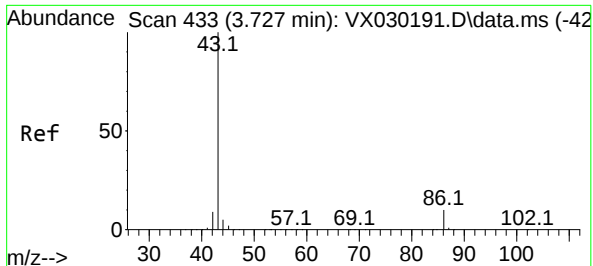
Tgt Ion: 84	Resp: 2360
Ion Ratio	Lower Upper
84 100	
49 98.8	93.8 140.6
51 18.9	29.4 44.0#
86 59.2	51.0 76.4



#21
trans-1,2-Dichloroethene
Concen: 0.430 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.007 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion: 96	Resp:	1465	
Ion	Ratio	Lower	Upper
96	100		
61	101.6	105.6	158.4#
98	37.8	50.1	75.1#

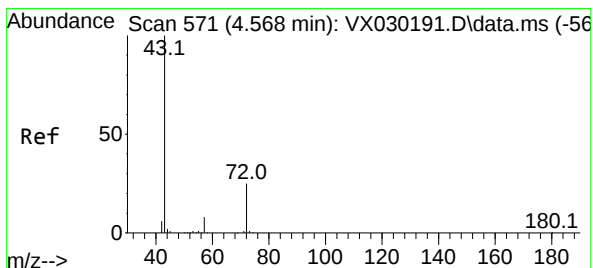
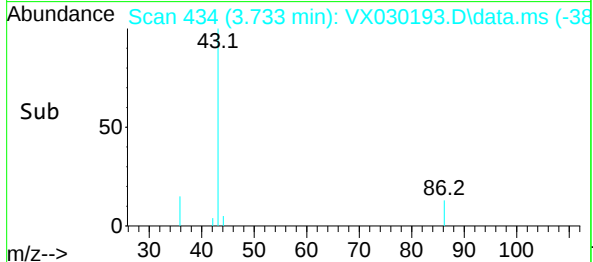
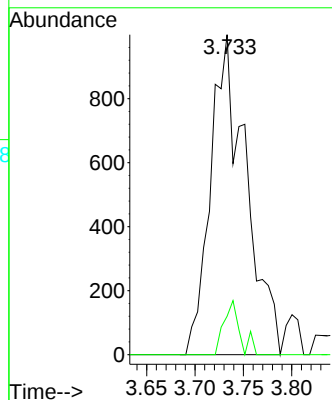
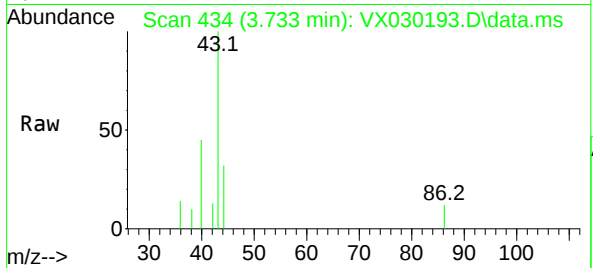




#23
 Vinyl Acetate
 Concen: 0.242 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX030193.D
 Acq: 25 Jul 2022 15:07

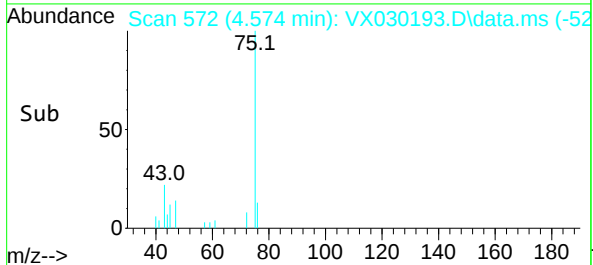
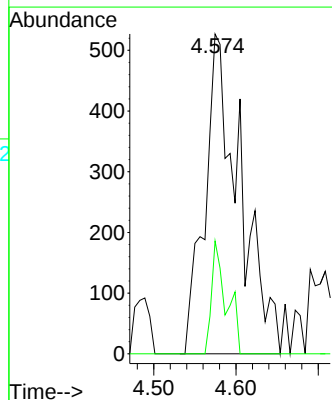
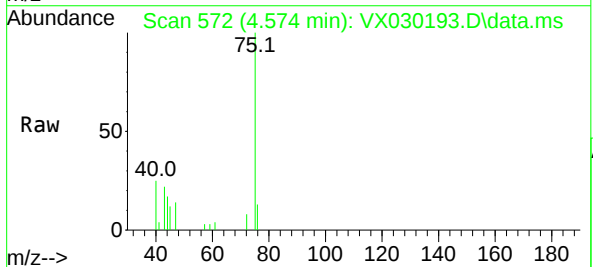
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

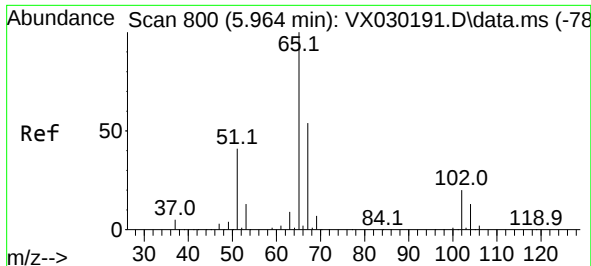
Tgt Ion: 43 Resp: 2553
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.5 12.7



#25
 2-Butanone
 Concen: 0.454 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.007 min
 Lab File: VX030193.D
 Acq: 25 Jul 2022 15:07

Tgt Ion: 43 Resp: 1564
 Ion Ratio Lower Upper
 43 100
 72 35.3 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 32.037 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030193.D

Acq: 25 Jul 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

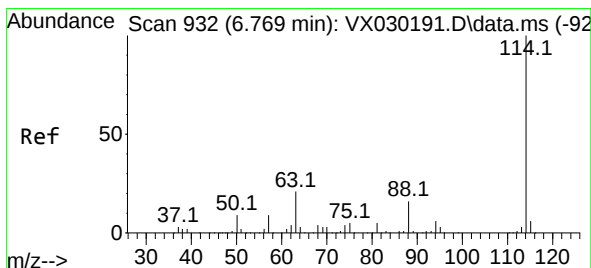
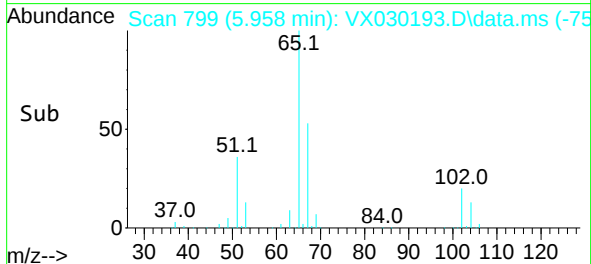
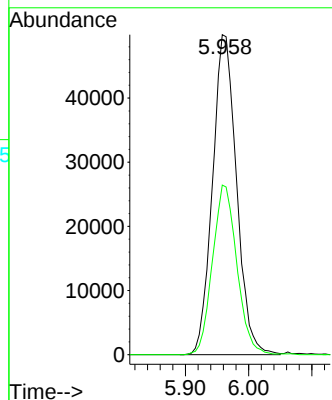
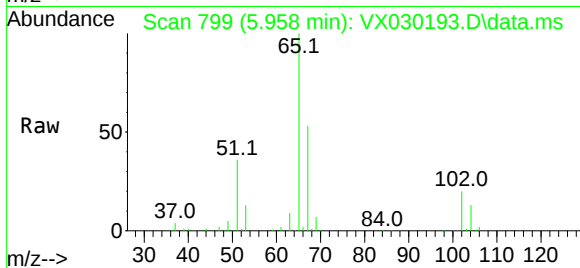
IBLK

Tgt Ion: 65 Resp: 131639

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.001 min

Lab File: VX030193.D

Acq: 25 Jul 2022 15:07

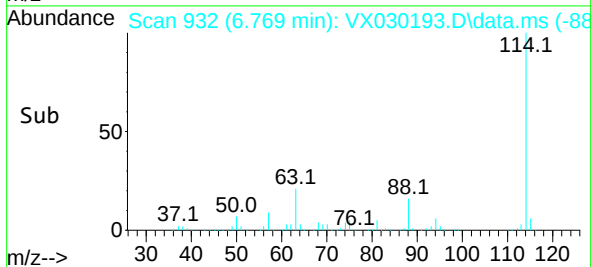
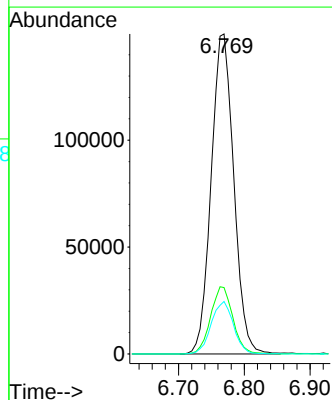
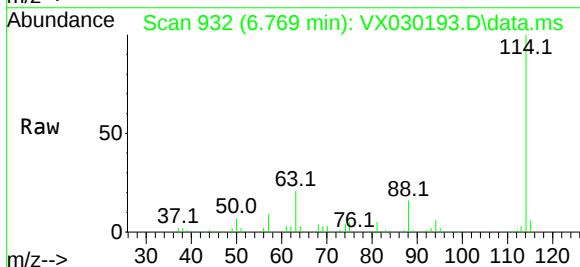
Tgt Ion: 114 Resp: 357902

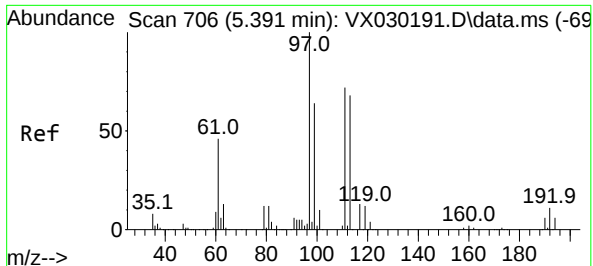
Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.4

88 16.4 0.0 31.8

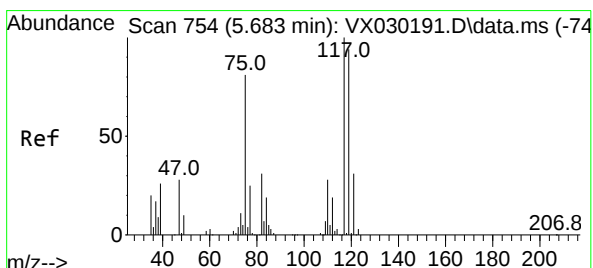
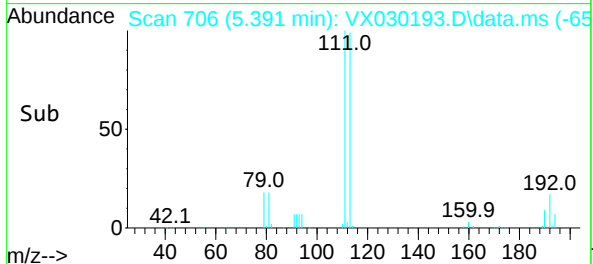
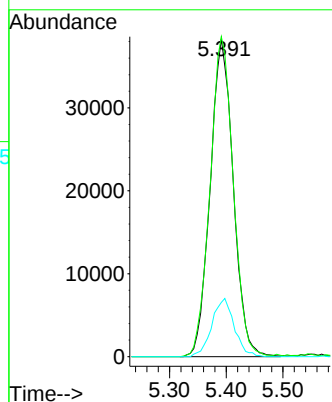
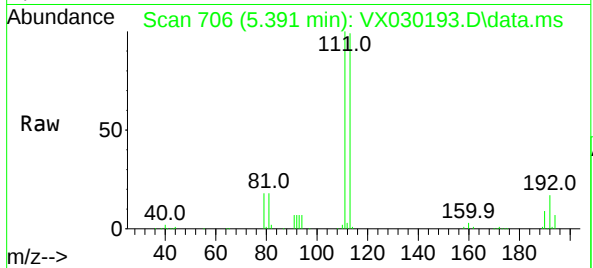




#35
Dibromofluoromethane
Concen: 31.138 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

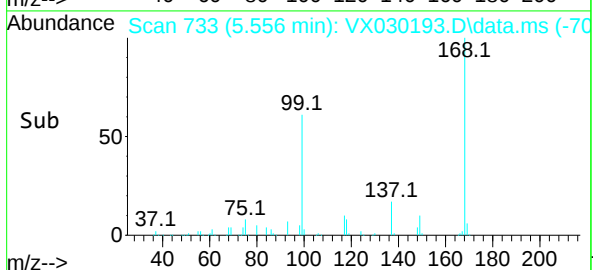
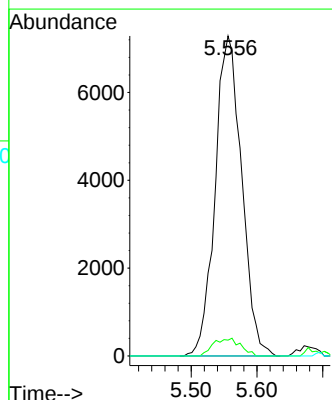
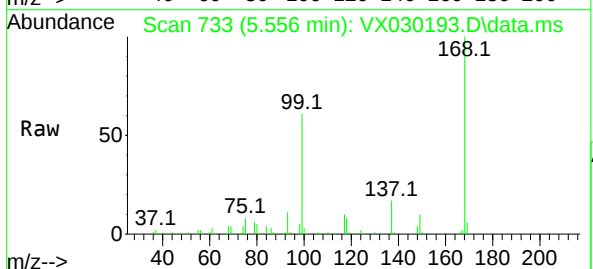
Instrument :
MSVOA_X
ClientSampleId :
IBLK

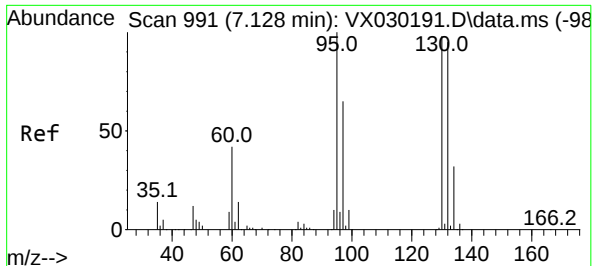
Tgt Ion:113 Resp: 108030
Ion Ratio Lower Upper
113 100
111 101.4 83.2 124.8
192 17.8 14.8 22.2



#38
Carbon Tetrachloride
Concen: 4.479 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion:117 Resp: 20432
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 25.8 38.8#

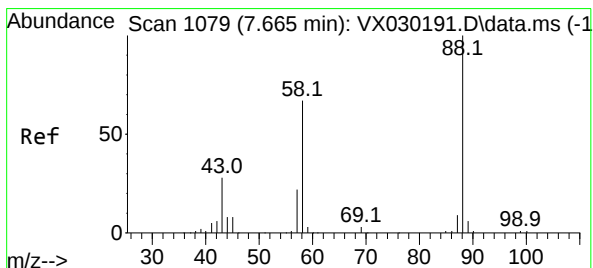
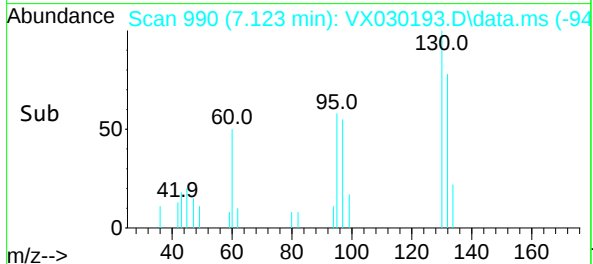
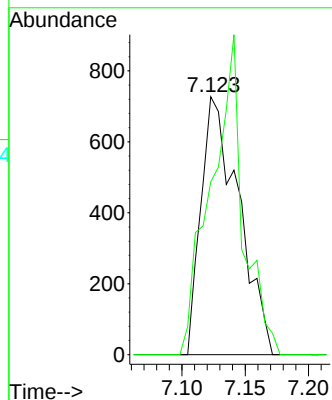
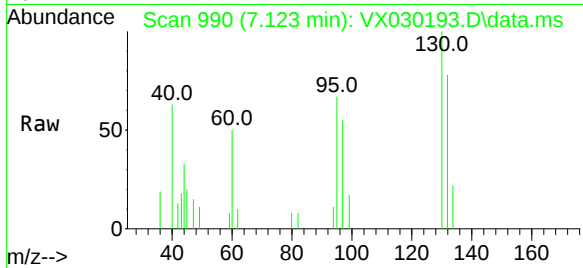




#44
Trichloroethene
Concen: 0.359 ug/l
RT: 7.123 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

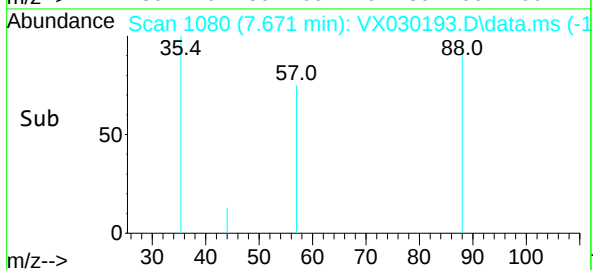
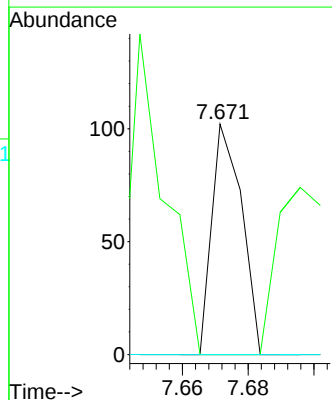
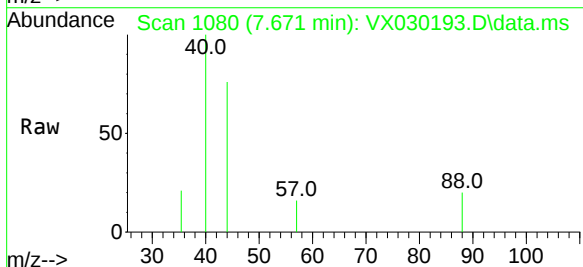
Instrument :
MSVOA_X
ClientSampleId :
IBLK

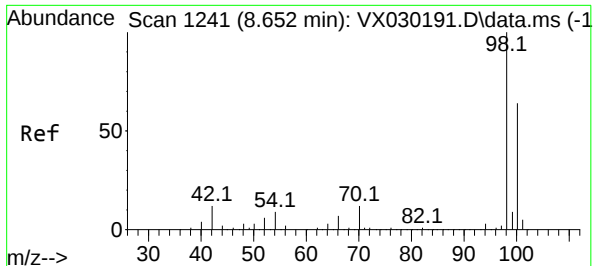
Tgt Ion:130 Resp: 1502
Ion Ratio Lower Upper
130 100
95 67.0 0.0 194.8



#49
1,4-Dioxane
Concen: 0.559 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.007 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

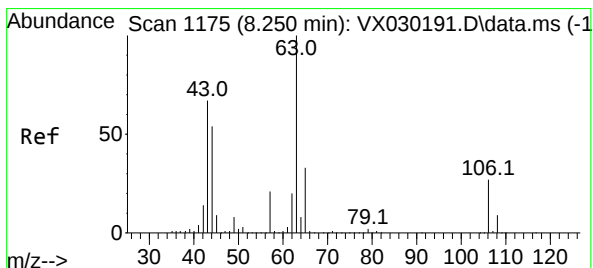
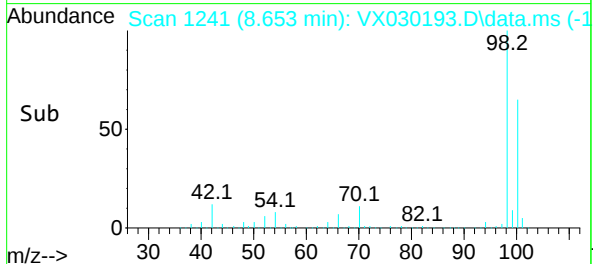
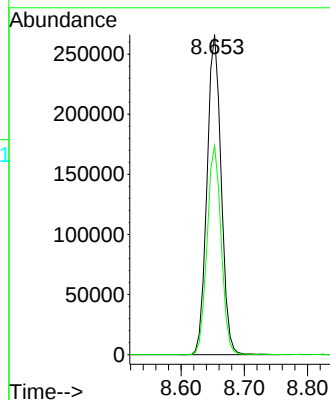
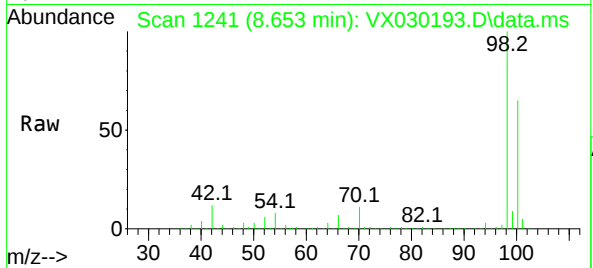




#50
Toluene-d8
Concen: 31.153 ug/l
RT: 8.653 min Scan# 1175
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

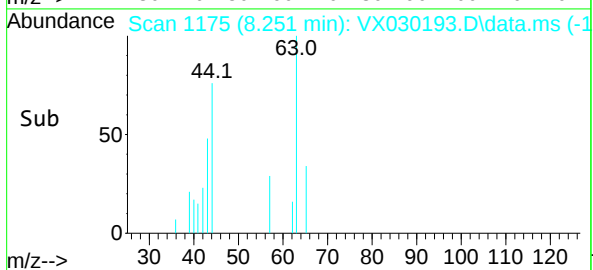
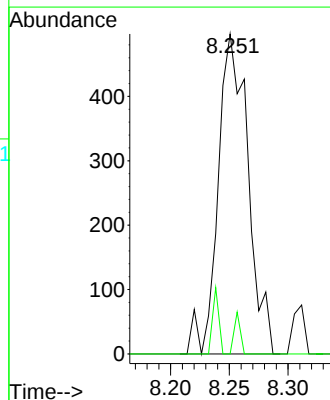
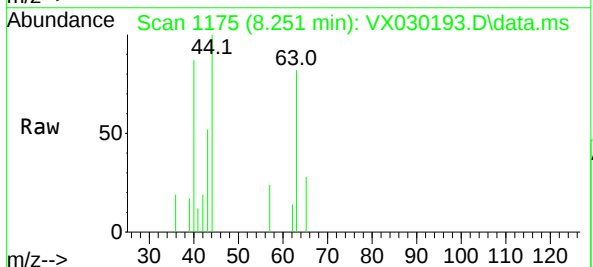
Instrument :
MSVOA_X
ClientSampleId :
IBLK

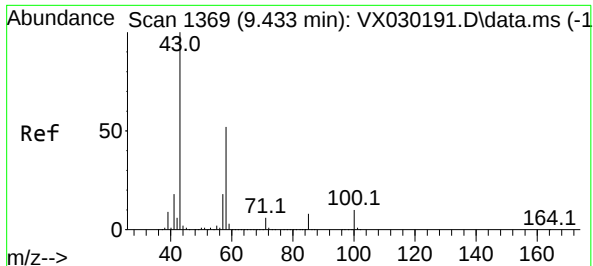
Tgt Ion: 98 Resp: 415378
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#58
2-Chloroethyl Vinyl ether
Concen: 0.275 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion: 63 Resp: 883
Ion Ratio Lower Upper
63 100
106 2.7 22.2 33.2#





#59

2-Hexanone

Concen: 0.212 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX030193.D

Acq: 25 Jul 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

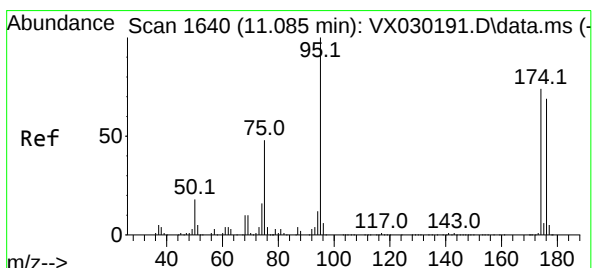
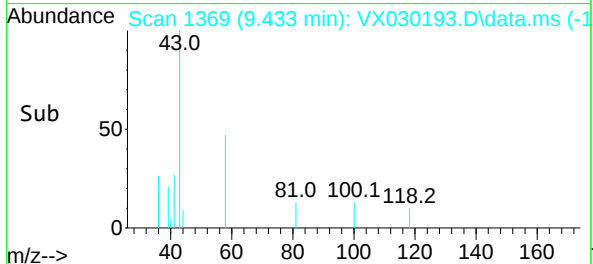
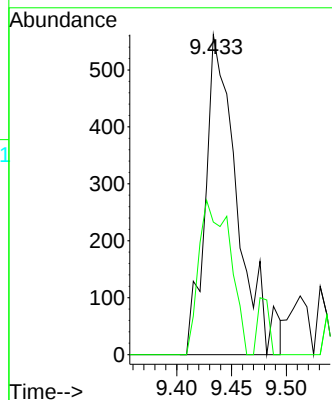
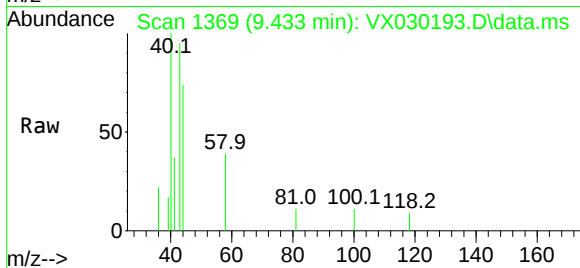
IBLK

Tgt Ion: 43 Resp: 1144

Ion Ratio Lower Upper

43 100

58 46.9 27.6 82.8



#62

4-Bromofluorobenzene

Concen: 28.328 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.001 min

Lab File: VX030193.D

Acq: 25 Jul 2022 15:07

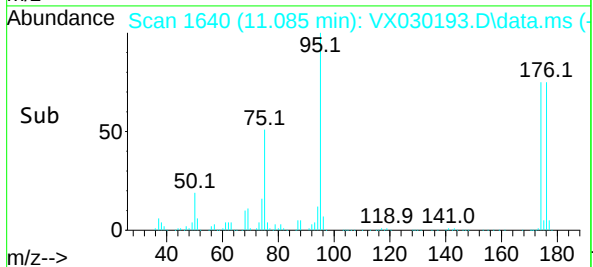
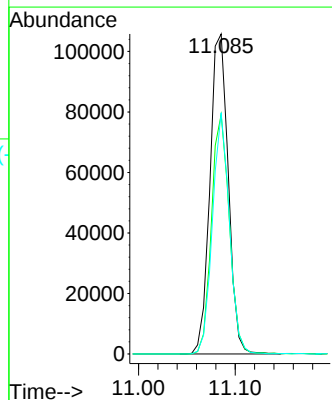
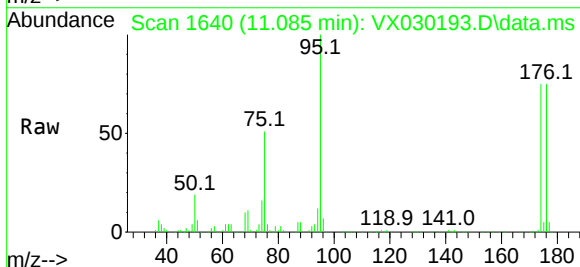
Tgt Ion: 95 Resp: 139406

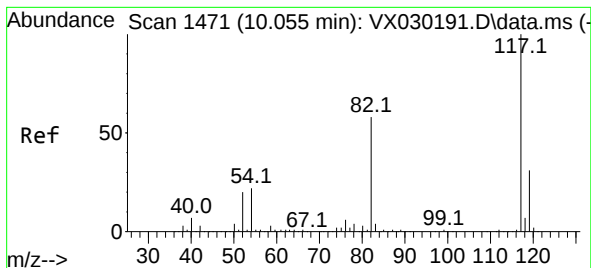
Ion Ratio Lower Upper

95 100

174 72.8 0.0 149.0

176 69.6 0.0 146.0



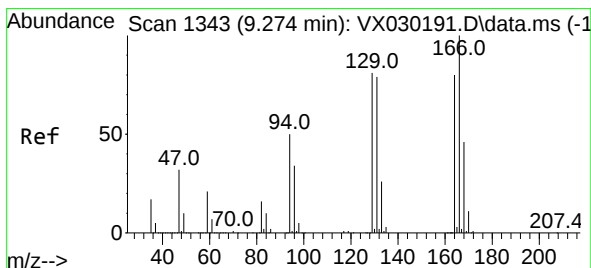
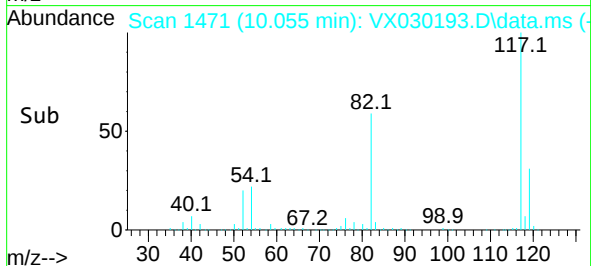
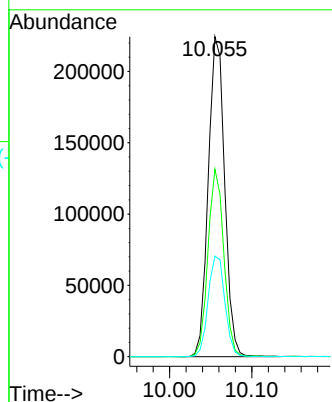
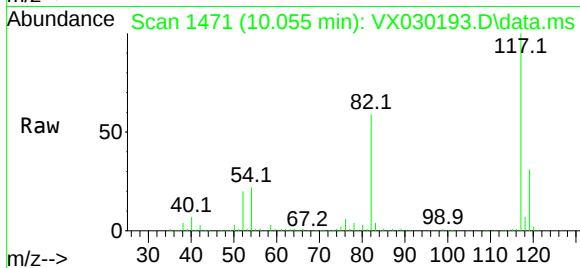


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 311323

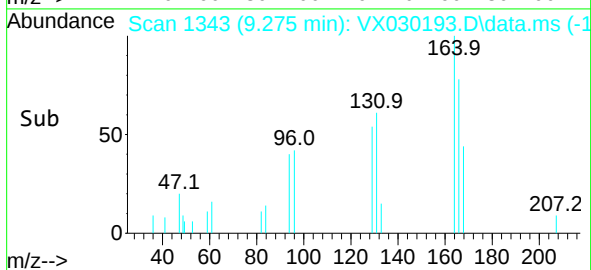
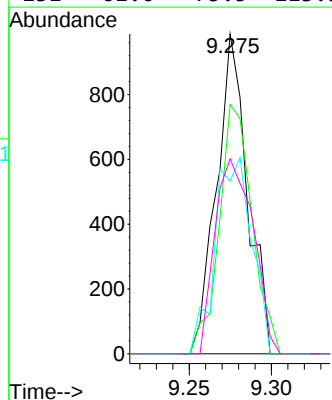
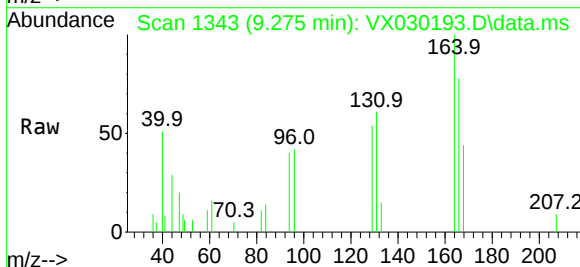
Ion	Ratio	Lower	Upper
117	100		
82	58.6	42.7	64.1
119	31.5	25.4	38.2

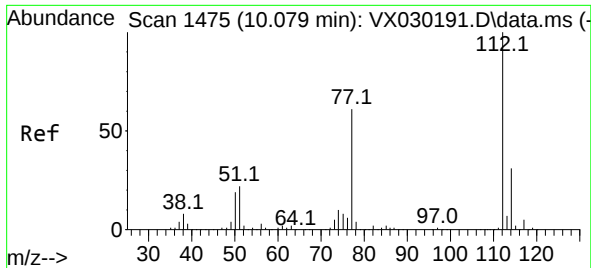


#64
Tetrachloroethene
Concen: 0.383 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion:164 Resp: 1284

Ion	Ratio	Lower	Upper
164	100		
166	78.0	98.2	147.4#
129	54.0	80.8	121.2#
131	61.0	75.5	113.3#

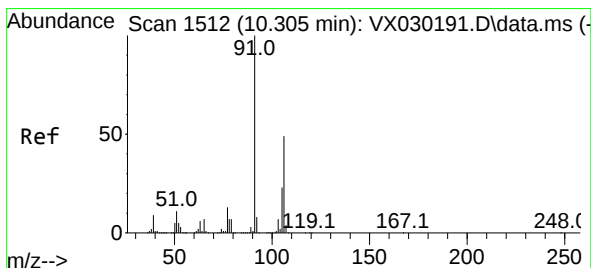
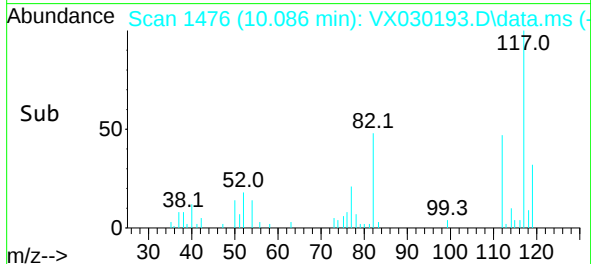
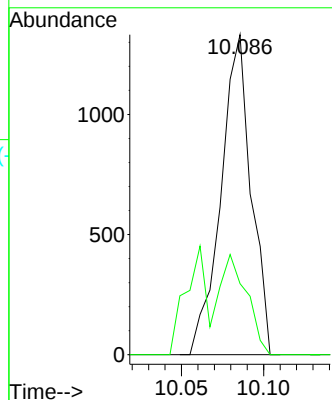
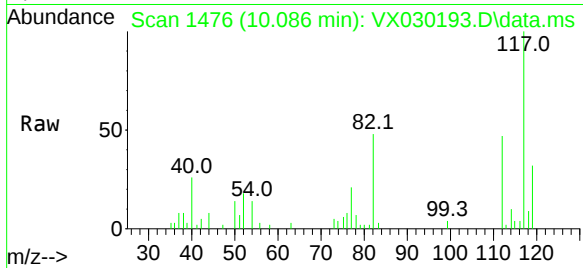




#65
Chlorobenzene
Concen: 0.203 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.007 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

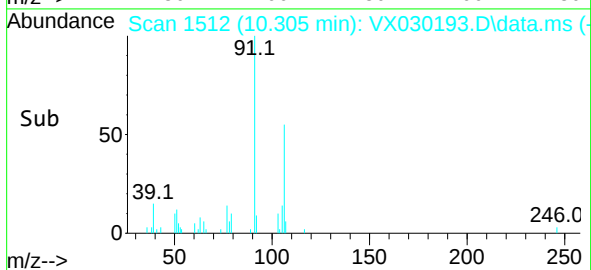
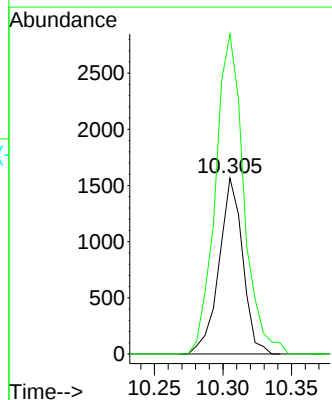
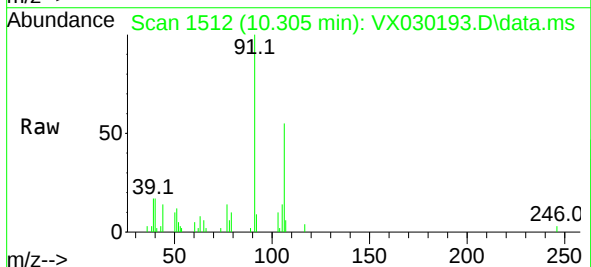
Instrument :
MSVOA_X
ClientSampleId :
IBLK

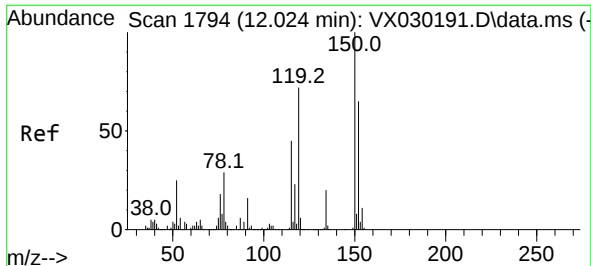
Tgt Ion:112 Resp: 1700
Ion Ratio Lower Upper
112 100
114 22.2 24.6 36.8#



#68
m/p-Xylenes
Concen: 0.333 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion:106 Resp: 1881
Ion Ratio Lower Upper
106 100
91 217.7 158.2 237.4

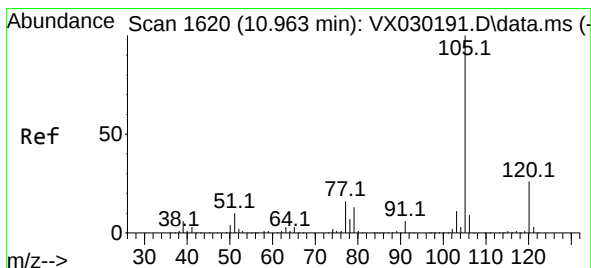
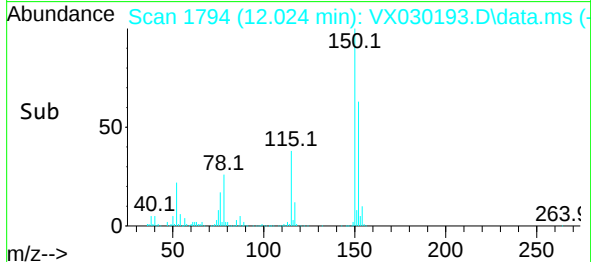
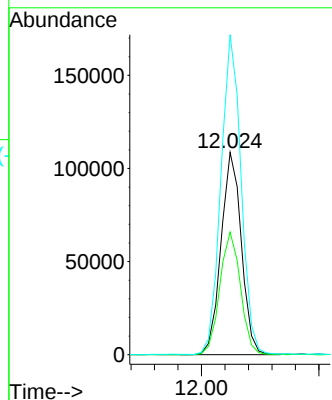
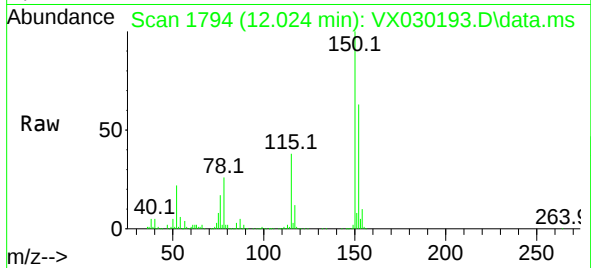




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.001 min
 Lab File: VX030193.D
 Acq: 25 Jul 2022 15:07

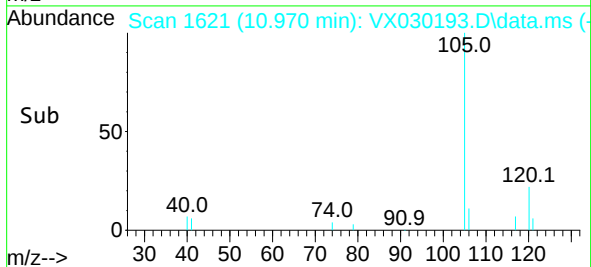
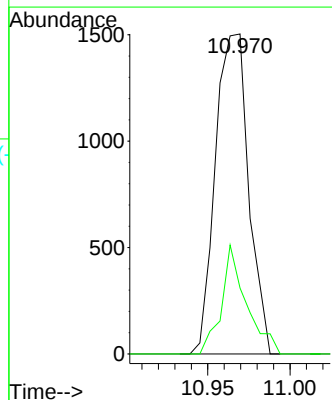
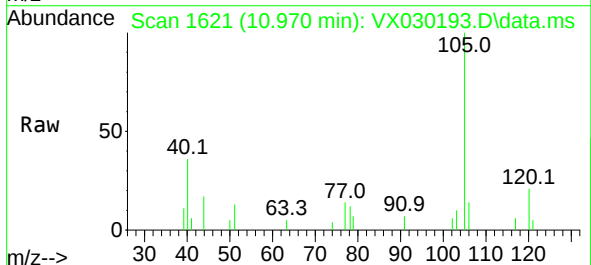
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

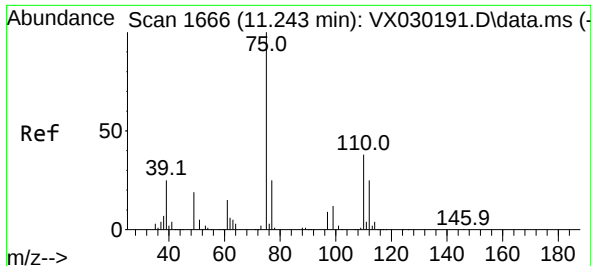
Tgt Ion:152 Resp: 130606
 Ion Ratio Lower Upper
 152 100
 115 61.4 40.5 121.5
 150 158.0 0.0 347.0



#73
 Isopropylbenzene
 Concen: 0.209 ug/l
 RT: 10.970 min Scan# 1621
 Delta R.T. 0.007 min
 Lab File: VX030193.D
 Acq: 25 Jul 2022 15:07

Tgt Ion:105 Resp: 2113
 Ion Ratio Lower Upper
 105 100
 120 25.4 13.5 40.4

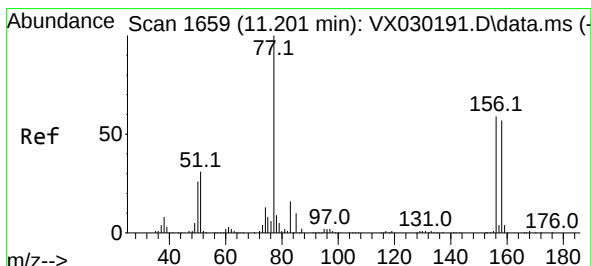
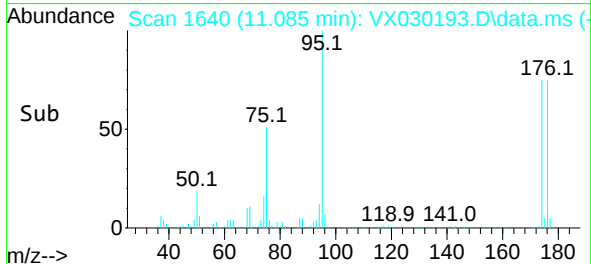
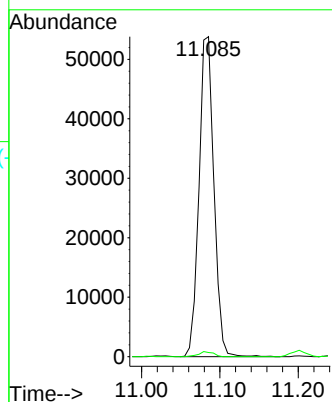
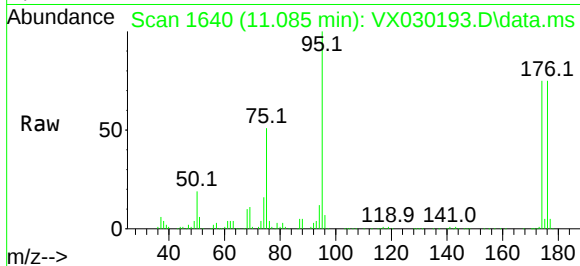




#76
1,2,3-Trichloropropane
Concen: 19.602 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

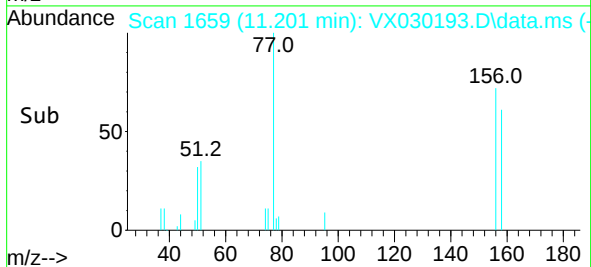
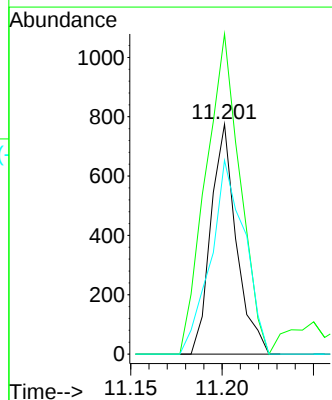
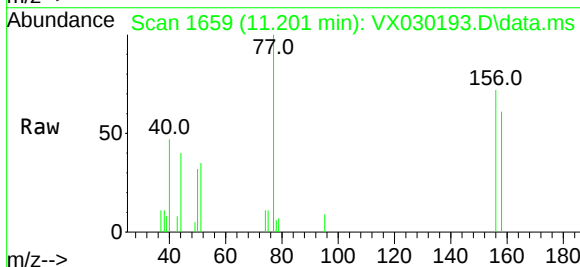
Instrument :
MSVOA_X
ClientSampleId :
IBLK

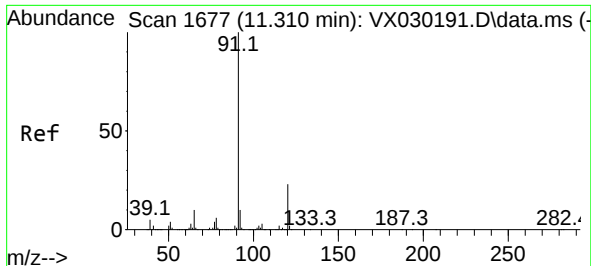
Tgt Ion: 75 Resp: 71292
Ion Ratio Lower Upper
75 100
77 1.6 19.8 59.3#



#77
Bromobenzene
Concen: 0.316 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion: 156 Resp: 749
Ion Ratio Lower Upper
156 100
77 188.1 82.7 247.9
158 112.7 47.5 142.5

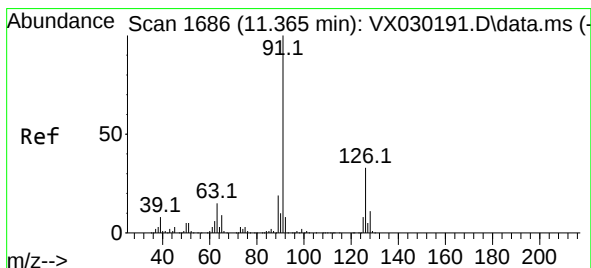
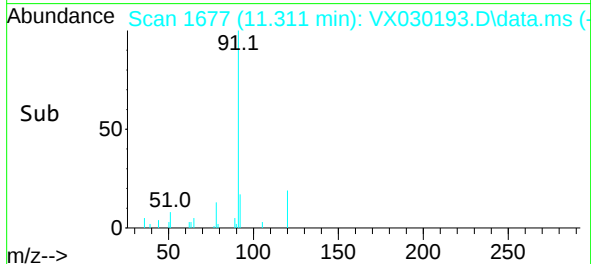
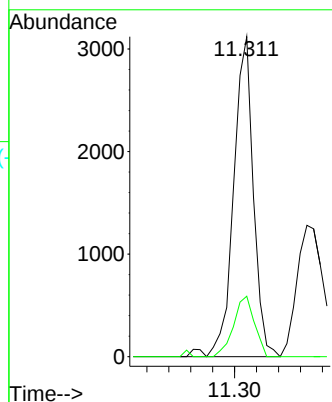
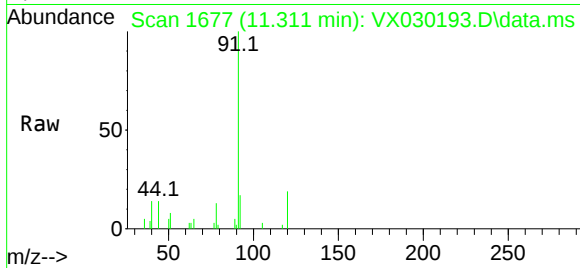




#78
n-propylbenzene
Concen: 0.325 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

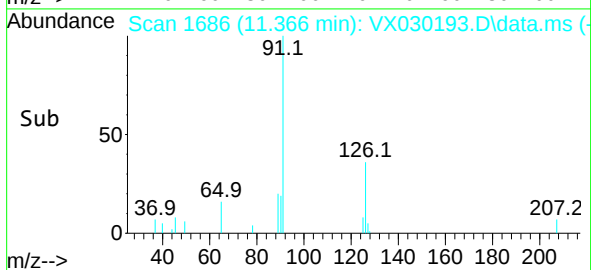
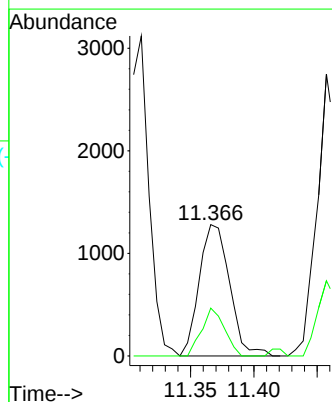
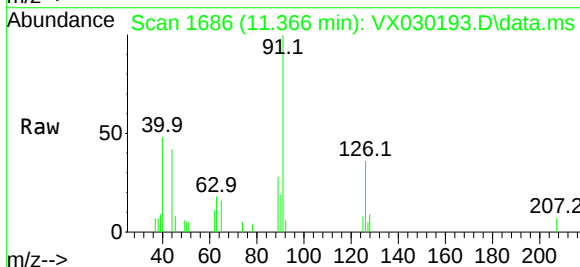
Instrument :
MSVOA_X
ClientSampleId :
IBLK

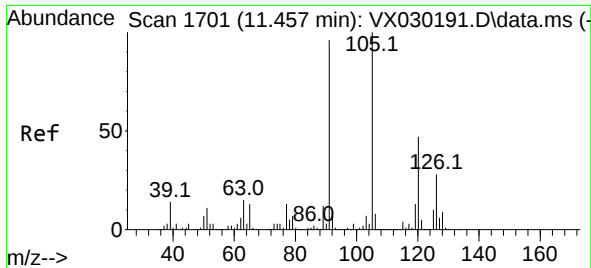
Tgt Ion: 91 Resp: 3909
Ion Ratio Lower Upper
91 100
120 19.9 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.281 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion: 91 Resp: 2138
Ion Ratio Lower Upper
91 100
126 27.2 17.4 52.3

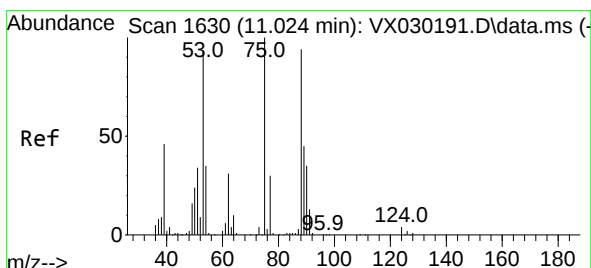
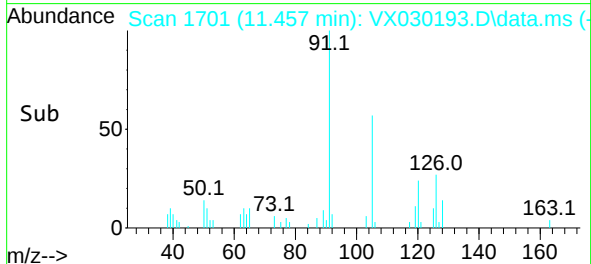
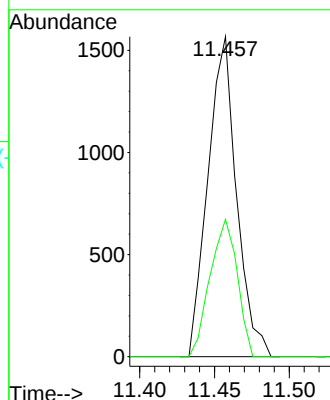
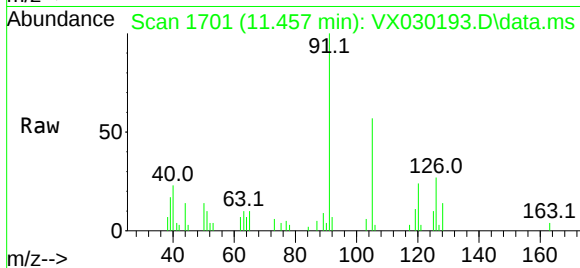




#80
 1,3,5-Trimethylbenzene
 Concen: 0.247 ug/l
 RT: 11.457 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX030193.D
 Acq: 25 Jul 2022 15:07

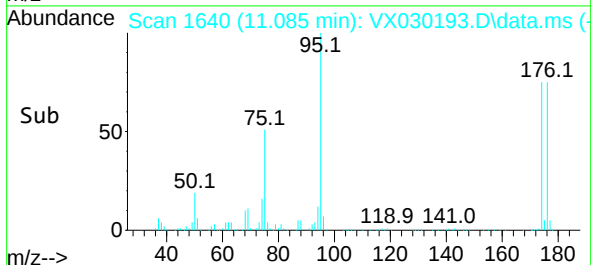
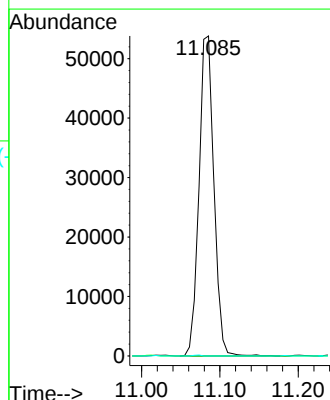
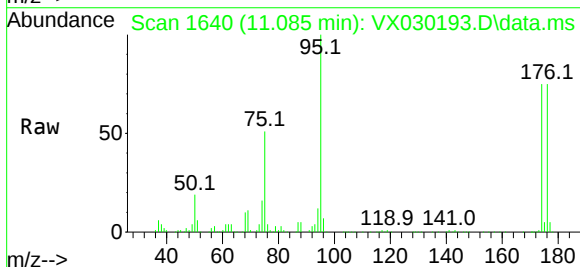
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

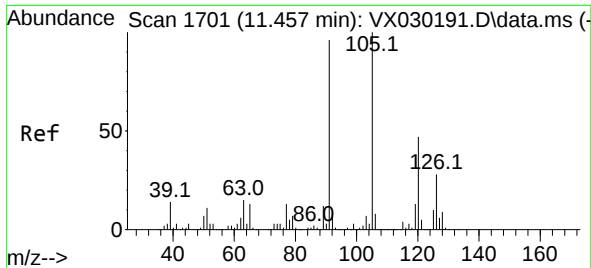
Tgt Ion:105 Resp: 2083
 Ion Ratio Lower Upper
 105 100
 120 40.7 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.892 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX030193.D
 Acq: 25 Jul 2022 15:07

Tgt Ion: 75 Resp: 71292
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

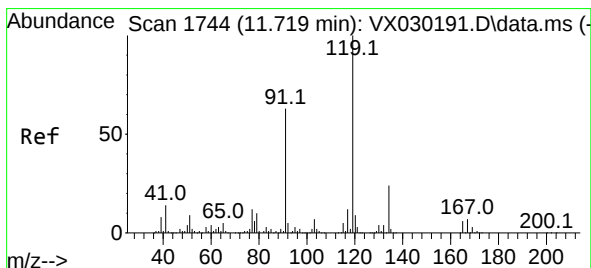
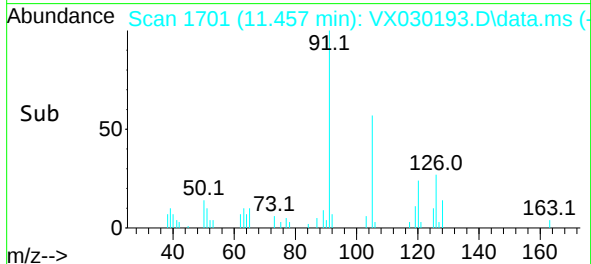
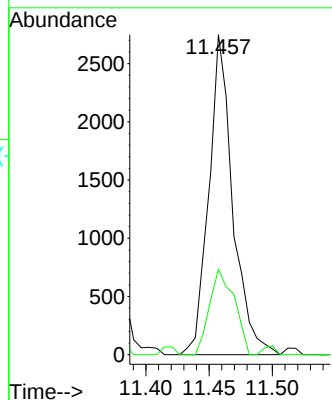
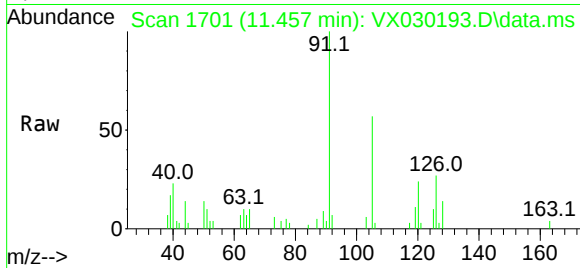




#82
4-Chlorotoluene
Concen: 0.436 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

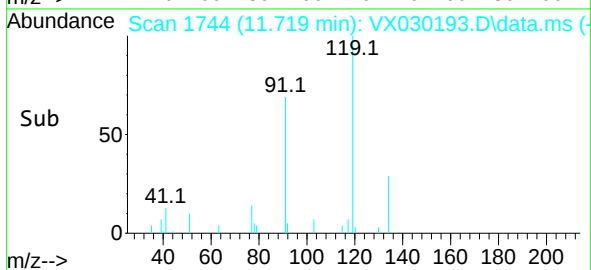
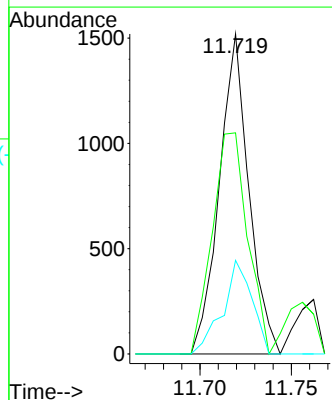
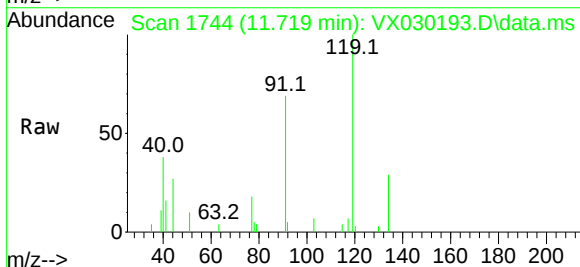
Instrument :
MSVOA_X
ClientSampleId :
IBLK

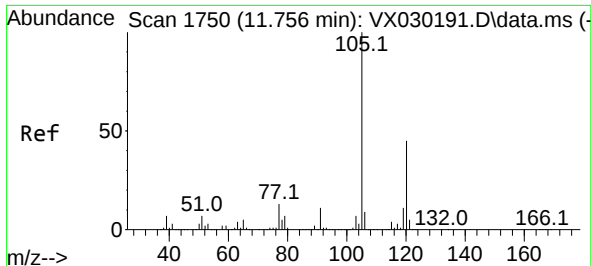
Tgt Ion: 91 Resp: 3613
Ion Ratio Lower Upper
91 100
126 27.7 15.3 45.9



#83
tert-Butylbenzene
Concen: 0.218 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion: 119 Resp: 1705
Ion Ratio Lower Upper
119 100
91 82.6 28.3 84.9
134 29.0 11.2 33.5

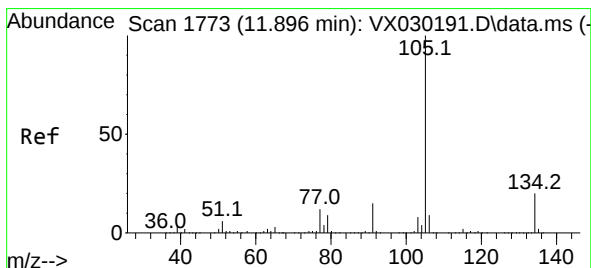
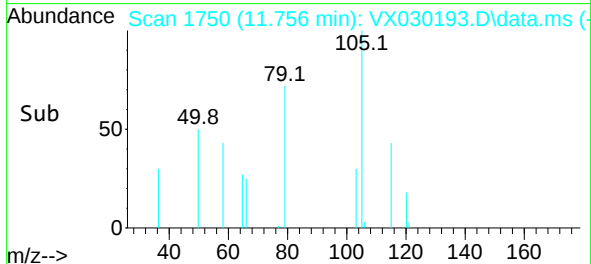
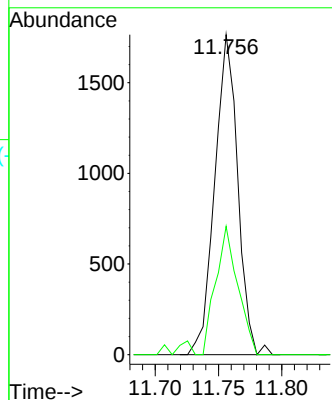
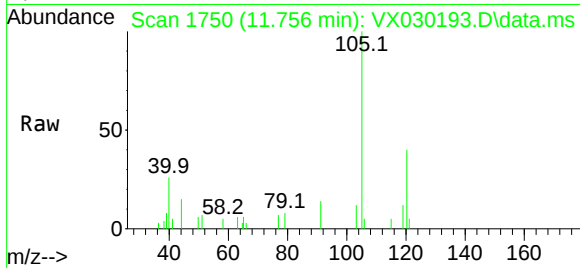




#84
1,2,4-Trimethylbenzene
Concen: 0.263 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

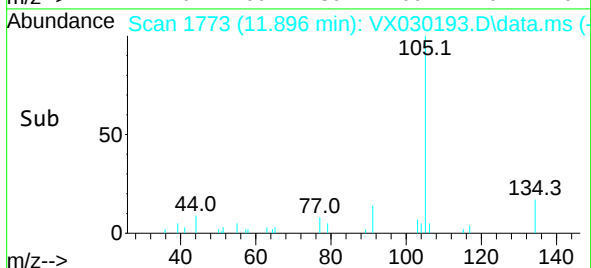
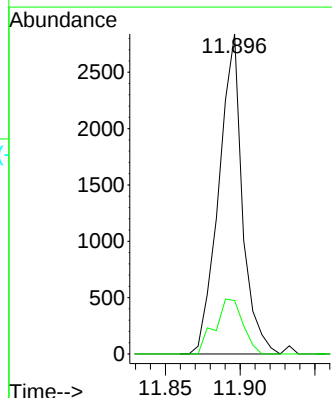
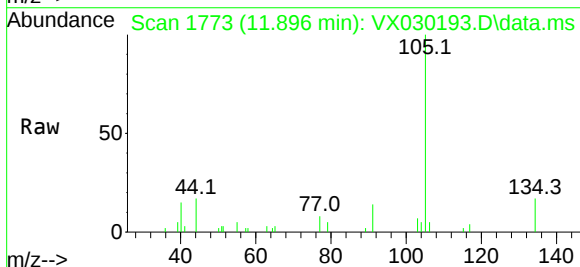
Instrument :
MSVOA_X
ClientSampleId :
IBLK

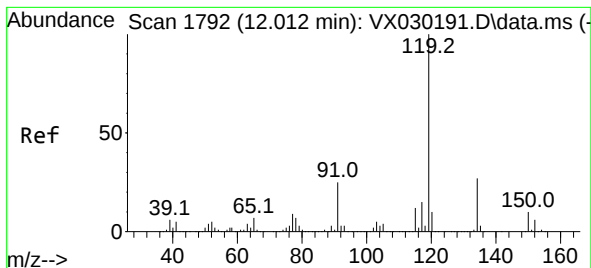
Tgt Ion:105 Resp: 2224
Ion Ratio Lower Upper
105 100
120 38.8 22.9 68.8



#85
sec-Butylbenzene
Concen: 0.289 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion:105 Resp: 3111
Ion Ratio Lower Upper
105 100
134 20.3 10.0 30.0





#86

p-Isopropyltoluene

Concen: 0.310 ug/l

RT: 12.012 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX030193.D

Acq: 25 Jul 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

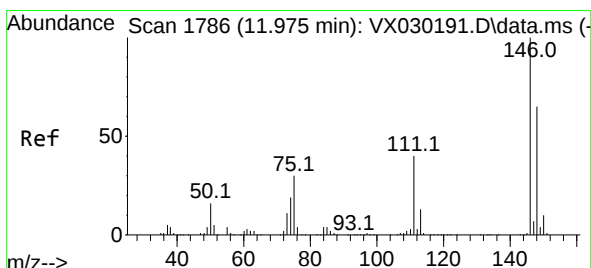
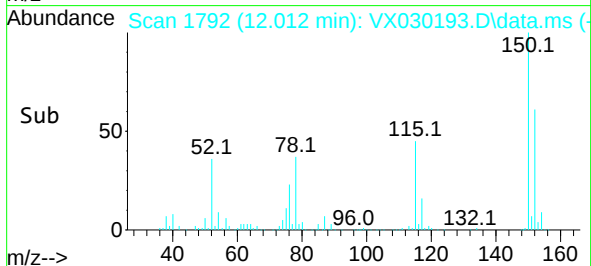
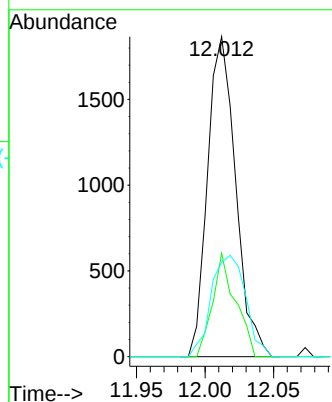
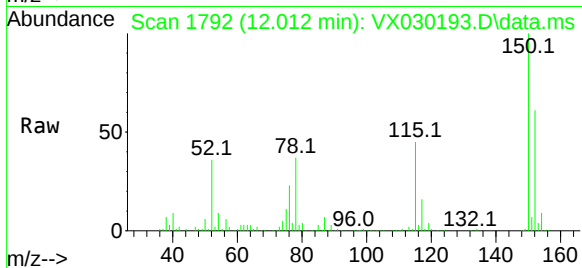
Tgt Ion:119 Resp: 2660

Ion Ratio Lower Upper

119 100

134 26.4 13.9 41.6

91 38.8 11.8 35.3#



#87

1,3-Dichlorobenzene

Concen: 0.509 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX030193.D

Acq: 25 Jul 2022 15:07

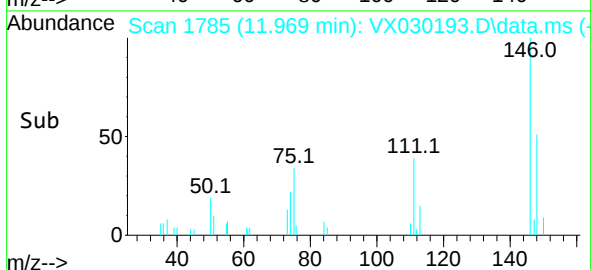
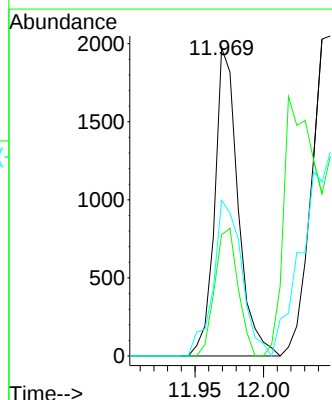
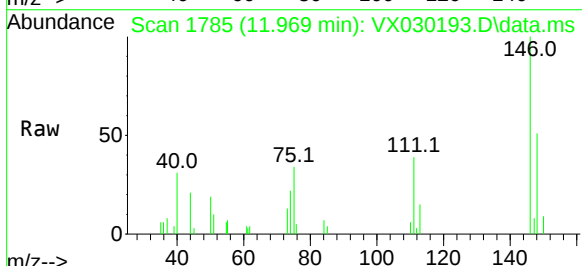
Tgt Ion:146 Resp: 2343

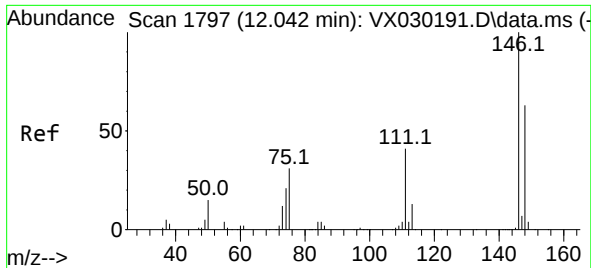
Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.8

148 61.4 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.507 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX030193.D

Acq: 25 Jul 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

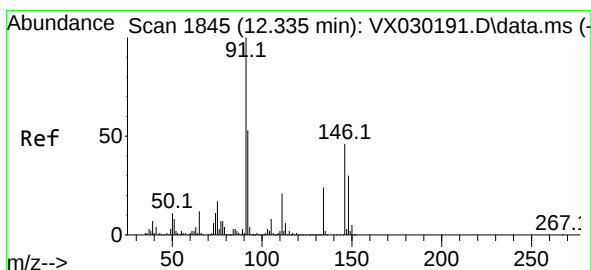
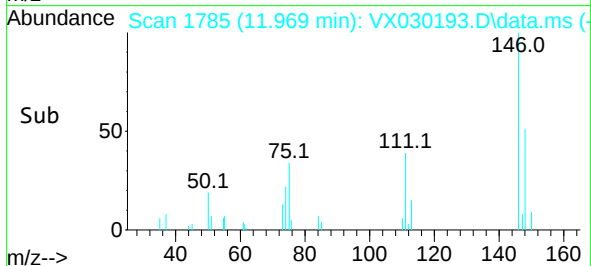
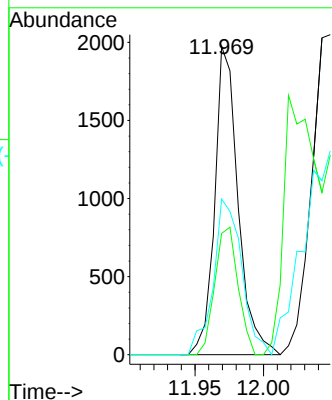
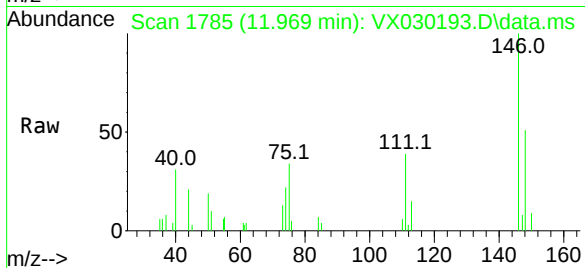
Tgt Ion:146 Resp: 2343

Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.9

148 61.4 32.3 96.8



#89

n-Butylbenzene

Concen: 0.459 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.001 min

Lab File: VX030193.D

Acq: 25 Jul 2022 15:07

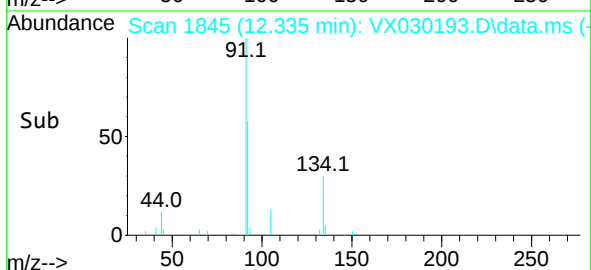
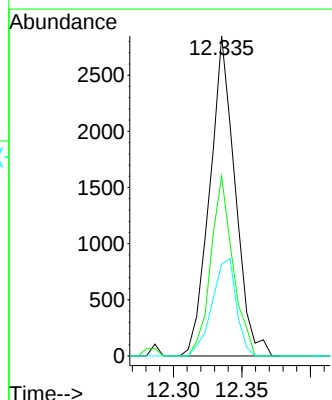
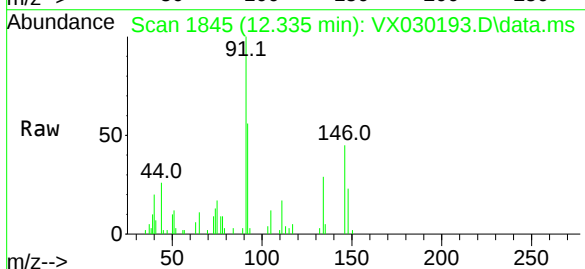
Tgt Ion: 91 Resp: 3662

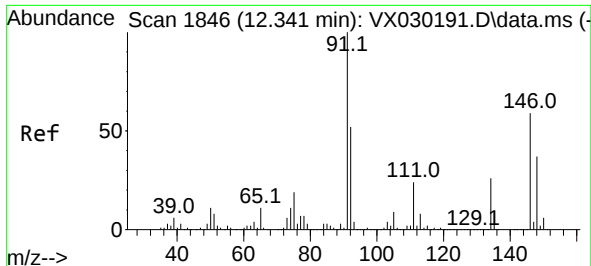
Ion Ratio Lower Upper

91 100

92 48.9 26.2 78.5

134 29.0 12.6 37.8

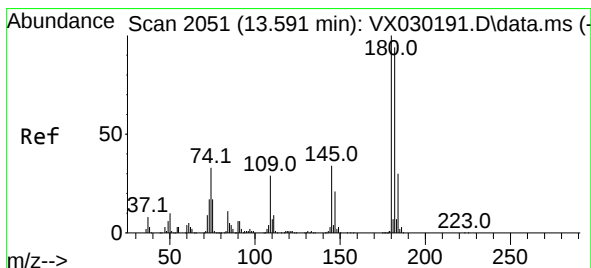
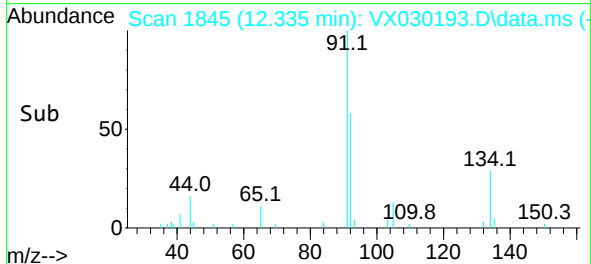
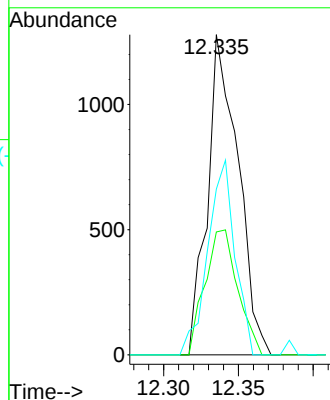
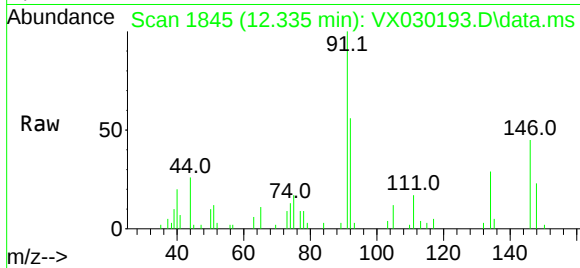




#91
1,2-Dichlorobenzene
Concen: 0.403 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

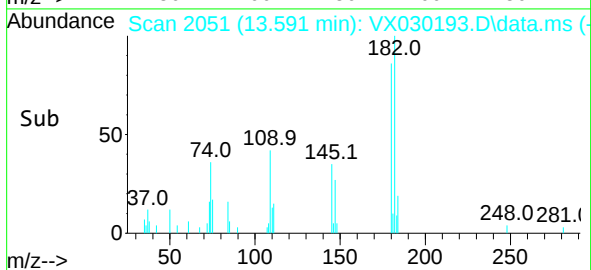
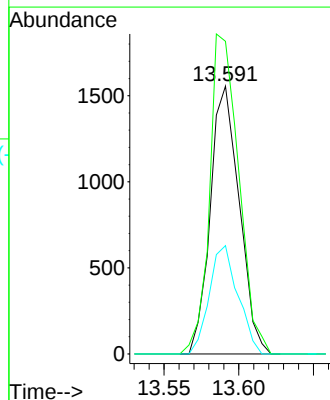
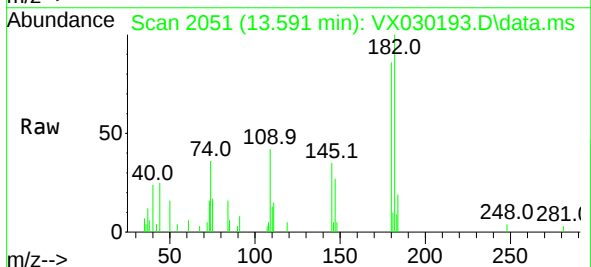
Instrument :
MSVOA_X
ClientSampleId :
IBLK

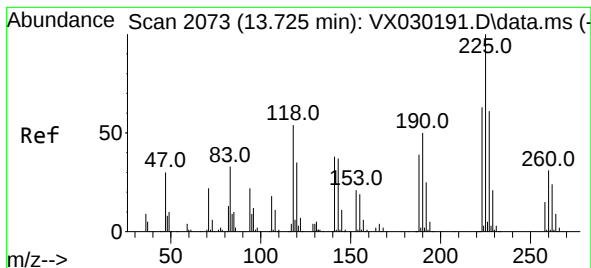
Tgt Ion:146 Resp: 1822
Ion Ratio Lower Upper
146 100
111 41.7 20.7 62.1
148 53.8 32.0 96.2



#93
1,2,4-Trichlorobenzene
Concen: 0.800 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.001 min
Lab File: VX030193.D
Acq: 25 Jul 2022 15:07

Tgt Ion:180 Resp: 2096
Ion Ratio Lower Upper
180 100
182 120.0 48.2 144.6
145 40.0 15.9 47.6





#94

Hexachlorobutadiene

Concen: 0.890 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.001 min

Lab File: VX030193.D

Acq: 25 Jul 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

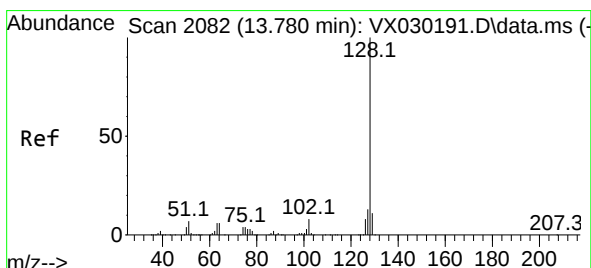
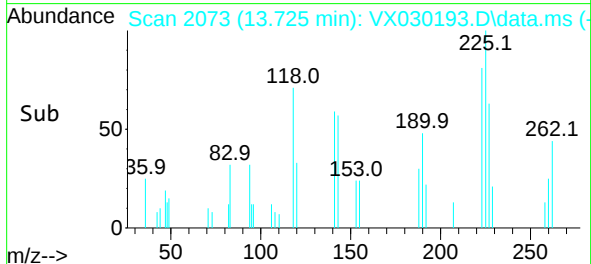
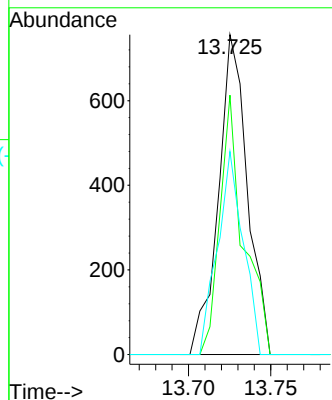
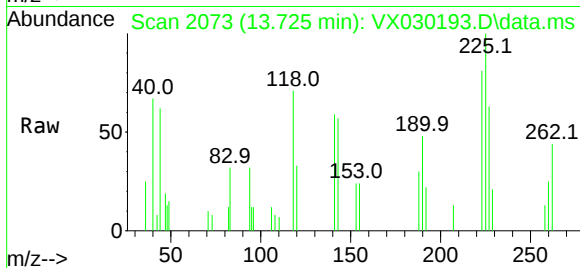
Tgt Ion:225 Resp: 927

Ion Ratio Lower Upper

225 100

223 66.1 30.6 91.6

227 56.0 31.9 95.9



#95

Naphthalene

Concen: 0.661 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.001 min

Lab File: VX030193.D

Acq: 25 Jul 2022 15:07

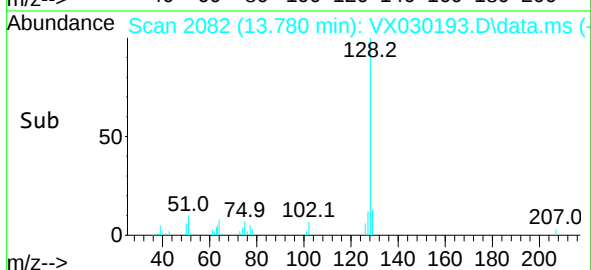
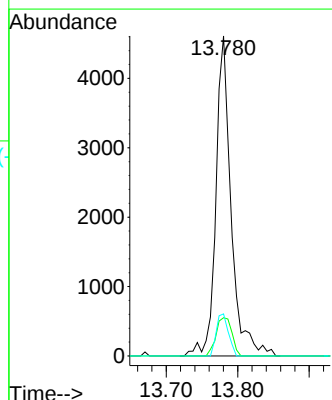
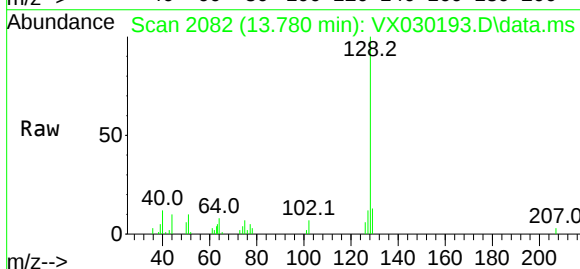
Tgt Ion:128 Resp: 6823

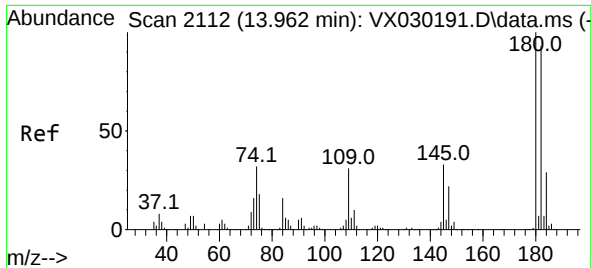
Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

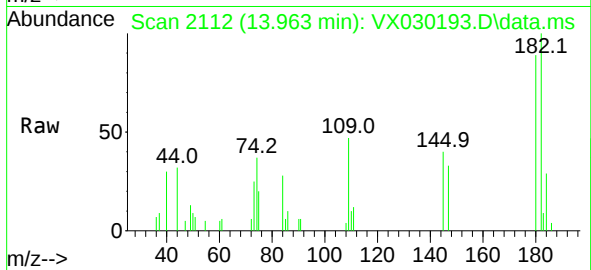
129 10.4 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.683 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.001 min
 Lab File: VX030193.D
 Acq: 25 Jul 2022 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180	Resp:	1847
Ion	Ratio	Lower Upper
180	100	
182	112.6	47.0 141.0
145	39.5	17.0 50.9

