

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031404.D
 Acq On : 16 Sep 2022 12:13
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 16 12:48:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 16 12:41:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	13504	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	74185	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	65094	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	36820	30.265	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.900%	
60) 4-Bromofluorobenzene	11.079	95	33639	25.634	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 85.433%	
63) Toluene-d8	8.653	98	108578	30.471	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.567%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	274	0.374	ug/l #	43
3) Chloromethane	1.294	50	361	0.358	ug/l	99
4) Vinyl Chloride	1.374	62	357	0.305	ug/l #	52
5) Bromomethane	1.617	94	1394	0.901	ug/l	82
6) Chloroethane	1.392	64	291	0.211	ug/l	92
7) Trichlorofluoromethane	1.886	101	963	0.338	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	412	0.425	ug/l	82
10) 1,1-Dichloroethene	2.319	96	395	0.435	ug/l	89
11) Methyl Iodide	2.459	142	848	0.777	ug/l	87
13) Acrolein	2.044	56	38	0.205	ug/l	99
14) Acrylonitrile	3.081	53	680	1.194	ug/l #	54
16) Carbon Disulfide	2.514	76	4034	1.722	ug/l	99
17) Allyl chloride	2.660	41	413	0.281	ug/l #	75
18) Methylene Chloride	2.788	84	628	0.598	ug/l #	94
19) trans-1,2-Dichloroethene	3.093	96	805	0.754	ug/l	87
22) cis-1,2-Dichloroethene	4.501	96	341	0.280	ug/l #	20
23) tert-Butyl Alcohol	2.946	59	3756	12.807	ug/l #	100
37) Trichloroethene	7.135	130	435	0.366	ug/l	89
38) Methylcyclohexane	7.385	83	414	0.237	ug/l #	51
40) Dibromomethane	7.580	93	226	0.277	ug/l	82
42) Vinyl Acetate	3.733	43	844	0.279	ug/l #	80
48) t-1,3-Dichloropropene	8.982	75	386	0.212	ug/l #	71
51) Ethyl methacrylate	8.659	69	373	0.202	ug/l #	87
53) Dibromochloromethane	9.275	129	443	0.322	ug/l #	11
55) 2-Chloroethyl vinyl ether	8.257	63	444	0.469	ug/l #	72
56) Bromoform	11.085	173	373	0.362	ug/l #	1
59) 2-Hexanone	9.445	43	440	0.368	ug/l #	58
61) Tetrachloroethene	9.275	164	395	0.374	ug/l #	85
64) Chlorobenzene	10.079	112	902	0.308	ug/l	98
66) Ethyl Benzene	10.195	91	1231	0.235	ug/l	95
67) m/p-Xylenes	10.305	106	1115	0.502	ug/l	90
70) Isopropylbenzene	10.963	105	1259	0.223	ug/l	99
73) Bromobenzene	11.201	156	311	0.229	ug/l	74
74) n-propylbenzene	11.305	91	1816	0.277	ug/l	93
75) 2-Chlorotoluene	11.366	91	922	0.240	ug/l	94
76) 1,3,5-Trimethylbenzene	11.451	105	1080	0.216	ug/l	84
78) 4-Chlorotoluene	11.457	91	1619	0.353	ug/l	99
79) tert-butylbenzene	11.713	119	1139	0.241	ug/l	97
80) 1,2,4-Trimethylbenzene	11.756	105	1293	0.267	ug/l	96

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QLast Update : Fri Sep 16 12:41:56 2022
Response via : Initial Calibration

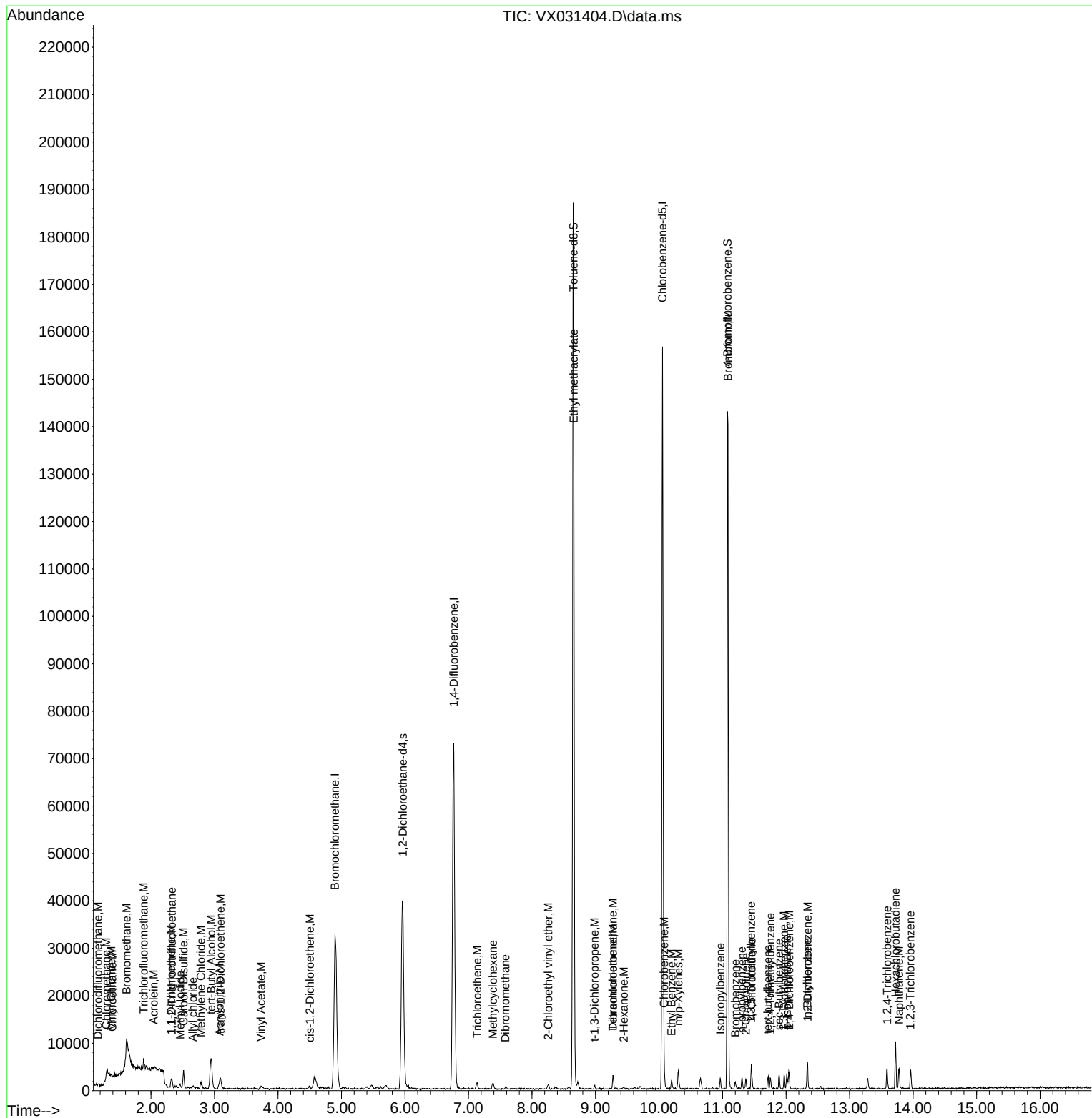
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) sec-Butylbenzene	11.890	105	1869	0.312	ug/l	91
82) p-Isopropyltoluene	12.012	119	1482	0.290	ug/l	95
83) 1,3-Dichlorobenzene	11.969	146	1048	0.390	ug/l	92
84) 1,4-Dichlorobenzene	12.049	146	1262	0.457	ug/l	96
85) n-Butylbenzene	12.335	91	1805	0.420	ug/l	91
87) 1,2-Dichlorobenzene	12.341	146	890	0.333	ug/l	88
89) 1,2,4-Trichlorobenzene	13.591	180	1288	0.878	ug/l	91
90) Hexachlorobutadiene	13.725	225	1337	2.486	ug/l	93
91) Naphthalene	13.780	128	3453	0.653	ug/l	98
92) 1,2,3-Trichlorobenzene	13.957	180	1036	0.704	ug/l	86

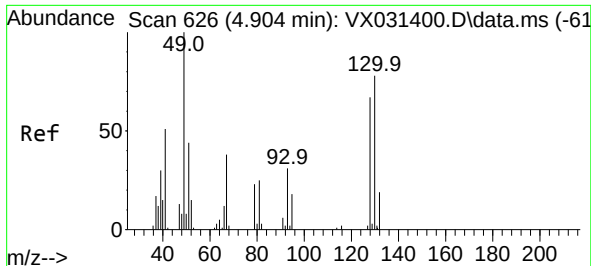
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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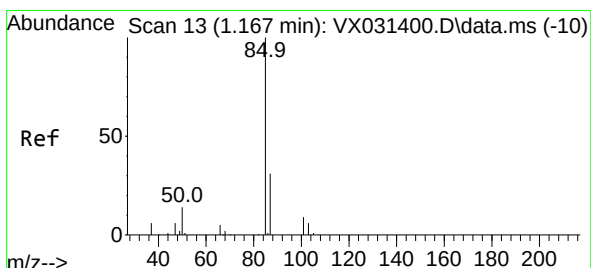
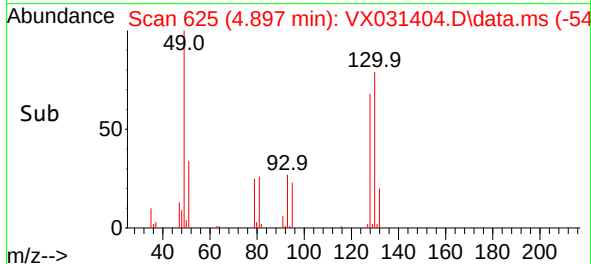
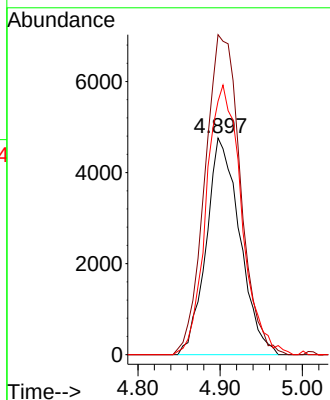
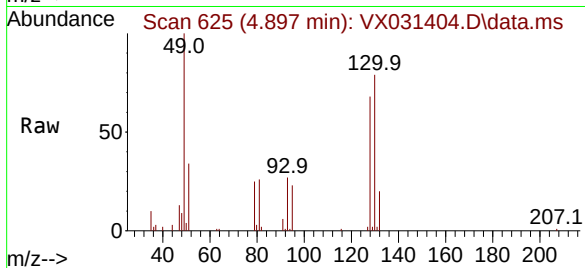




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

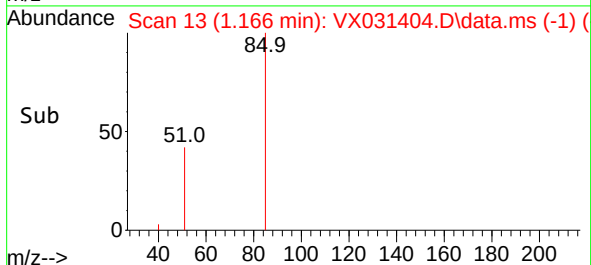
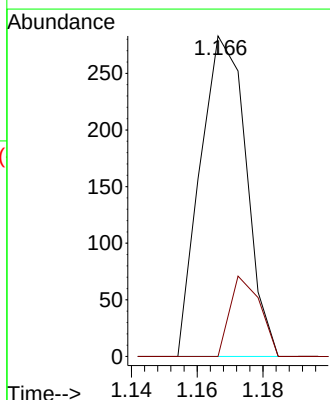
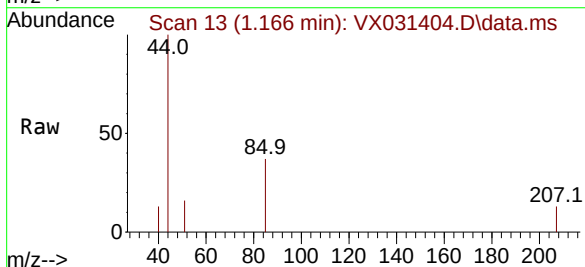
Instrument :
MSVOA_X
ClientSampleId :
IBLK

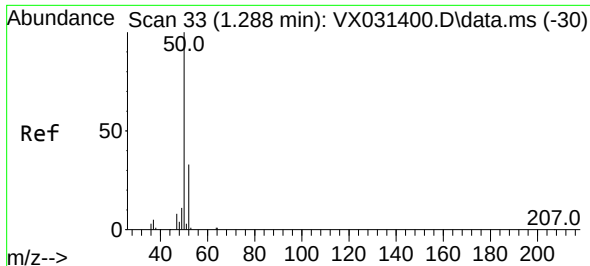
Tgt Ion:128 Resp: 13504
Ion Ratio Lower Upper
128 100
49 156.7 0.0 358.3
130 130.0 0.0 319.3



#2
Dichlorodifluoromethane
Concen: 0.374 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion: 85 Resp: 274
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

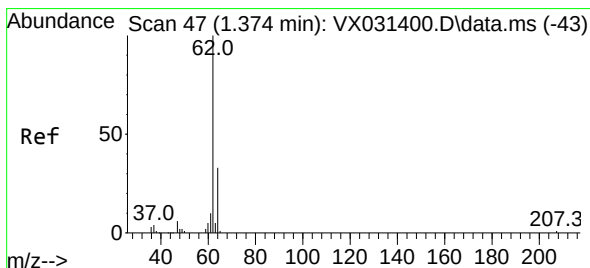
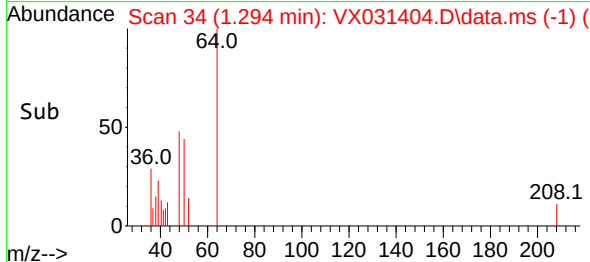
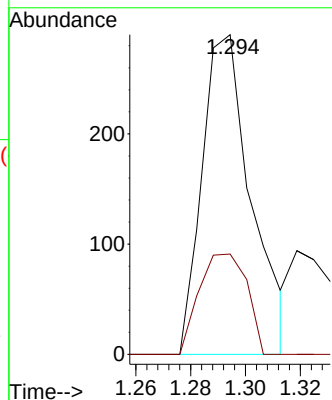
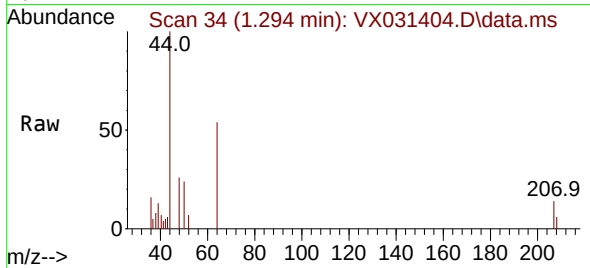




#3
Chloromethane
Concen: 0.358 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

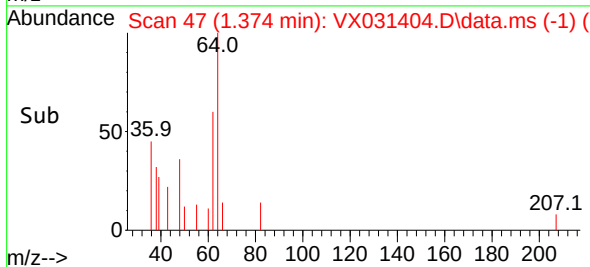
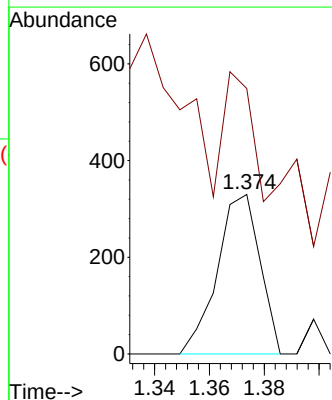
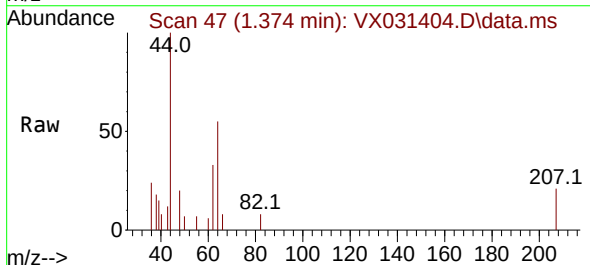
Instrument :
MSVOA_X
ClientSampleId :
IBLK

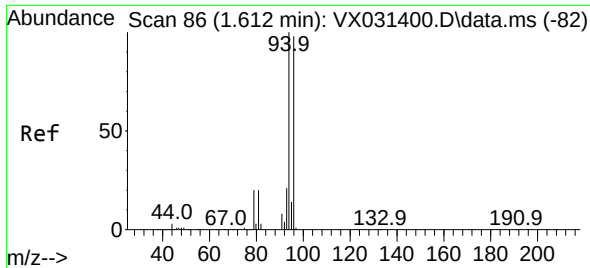
Tgt Ion: 50 Resp: 361
Ion Ratio Lower Upper
50 100
52 31.4 25.6 38.4



#4
Vinyl Chloride
Concen: 0.305 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion: 62 Resp: 357
Ion Ratio Lower Upper
62 100
64 59.7 26.2 39.2#

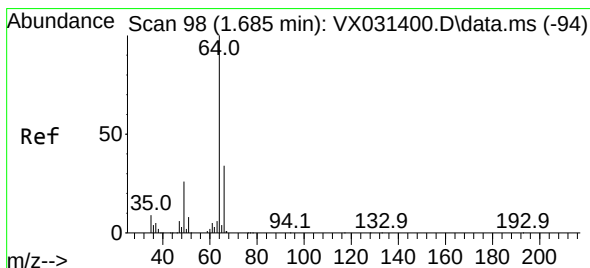
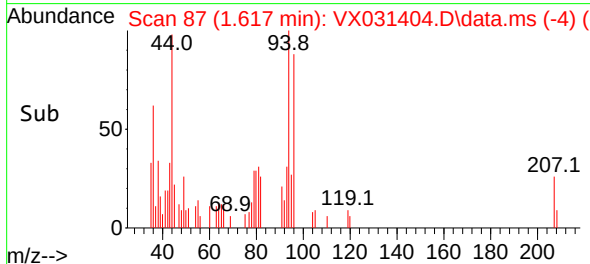
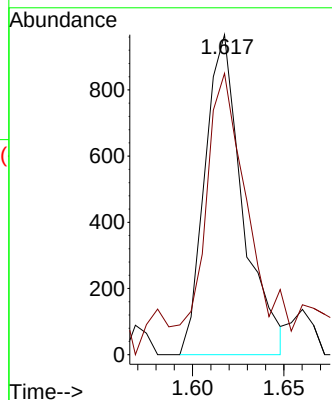
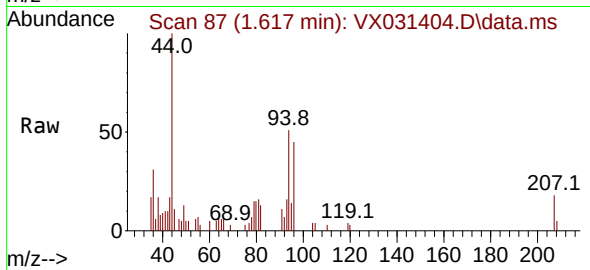




#5
 Bromomethane
 Concen: 0.901 ug/l
 RT: 1.617 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VX031404.D
 Acq: 16 Sep 2022 12:13

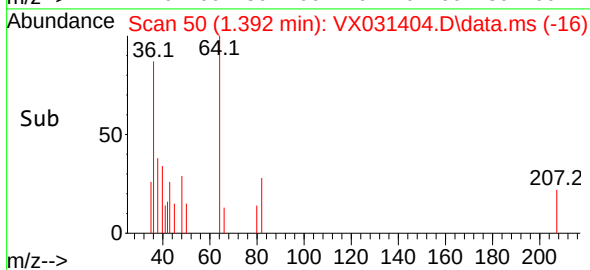
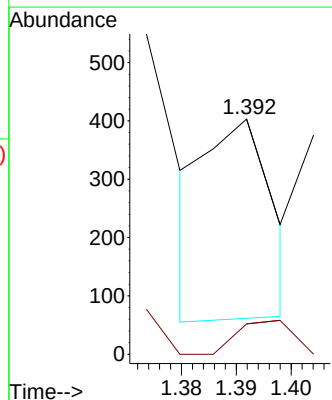
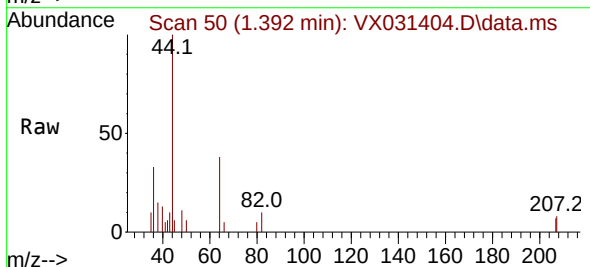
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

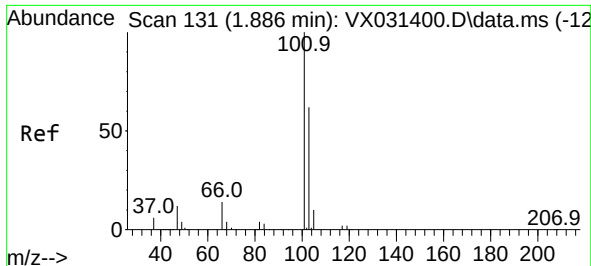
Tgt Ion: 94 Resp: 1394
 Ion Ratio Lower Upper
 94 100
 96 78.6 77.0 115.6



#6
 Chloroethane
 Concen: 0.211 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. -0.293 min
 Lab File: VX031404.D
 Acq: 16 Sep 2022 12:13

Tgt Ion: 64 Resp: 291
 Ion Ratio Lower Upper
 64 100
 66 28.7 26.4 39.6

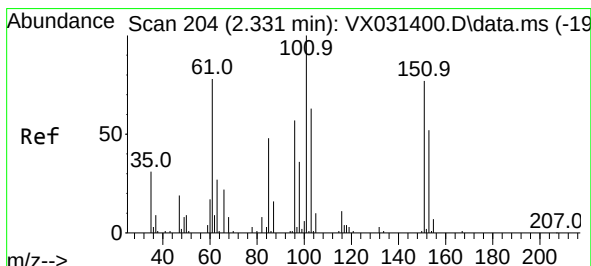
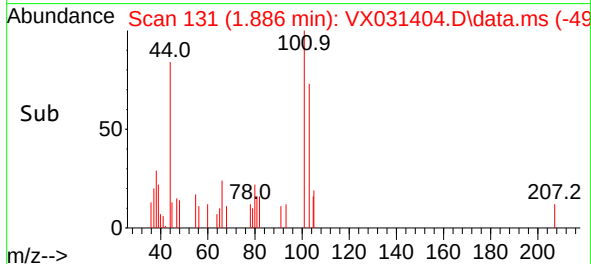
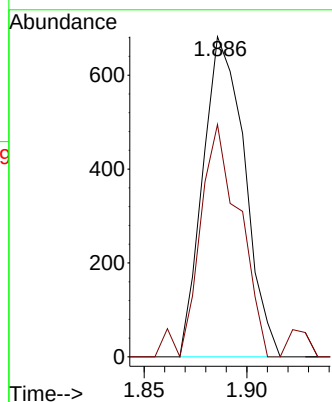
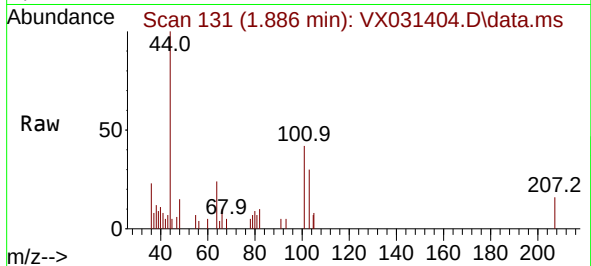




#7
 Trichlorofluoromethane
 Concen: 0.338 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031404.D
 Acq: 16 Sep 2022 12:13

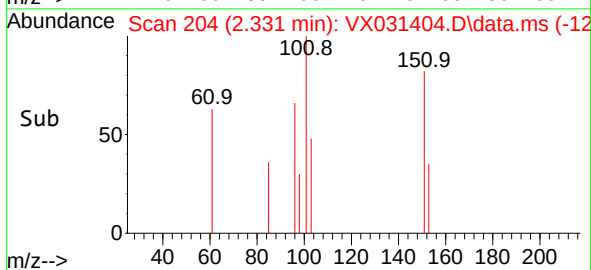
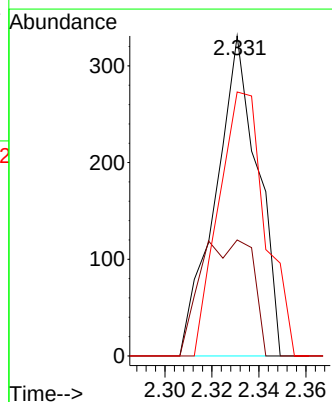
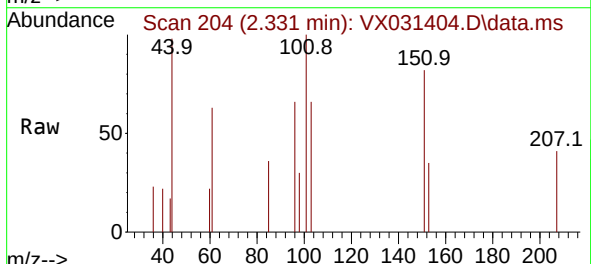
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

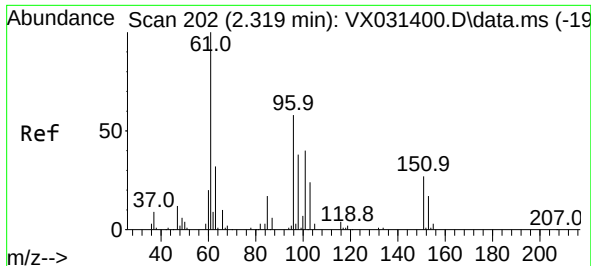
Tgt Ion:101 Resp: 963
 Ion Ratio Lower Upper
 101 100
 103 72.6 49.6 74.4



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.425 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX031404.D
 Acq: 16 Sep 2022 12:13

Tgt Ion:101 Resp: 412
 Ion Ratio Lower Upper
 101 100
 85 20.6 0.0 84.6
 151 91.3 0.0 165.4





#10

1,1-Dichloroethene

Concen: 0.435 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

IBLK

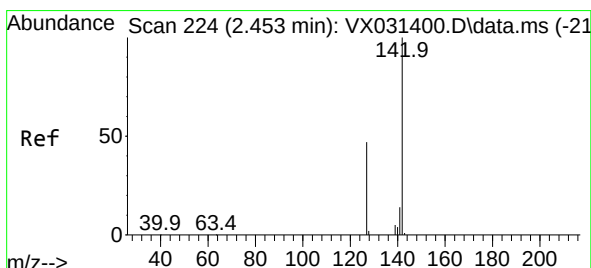
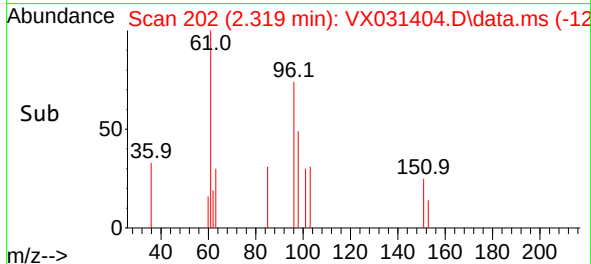
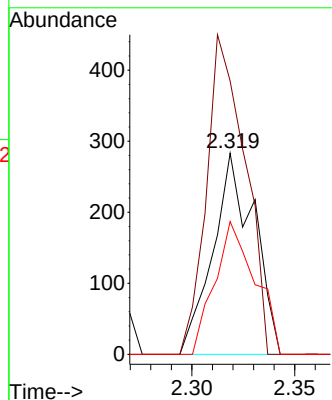
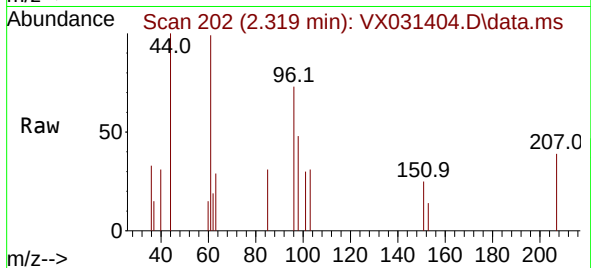
Tgt Ion: 96 Resp: 395

Ion Ratio Lower Upper

96 100

61 136.0 122.6 183.8

98 66.1 50.1 75.1



#11

Methyl Iodide

Concen: 0.777 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.006 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

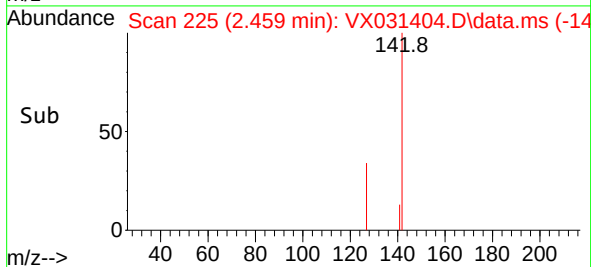
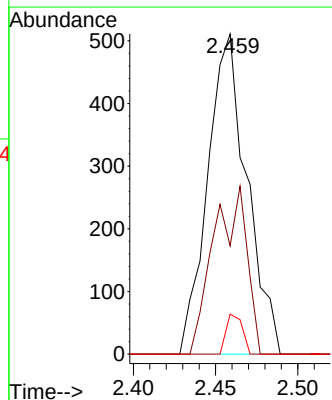
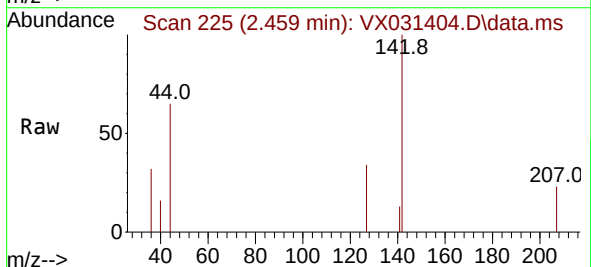
Tgt Ion: 142 Resp: 848

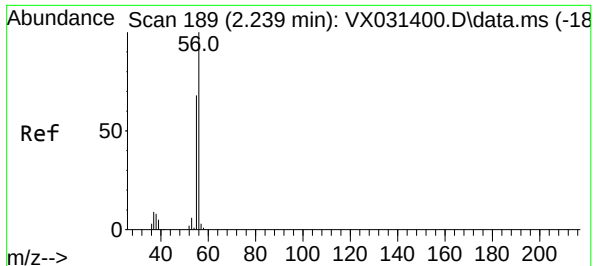
Ion Ratio Lower Upper

142 100

127 33.9 22.3 66.9

141 12.5 7.0 20.9





#13

Acrolein

Concen: 0.205 ug/l

RT: 2.044 min Scan# 11

Delta R.T. -0.195 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

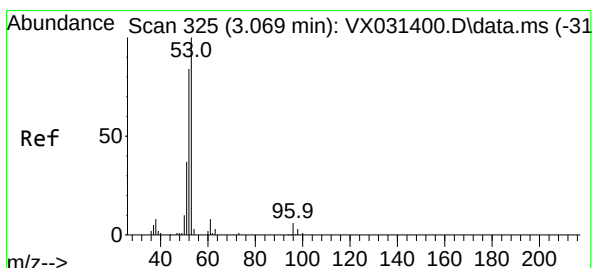
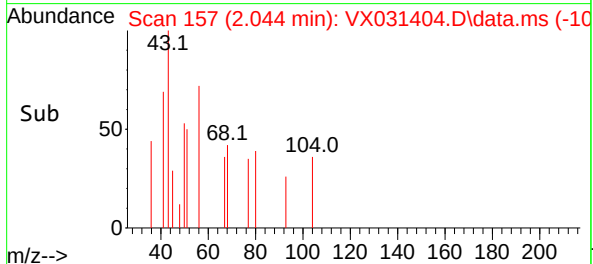
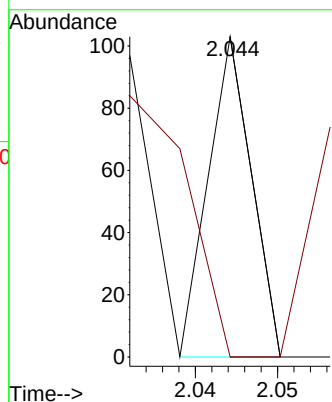
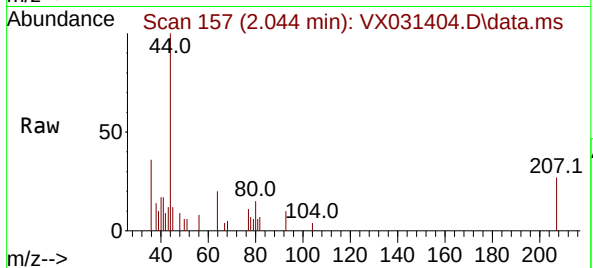
IBLK

Tgt Ion: 56 Resp: 38

Ion Ratio Lower Upper

56 100

55 71.1 56.4 84.6



#14

Acrylonitrile

Concen: 1.194 ug/l

RT: 3.081 min Scan# 327

Delta R.T. 0.012 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

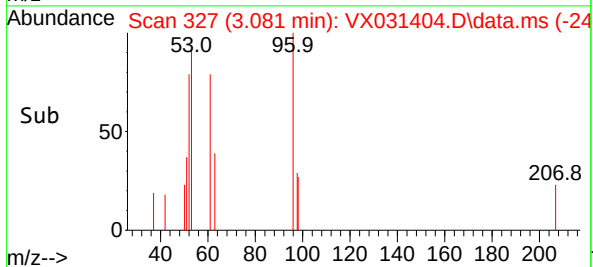
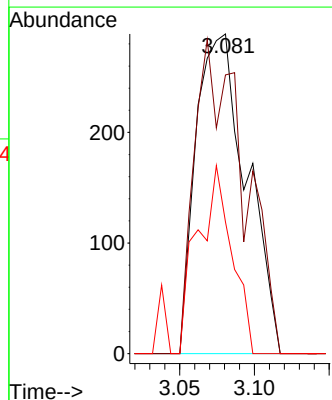
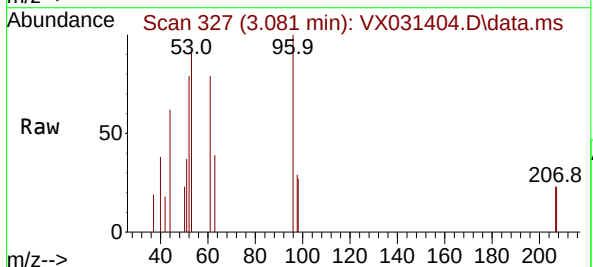
Tgt Ion: 53 Resp: 680

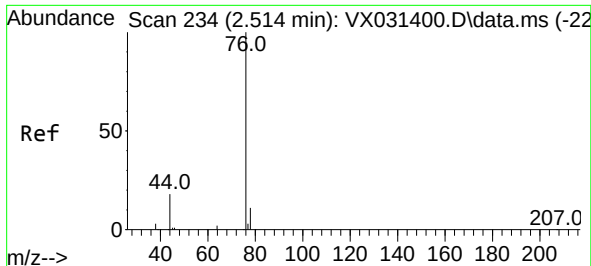
Ion Ratio Lower Upper

53 100

52 32.6 41.5 124.5#

51 22.9 18.1 54.4

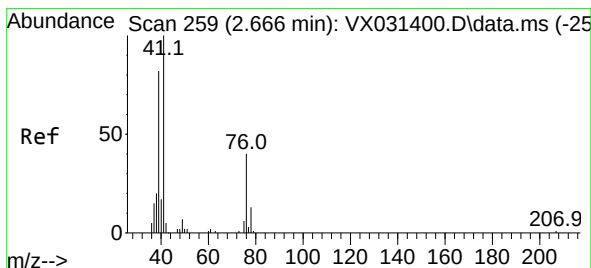
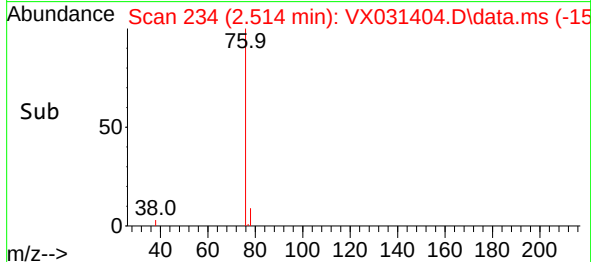
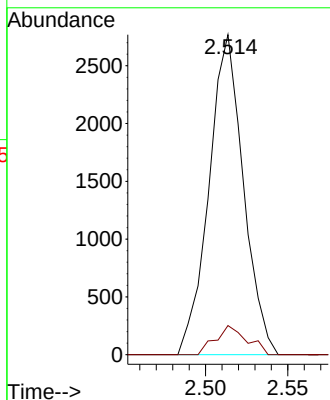
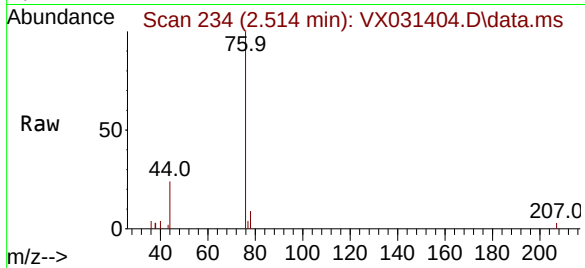




#16
Carbon Disulfide
Concen: 1.722 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

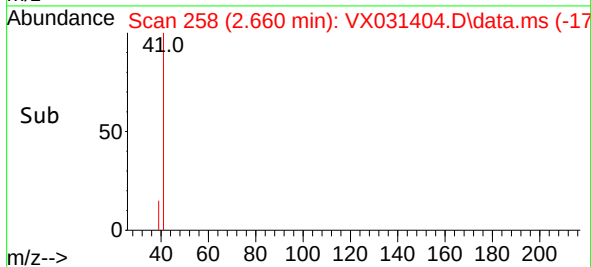
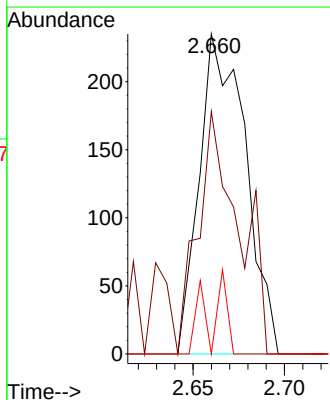
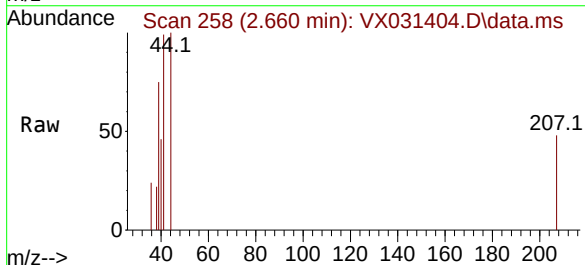
Instrument :
MSVOA_X
ClientSampleId :
IBLK

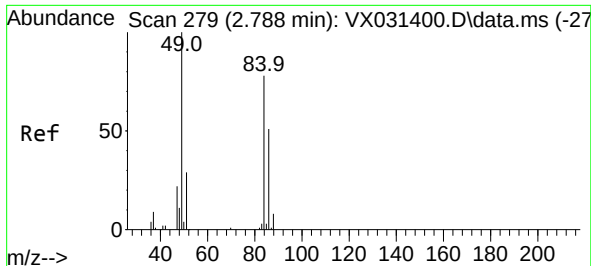
Tgt Ion: 76 Resp: 4034
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#17
Allyl chloride
Concen: 0.281 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion: 41 Resp: 413
Ion Ratio Lower Upper
41 100
39 75.7 35.4 106.1
76 0.0 18.4 55.4#

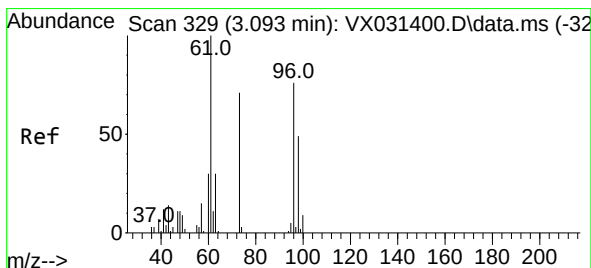
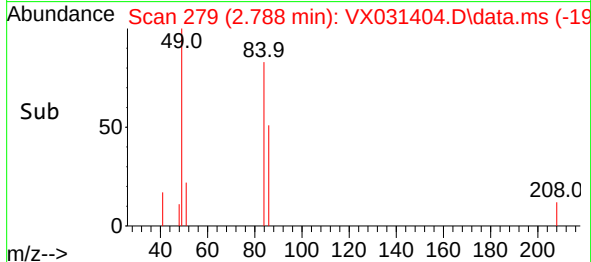
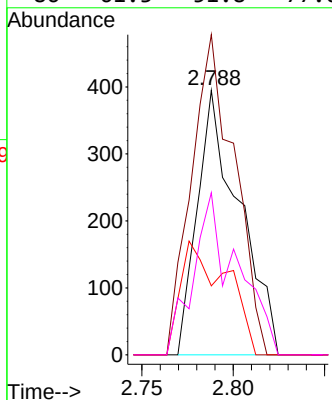
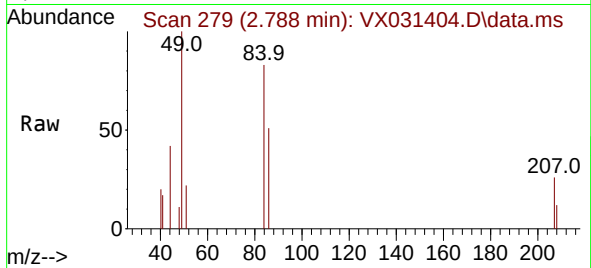




#18
Methylene Chloride
Concen: 0.598 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

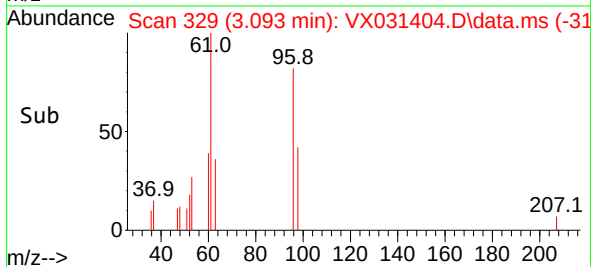
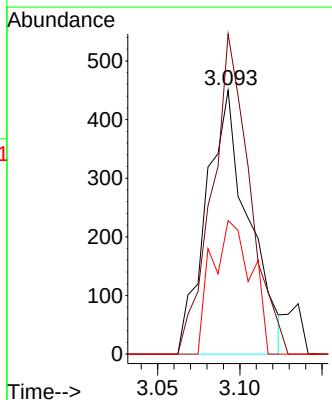
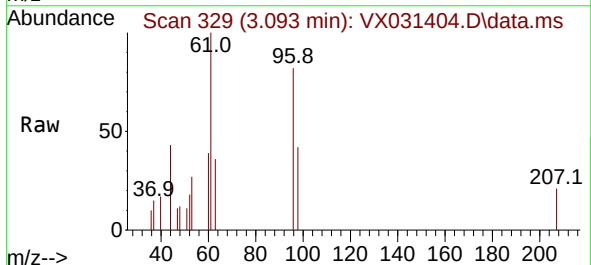
Instrument :
MSVOA_X
ClientSampleId :
IBLK

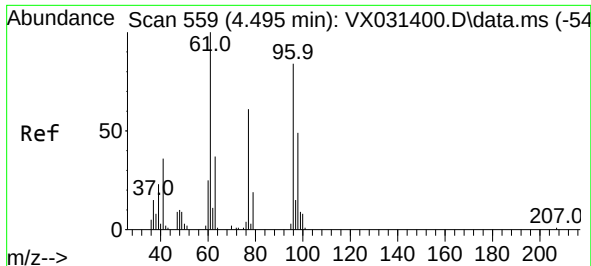
Tgt Ion:	84	Resp:	628
Ion	Ratio	Lower	Upper
84	100		
49	121.0	94.2	141.2
51	26.1	29.2	43.8#
86	61.3	51.8	77.6



#19
trans-1,2-Dichloroethene
Concen: 0.754 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion:	96	Resp:	805
Ion	Ratio	Lower	Upper
96	100		
61	121.3	108.7	163.1
98	50.7	49.2	73.8





#22

cis-1,2-Dichloroethene

Concen: 0.280 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX031404.D

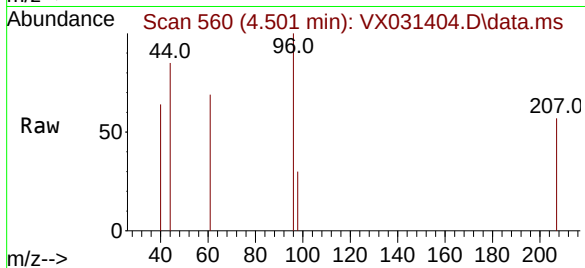
Acq: 16 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

IBLK



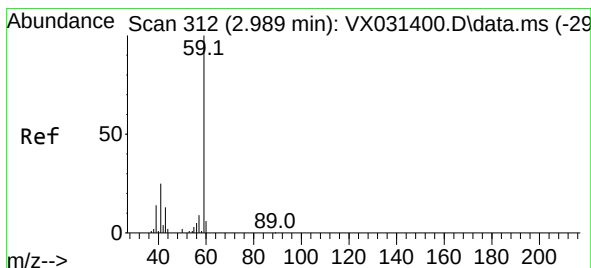
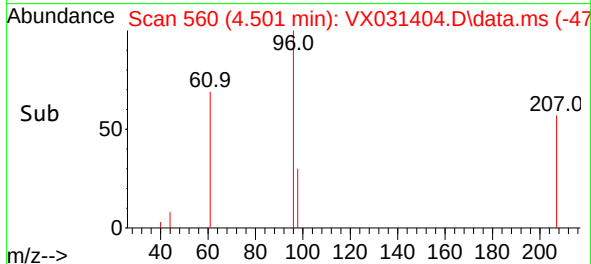
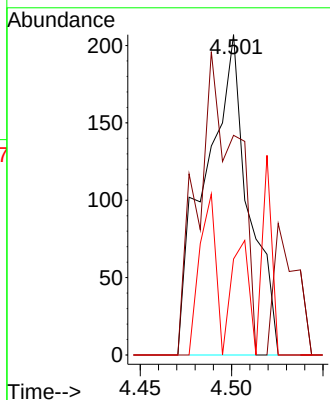
Tgt Ion: 96 Resp: 341

Ion Ratio Lower Upper

96 100

61 29.9 107.4 161.2#

98 14.7 51.1 76.7#



#23

tert-Butyl Alcohol

Concen: 12.807 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.031 min

Lab File: VX031404.D

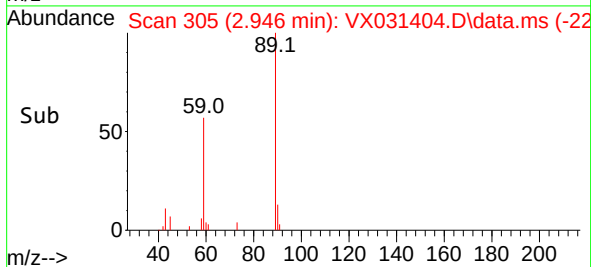
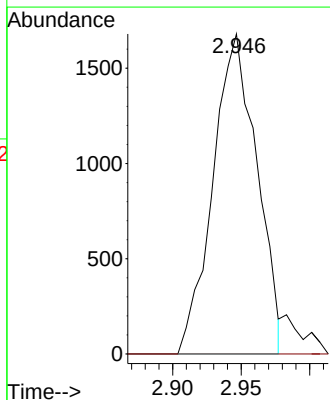
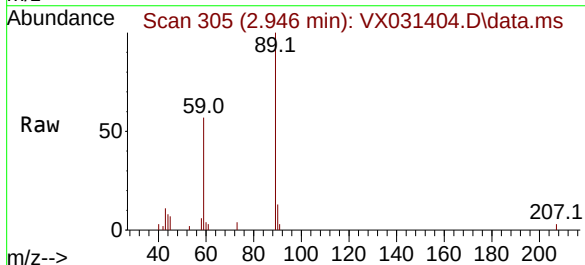
Acq: 16 Sep 2022 12:13

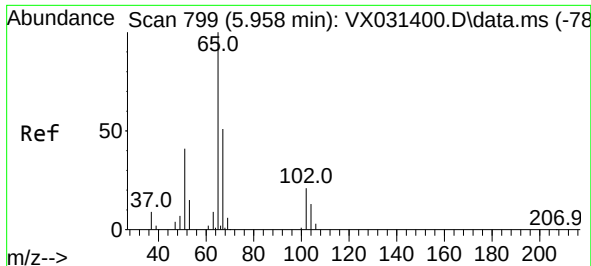
Tgt Ion: 59 Resp: 3756

Ion Ratio Lower Upper

59 100

52 8.1 0.0 0.0#

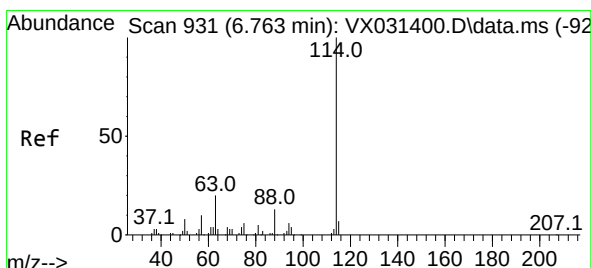
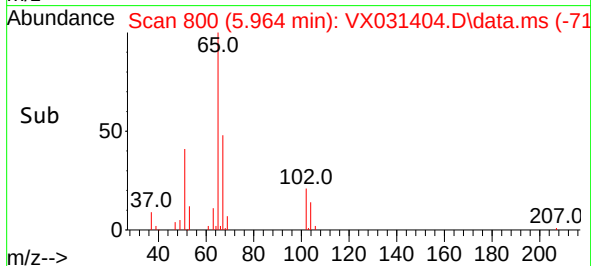
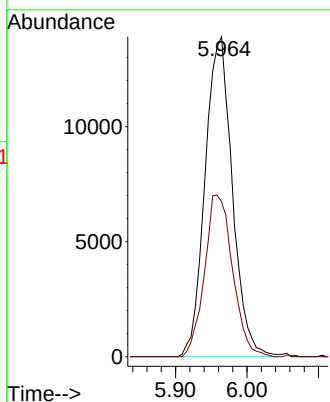
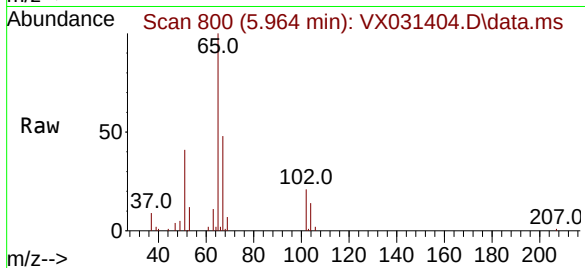




#27
 1,2-Dichloroethane-d4
 Concen: 30.265 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX031404.D
 Acq: 16 Sep 2022 12:13

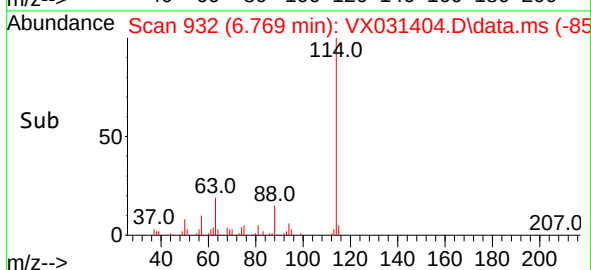
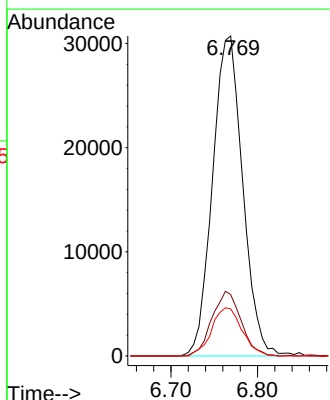
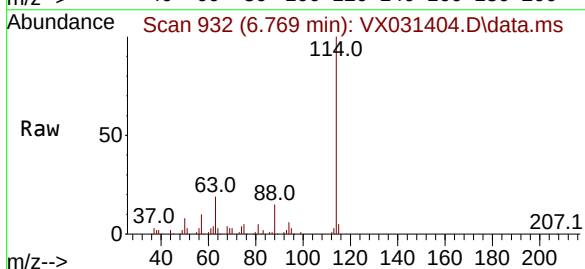
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

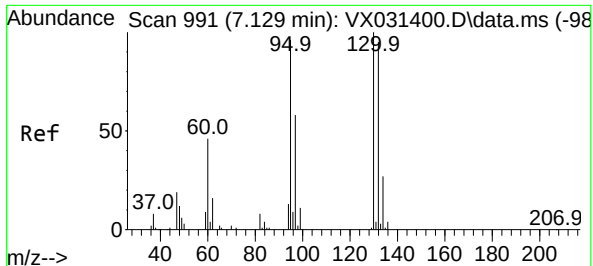
Tgt Ion: 65 Resp: 36820
 Ion Ratio Lower Upper
 65 100
 67 52.1 42.3 63.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX031404.D
 Acq: 16 Sep 2022 12:13

Tgt Ion: 114 Resp: 74185
 Ion Ratio Lower Upper
 114 100
 63 19.5 15.3 22.9
 88 15.2 12.2 18.4





#37

Trichloroethene

Concen: 0.366 ug/l

RT: 7.135 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

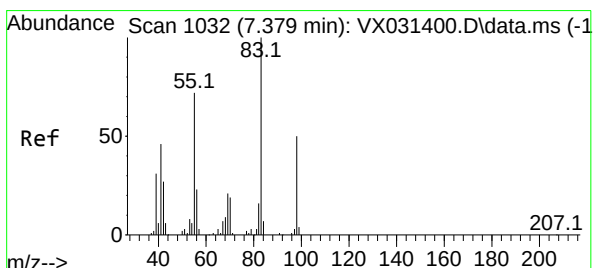
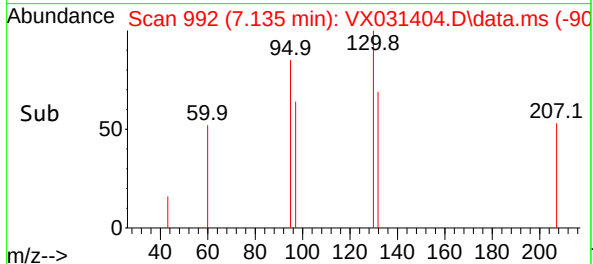
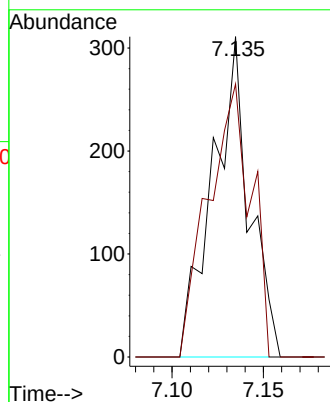
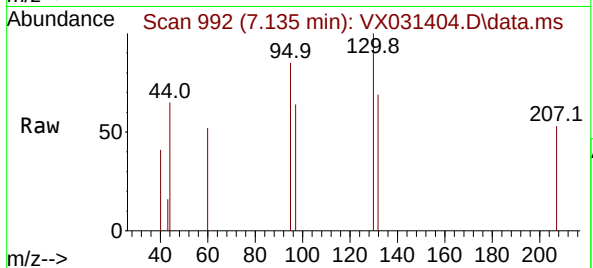
IBLK

Tgt Ion:130 Resp: 435

Ion Ratio Lower Upper

130 100

95 85.2 76.5 114.7



#38

Methylcyclohexane

Concen: 0.237 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

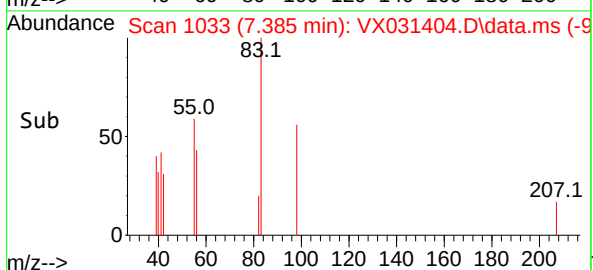
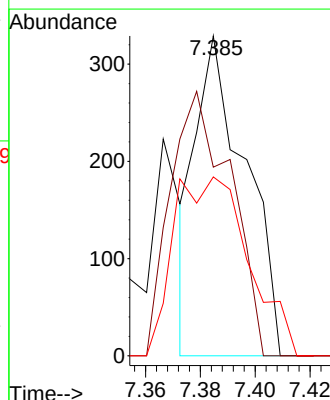
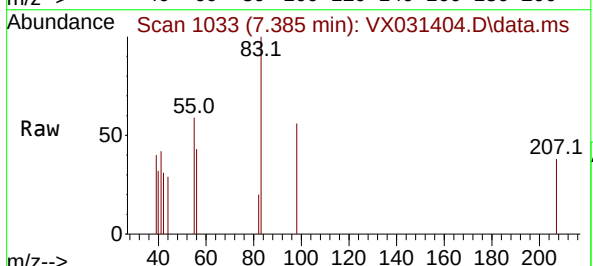
Tgt Ion: 83 Resp: 414

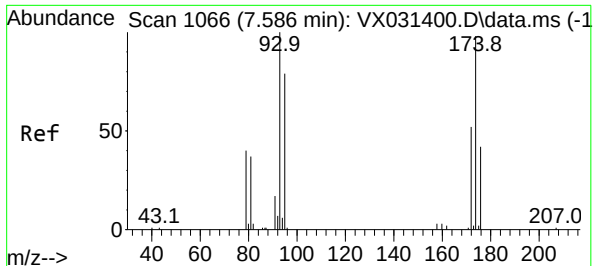
Ion Ratio Lower Upper

83 100

55 100.2 37.0 110.9

98 0.0 25.9 77.8#

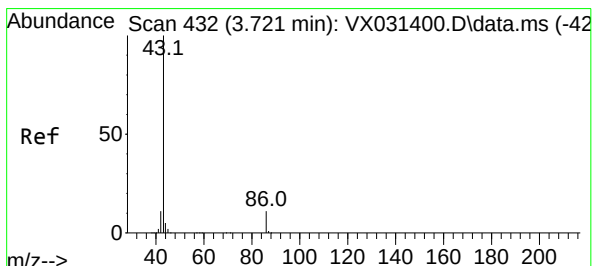
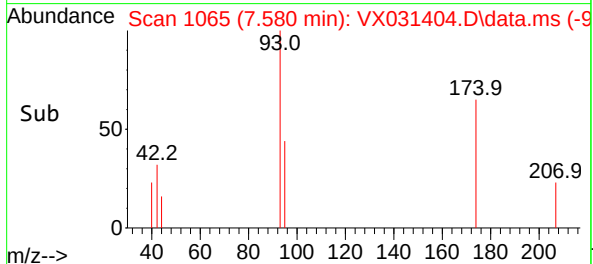
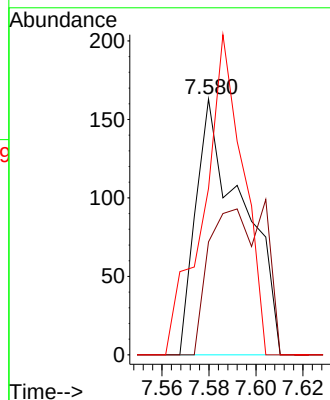
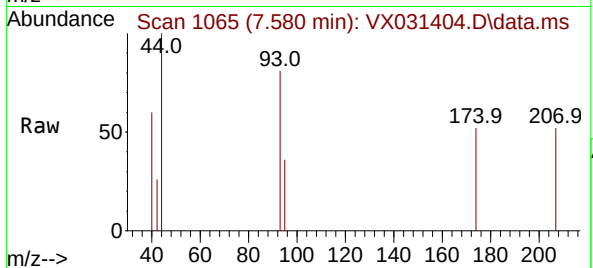




#40
Dibromomethane
Concen: 0.277 ug/l
RT: 7.580 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

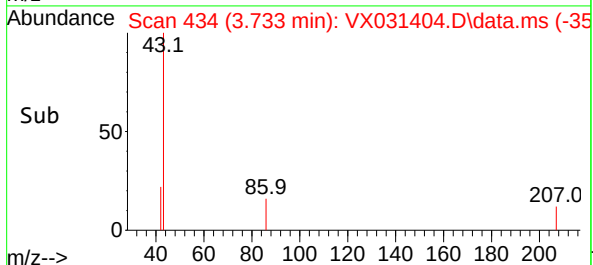
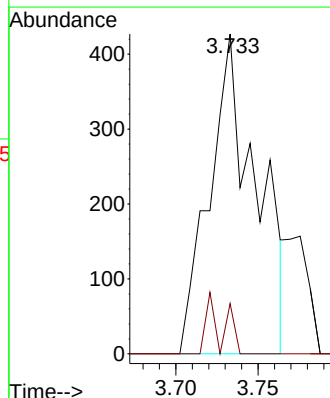
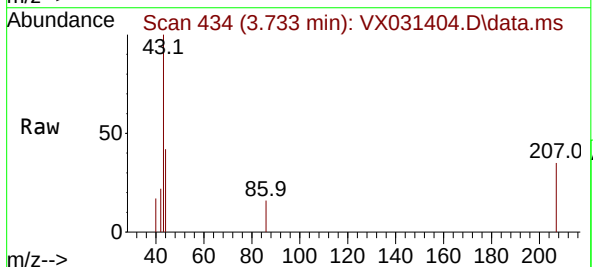
Instrument :
MSVOA_X
ClientSampleId :
IBLK

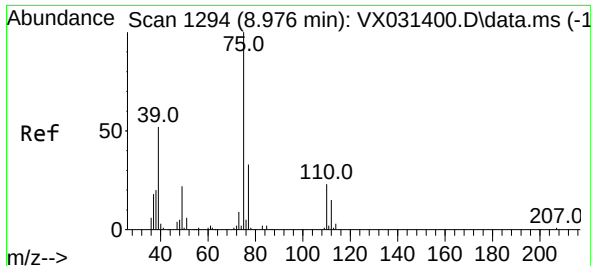
Tgt Ion: 93 Resp: 226
Ion Ratio Lower Upper
93 100
95 52.7 0.0 168.8
174 105.3 0.0 220.8



#42
Vinyl Acetate
Concen: 0.279 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.006 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
86 3.0 8.5 12.7#





#48

t-1,3-Dichloropropene

Concen: 0.212 ug/l

RT: 8.982 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

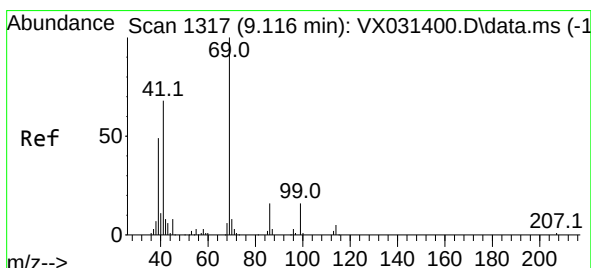
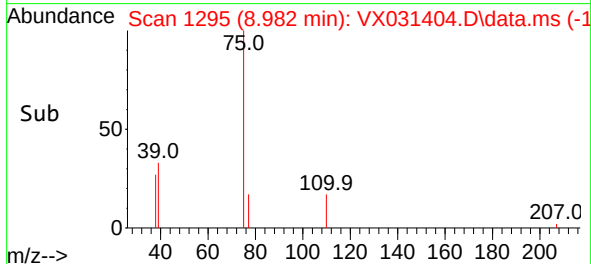
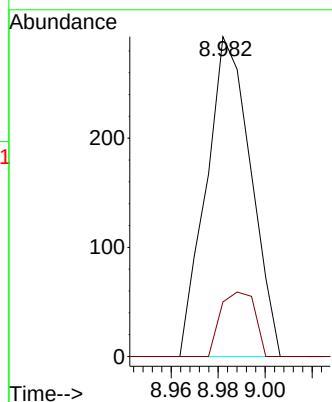
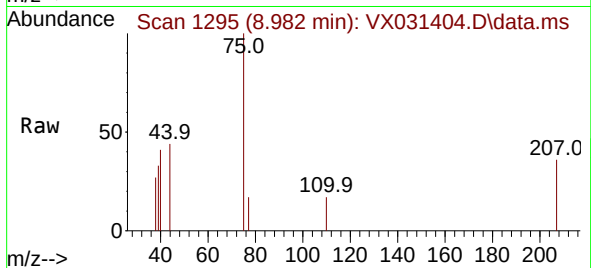
IBLK

Tgt Ion: 75 Resp: 386

Ion Ratio Lower Upper

75 100

77 17.1 26.6 40.0#



#51

Ethyl methacrylate

Concen: 0.202 ug/l

RT: 8.659 min Scan# 1242

Delta R.T. -0.457 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

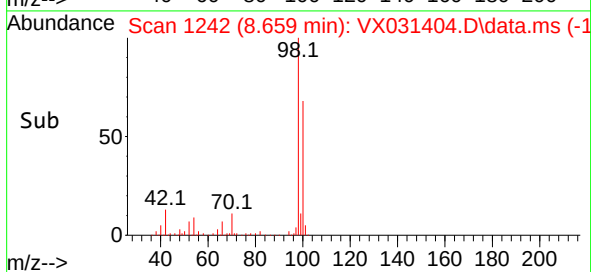
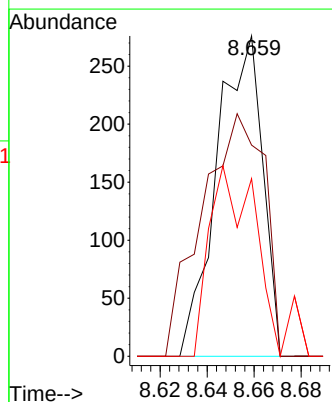
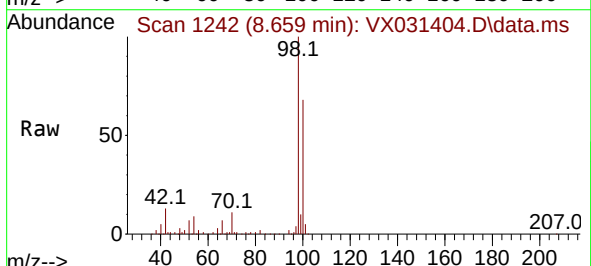
Tgt Ion: 69 Resp: 373

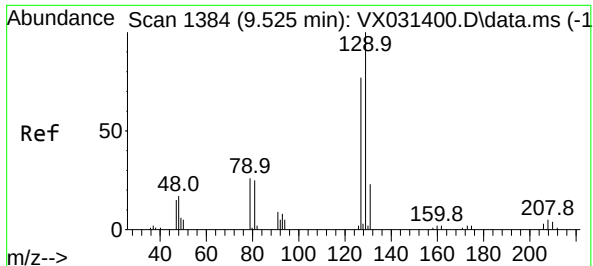
Ion Ratio Lower Upper

69 100

41 65.9 32.1 96.5

39 55.4 18.3 54.9#





#53

Dibromochloromethane

Concen: 0.322 ug/l

RT: 9.275 min Scan# 1134

Delta R.T. -0.250 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

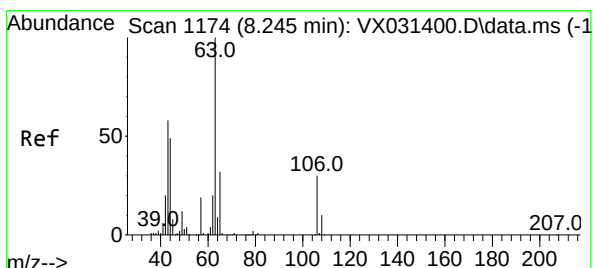
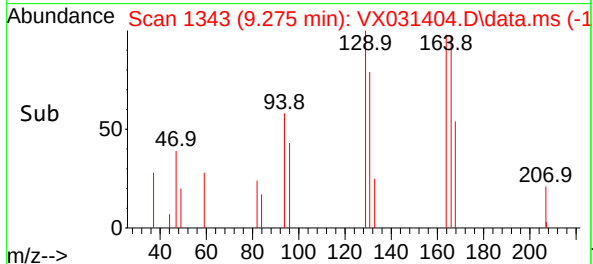
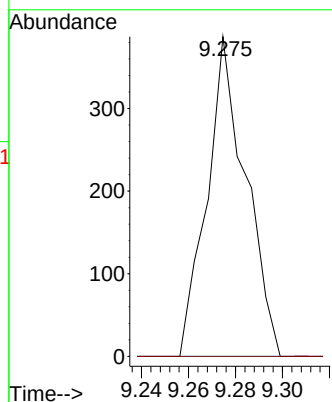
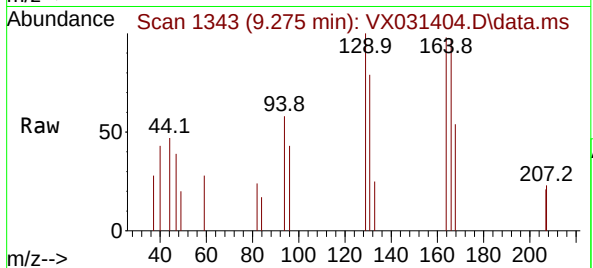
IBLK

Tgt Ion:129 Resp: 443

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.1#



#55

2-Chloroethyl vinyl ether

Concen: 0.469 ug/l

RT: 8.257 min Scan# 1176

Delta R.T. 0.012 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

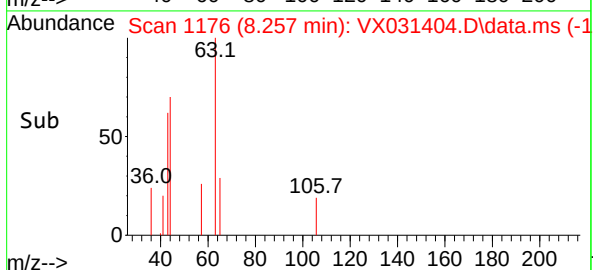
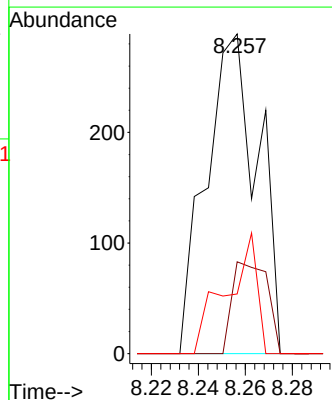
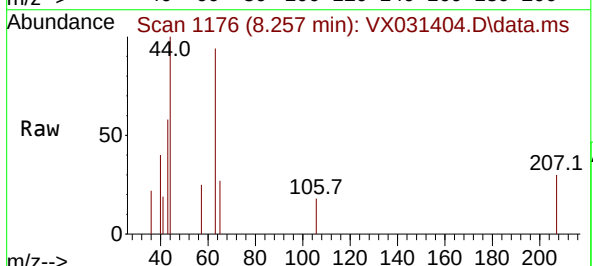
Tgt Ion: 63 Resp: 444

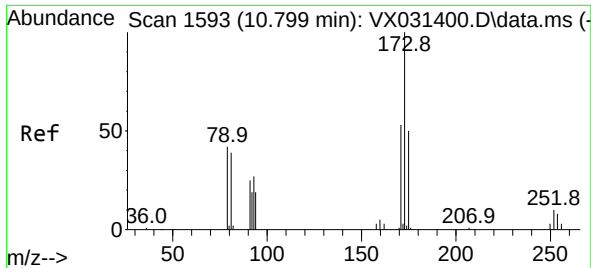
Ion Ratio Lower Upper

63 100

65 19.4 25.9 38.9#

106 13.5 25.8 38.6#

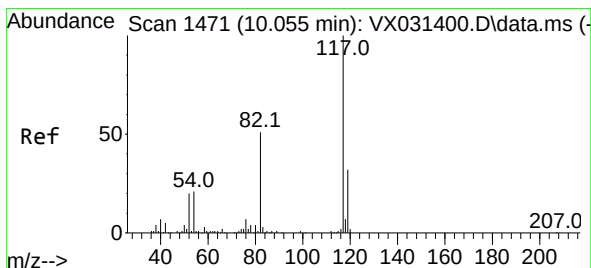
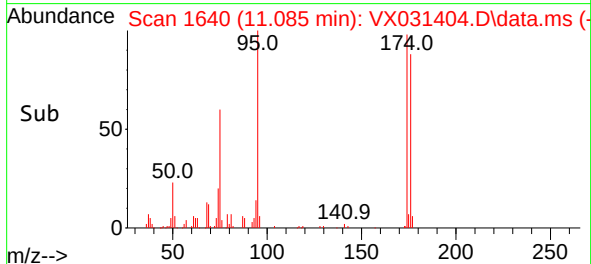
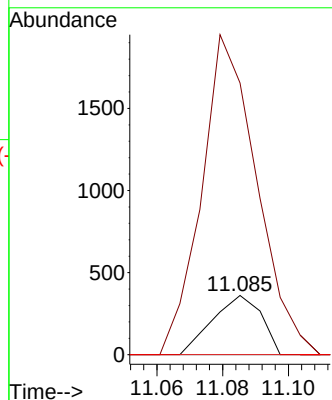
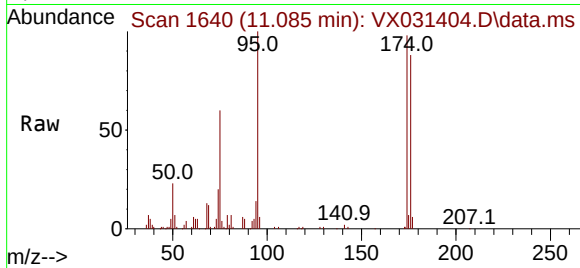




#56
Bromoform
Concen: 0.362 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.286 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

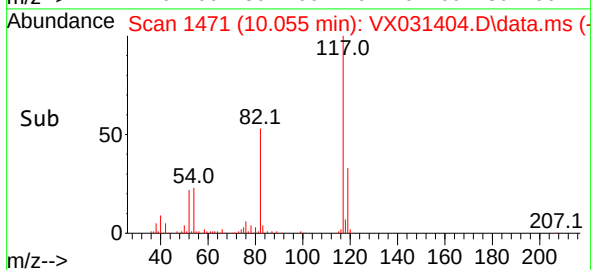
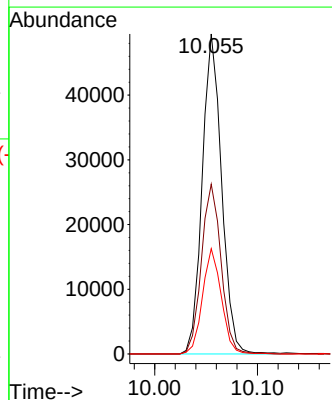
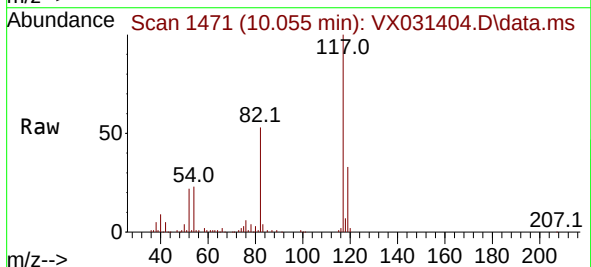
Instrument :
MSVOA_X
ClientSampleId :
IBLK

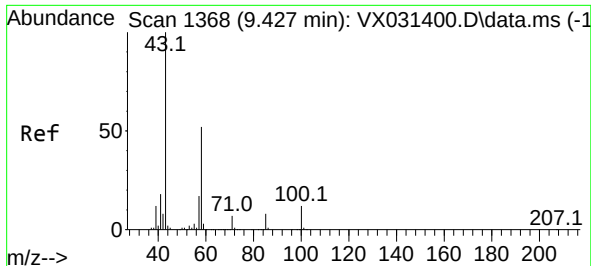
Tgt Ion:173 Resp: 373
Ion Ratio Lower Upper
173 100
175 609.9 40.3 60.5#
254 0.0 7.4 11.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion:117 Resp: 65094
Ion Ratio Lower Upper
117 100
82 53.7 42.3 63.5
119 31.8 26.2 39.2





#59

2-Hexanone

Concen: 0.368 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.012 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

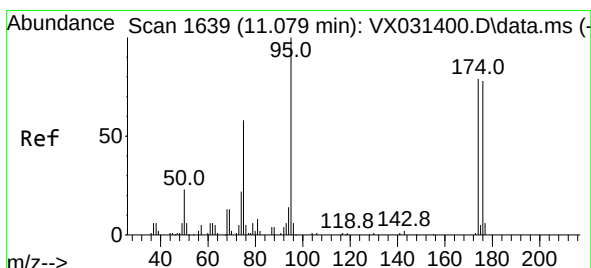
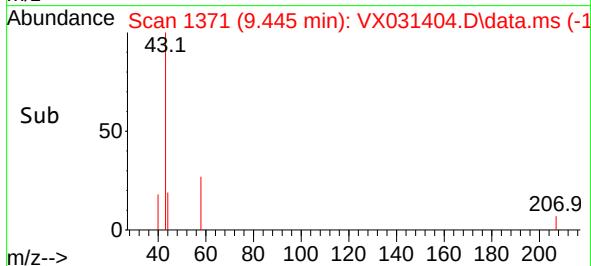
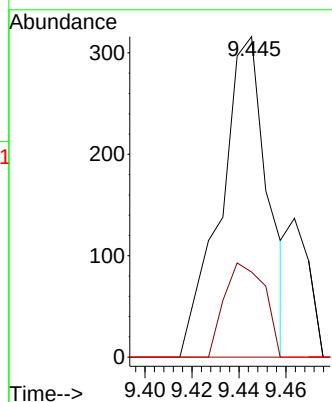
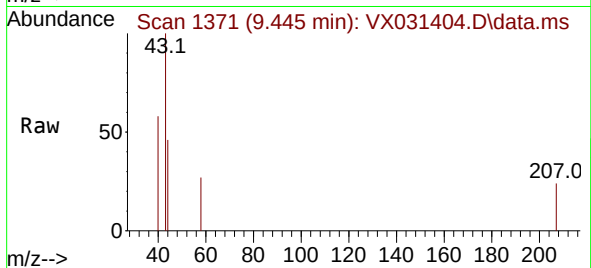
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 43	Resp: 440
Ion Ratio	Lower Upper
43	100
58	25.2 44.1 66.1#
57	0.0 16.2 24.2#



#60

4-Bromofluorobenzene

Concen: 25.634 ug/l

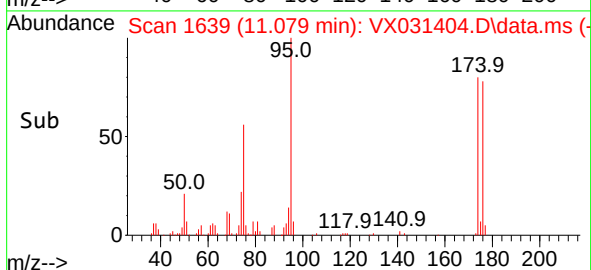
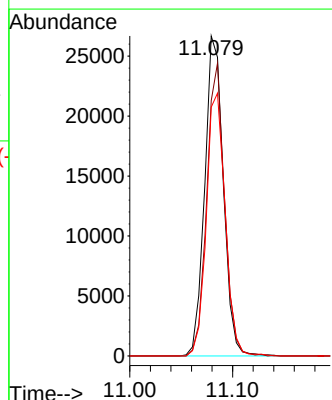
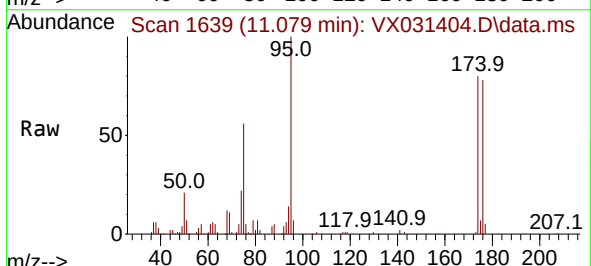
RT: 11.079 min Scan# 1639

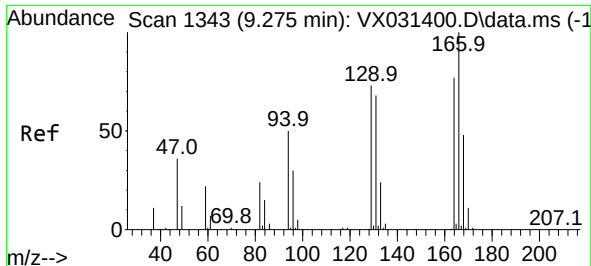
Delta R.T. -0.000 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

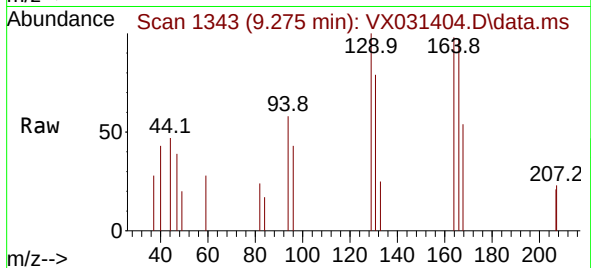
Tgt Ion: 95	Resp: 33639
Ion Ratio	Lower Upper
95	100
174	87.6 65.4 98.2
176	82.8 63.4 95.0



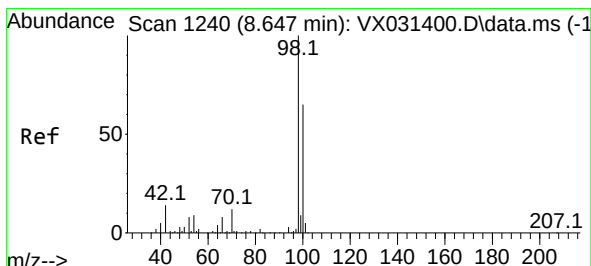
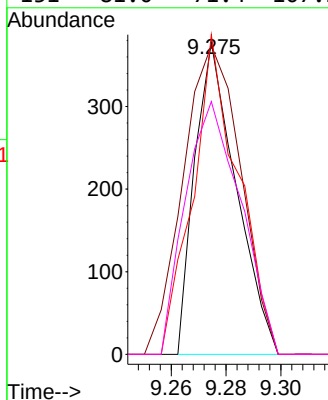
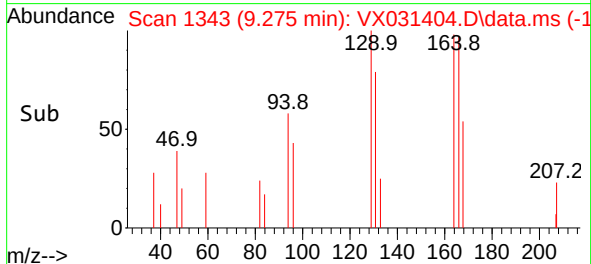


#61
Tetrachloroethene
Concen: 0.374 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

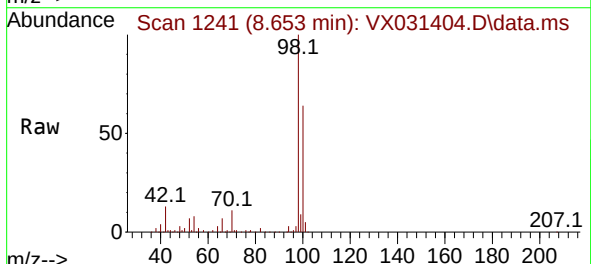
Instrument :
MSVOA_X
ClientSampleId :
IBLK



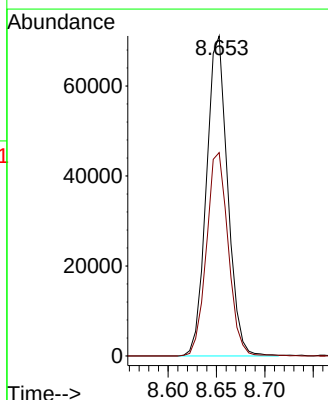
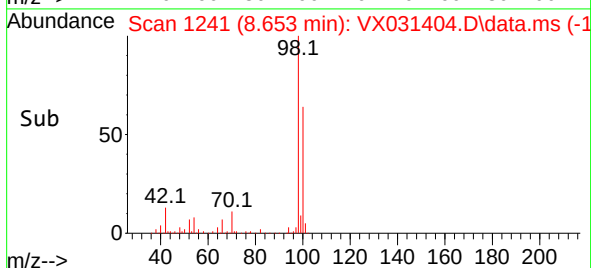
Tgt Ion:164 Resp: 395
Ion Ratio Lower Upper
164 100
166 98.9 105.0 157.6#
129 102.4 78.5 117.7
131 81.0 71.4 107.2

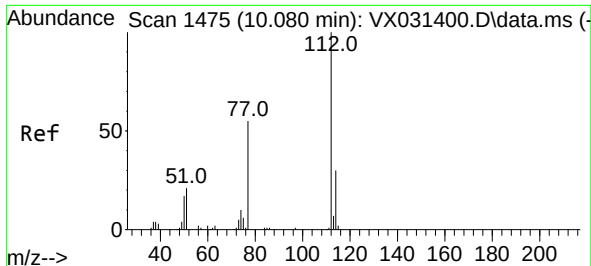


#63
Toluene-d8
Concen: 30.471 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13



Tgt Ion: 98 Resp: 108578
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2





#64

Chlorobenzene

Concen: 0.308 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

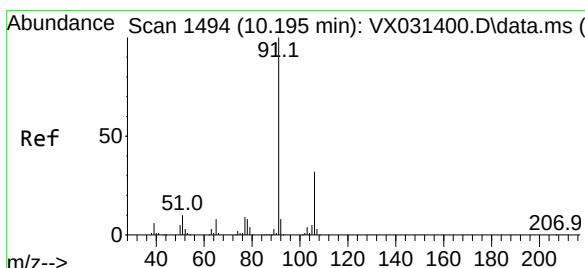
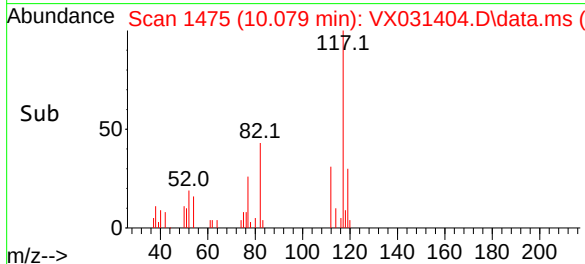
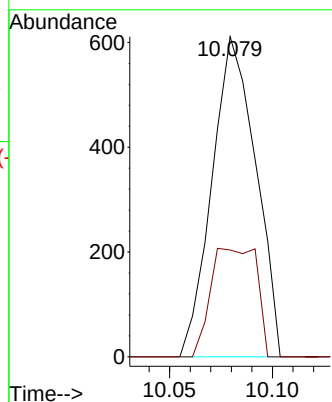
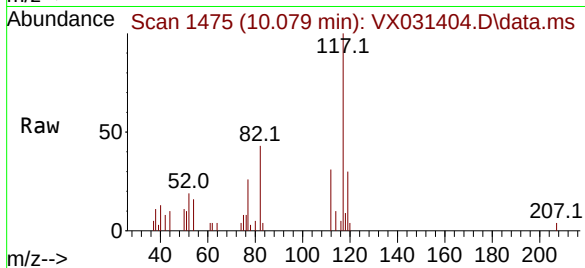
IBLK

Tgt Ion:112 Resp: 902

Ion Ratio Lower Upper

112 100

114 33.4 26.0 39.0



#66

Ethyl Benzene

Concen: 0.235 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX031404.D

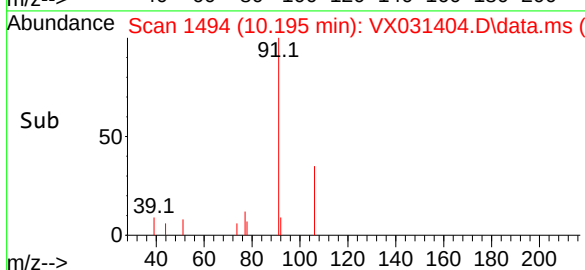
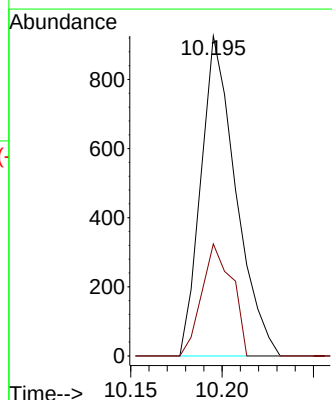
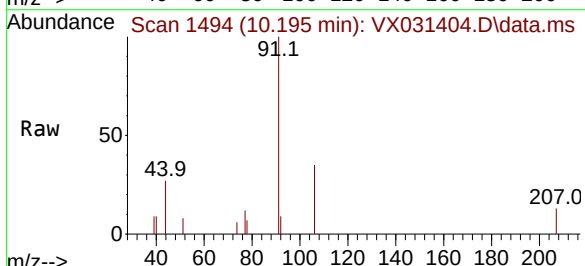
Acq: 16 Sep 2022 12:13

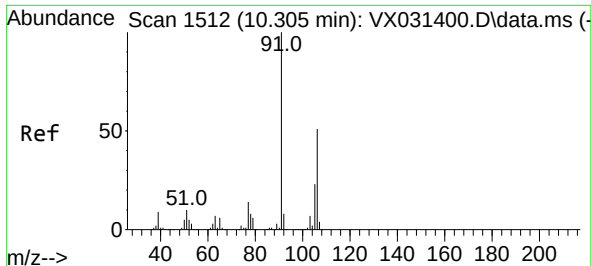
Tgt Ion: 91 Resp: 1231

Ion Ratio Lower Upper

91 100

106 35.0 25.8 38.8





#67

m/p-Xylenes

Concen: 0.502 ug/l

RT: 10.305 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

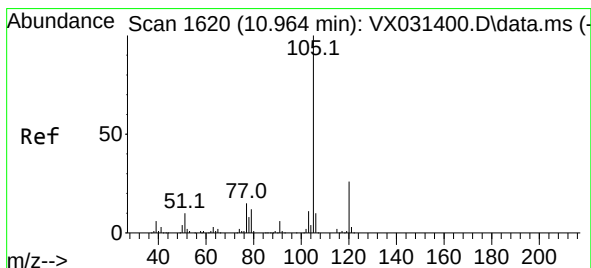
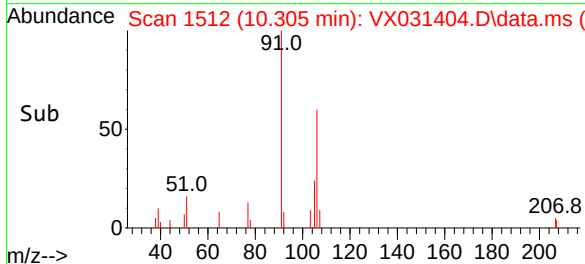
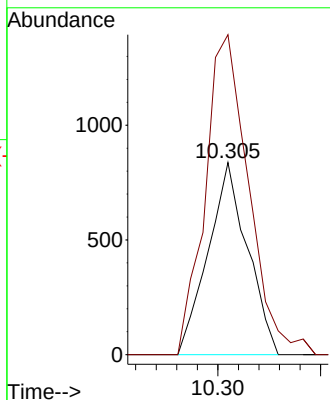
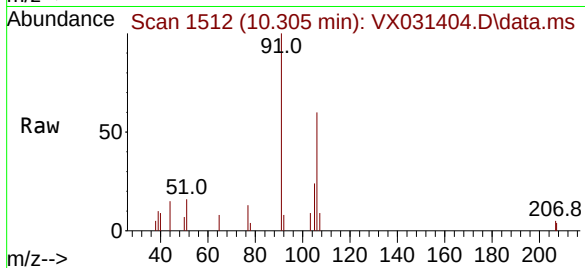
IBLK

Tgt Ion:106 Resp: 1115

Ion Ratio Lower Upper

106 100

91 184.2 159.5 239.3



#70

Isopropylbenzene

Concen: 0.223 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX031404.D

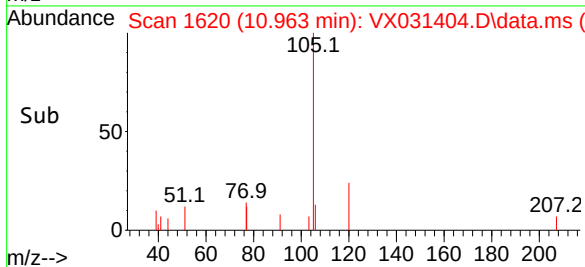
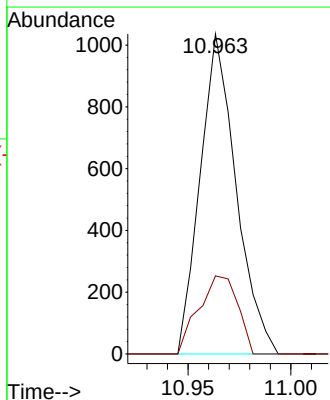
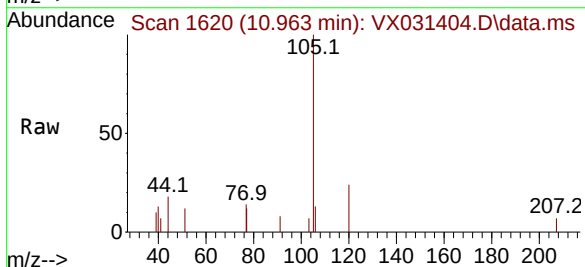
Acq: 16 Sep 2022 12:13

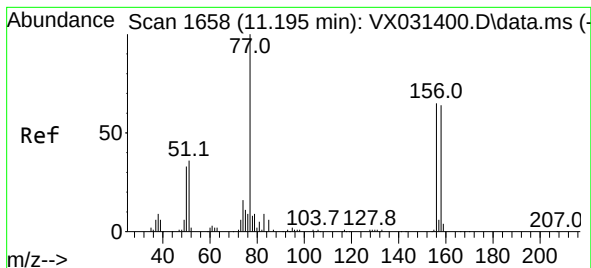
Tgt Ion:105 Resp: 1259

Ion Ratio Lower Upper

105 100

120 26.4 18.8 34.8





#73

Bromobenzene

Concen: 0.229 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX031404.D

Acq: 16 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

IBLK

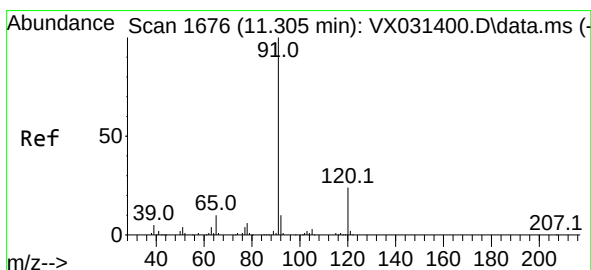
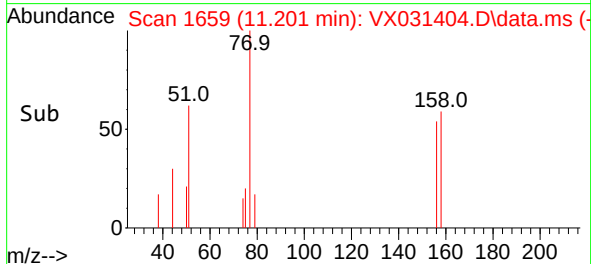
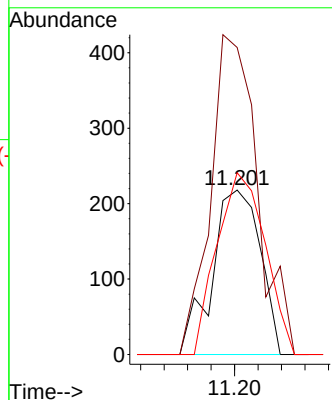
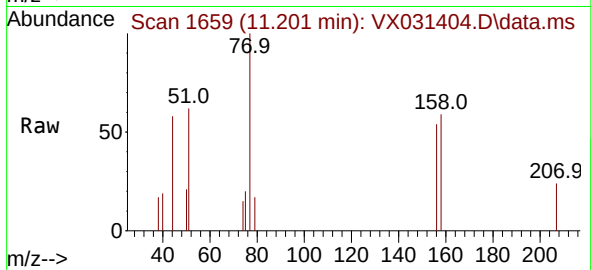
Tgt Ion:156 Resp: 311

Ion Ratio Lower Upper

156 100

77 188.1 0.0 297.6

158 110.6 0.0 188.4



#74

n-propylbenzene

Concen: 0.277 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031404.D

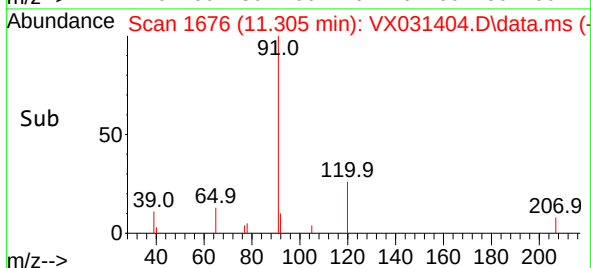
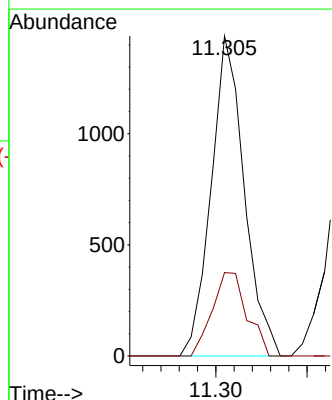
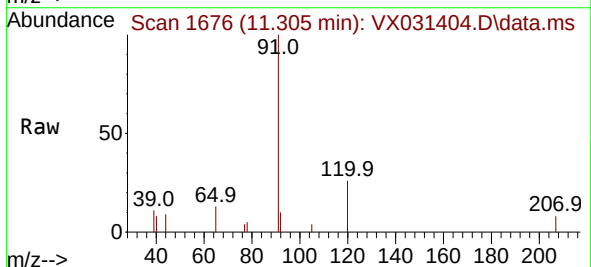
Acq: 16 Sep 2022 12:13

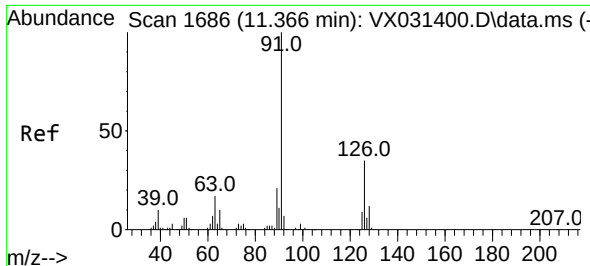
Tgt Ion: 91 Resp: 1816

Ion Ratio Lower Upper

91 100

120 27.3 0.0 48.0

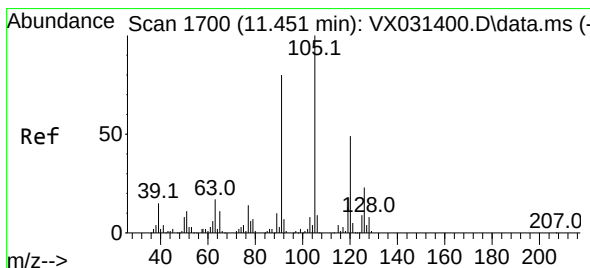
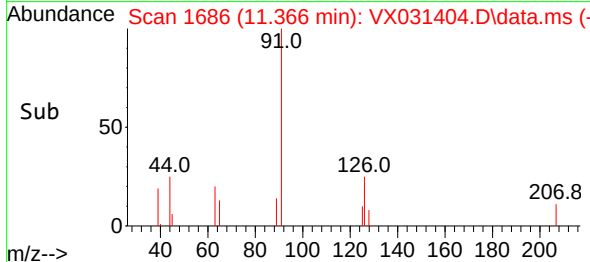
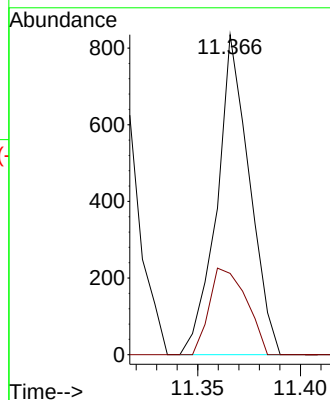
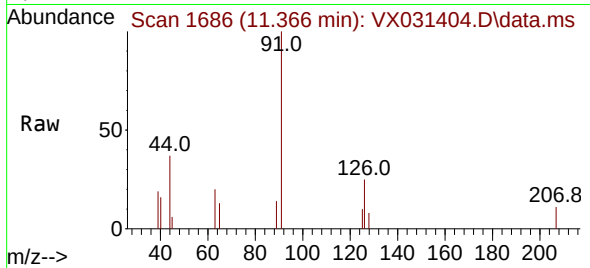




#75
2-Chlorotoluene
Concen: 0.240 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

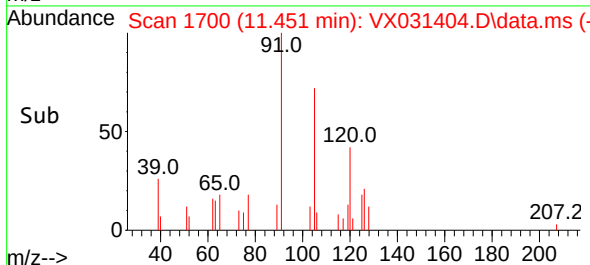
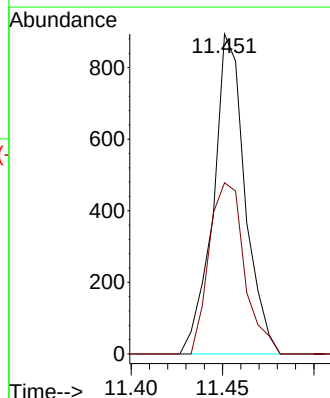
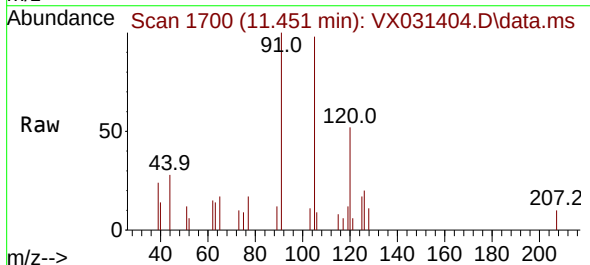
Instrument :
MSVOA_X
ClientSampleId :
IBLK

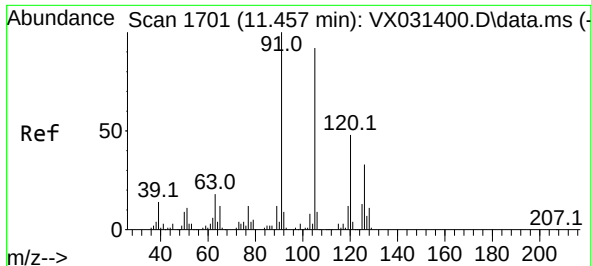
Tgt Ion: 91 Resp: 922
Ion Ratio Lower Upper
91 100
126 30.8 0.0 68.6



#76
1,3,5-Trimethylbenzene
Concen: 0.216 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion: 105 Resp: 1080
Ion Ratio Lower Upper
105 100
120 59.7 0.0 98.0

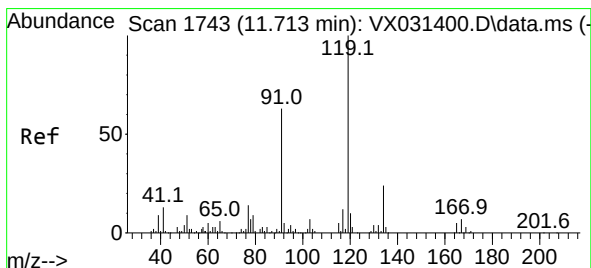
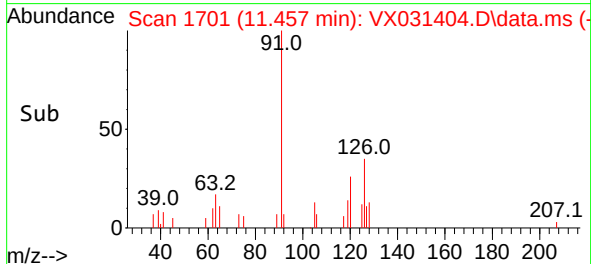
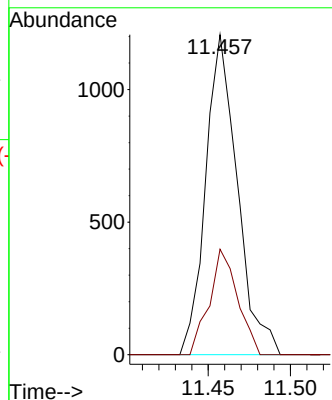
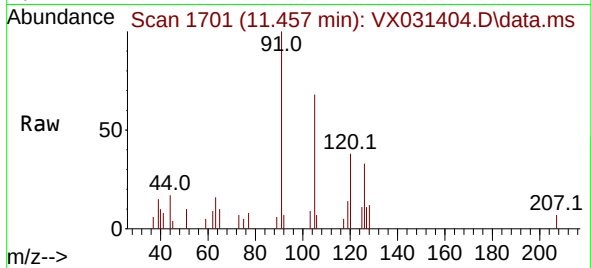




#78
4-Chlorotoluene
Concen: 0.353 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

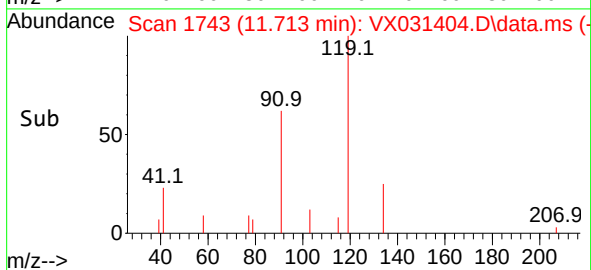
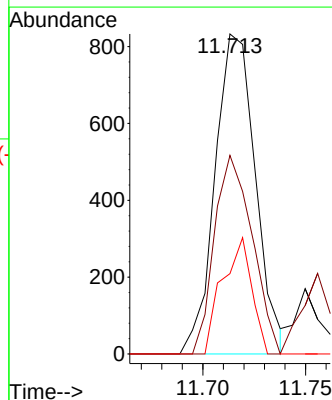
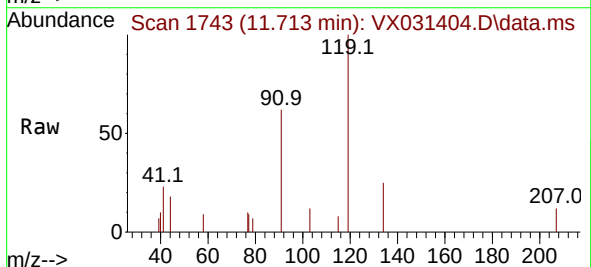
Instrument :
MSVOA_X
ClientSampleId :
IBLK

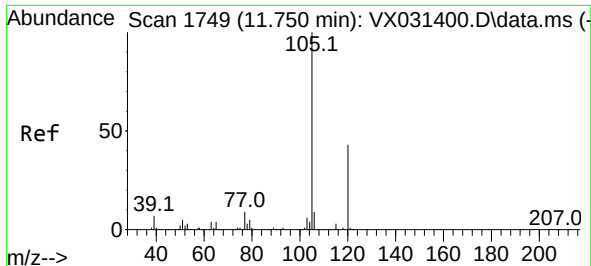
Tgt Ion: 91 Resp: 1619
Ion Ratio Lower Upper
91 100
126 29.3 0.0 59.8



#79
tert-butylbenzene
Concen: 0.241 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion: 119 Resp: 1139
Ion Ratio Lower Upper
119 100
91 57.9 0.0 119.4
134 26.4 0.0 48.4

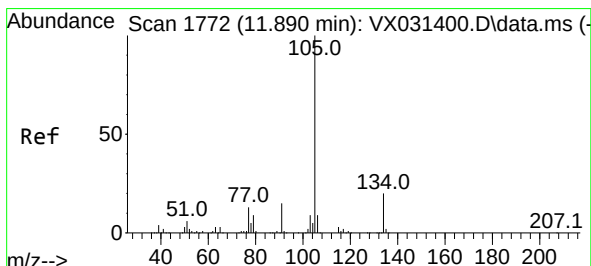
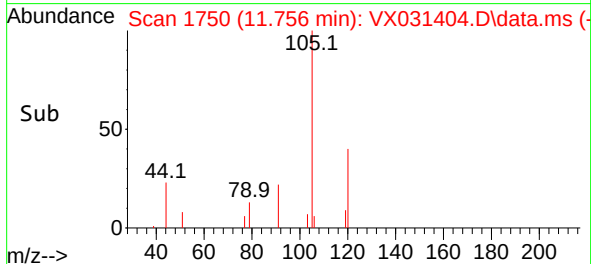
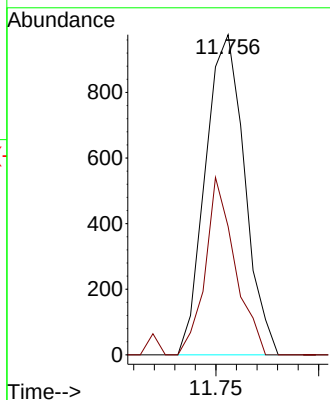
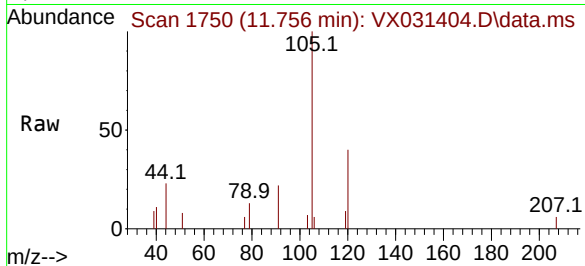




#80
1,2,4-Trimethylbenzene
Concen: 0.267 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

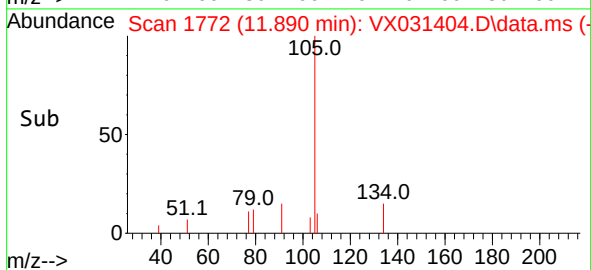
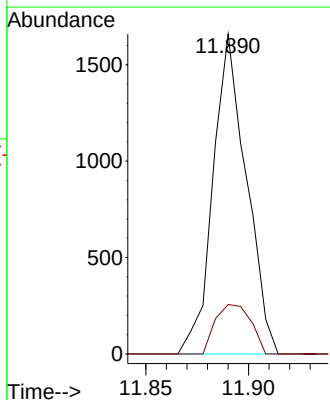
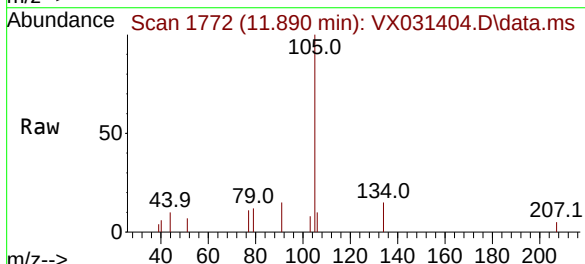
Instrument :
MSVOA_X
ClientSampleId :
IBLK

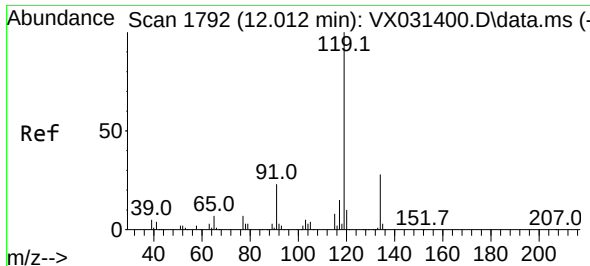
Tgt Ion:105 Resp: 1293
Ion Ratio Lower Upper
105 100
120 41.9 0.0 89.6



#81
sec-Butylbenzene
Concen: 0.312 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion:105 Resp: 1869
Ion Ratio Lower Upper
105 100
134 16.5 0.0 41.2

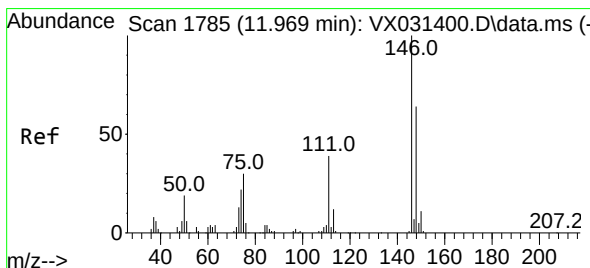
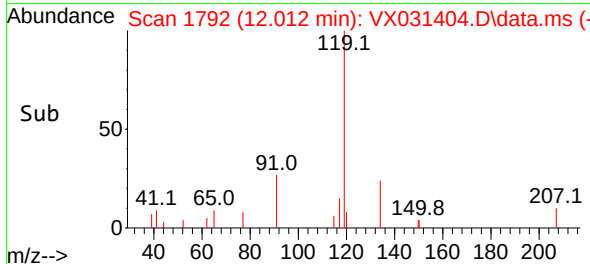
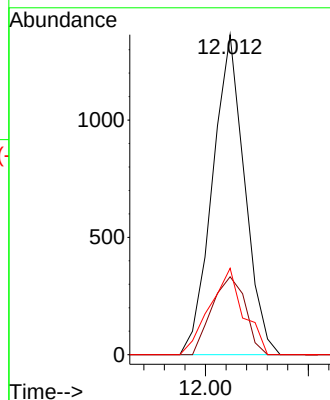
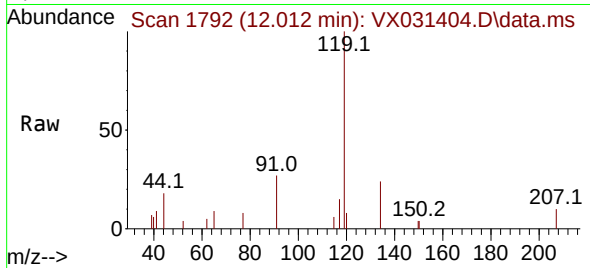




#82
p-Isopropyltoluene
Concen: 0.290 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

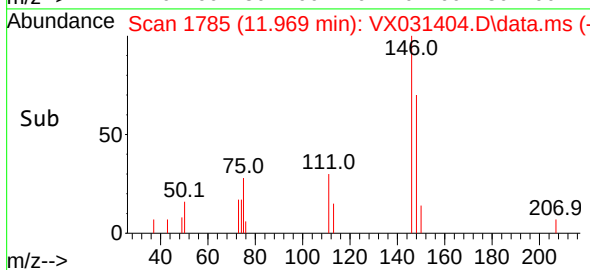
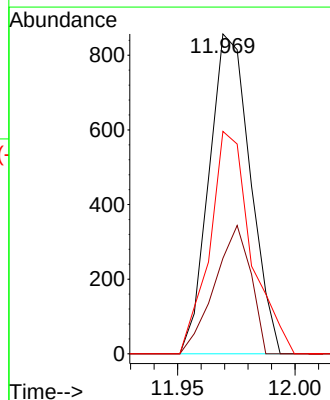
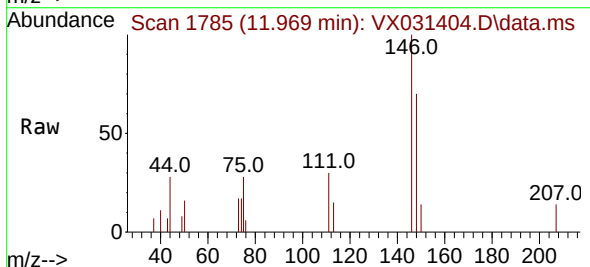
Instrument :
MSVOA_X
ClientSampleId :
IBLK

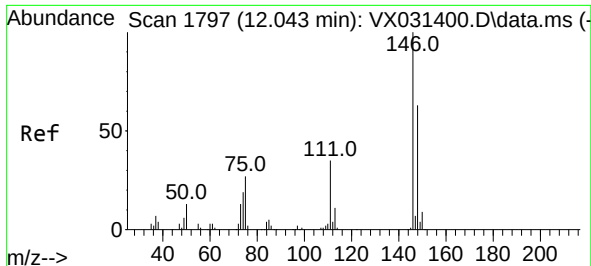
Tgt Ion:	119	Resp:	1482
Ion	Ratio	Lower	Upper
119	100		
134	25.4	0.0	52.4
91	28.5	0.0	47.2



#83
1,3-Dichlorobenzene
Concen: 0.390 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion:	146	Resp:	1048
Ion	Ratio	Lower	Upper
146	100		
111	35.0	19.8	59.4
148	69.8	31.6	94.8

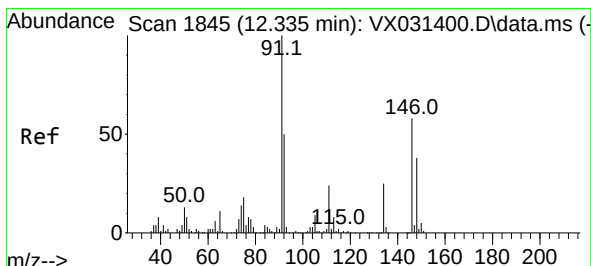
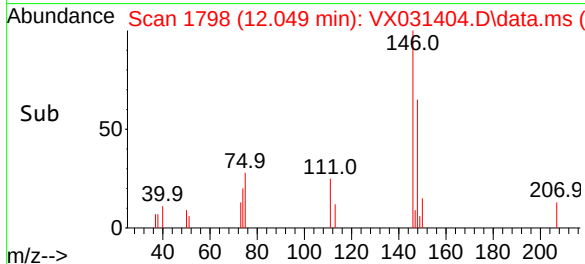
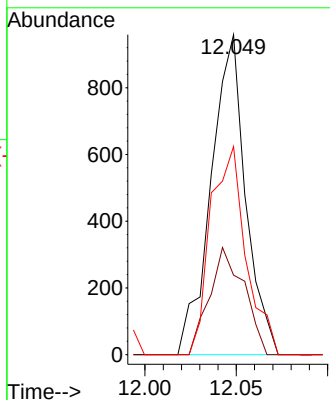
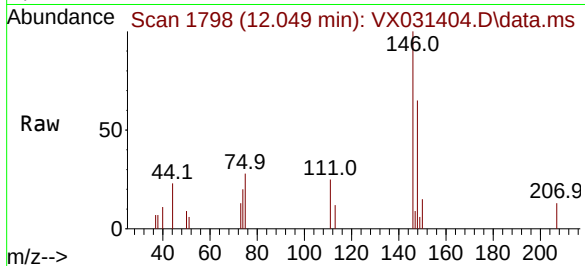




#84
1,4-Dichlorobenzene
Concen: 0.457 ug/l
RT: 12.049 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

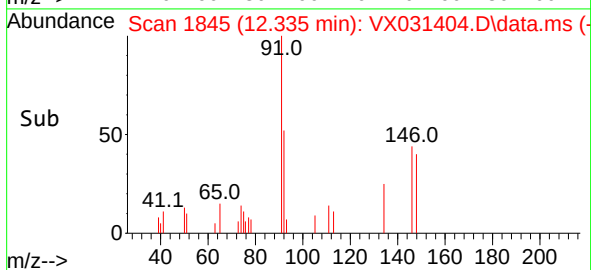
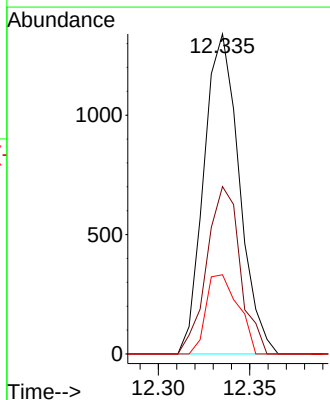
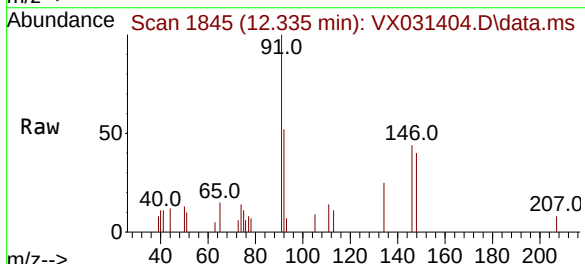
Instrument :
MSVOA_X
ClientSampleId :
IBLK

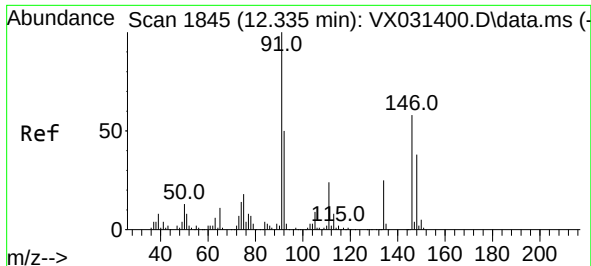
Tgt Ion:146 Resp: 1262
Ion Ratio Lower Upper
146 100
111 33.6 19.2 57.6
148 66.2 32.3 96.8



#85
n-Butylbenzene
Concen: 0.420 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion: 91 Resp: 1805
Ion Ratio Lower Upper
91 100
92 49.4 0.0 109.4
134 22.5 0.0 56.4

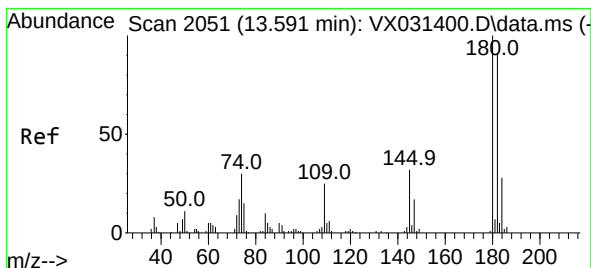
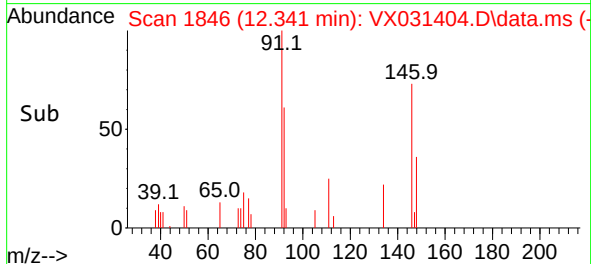
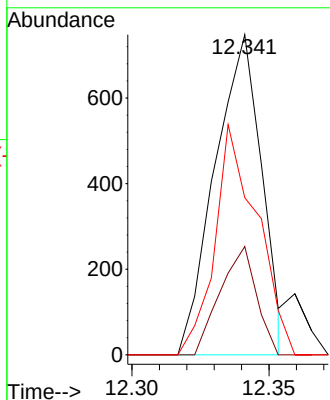
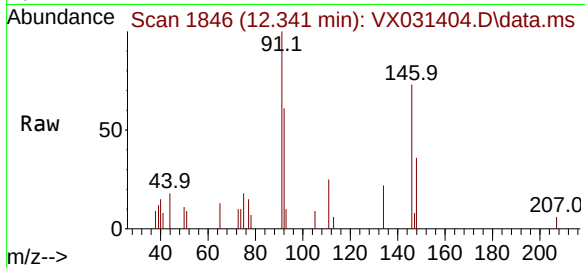




#87
1,2-Dichlorobenzene
Concen: 0.333 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

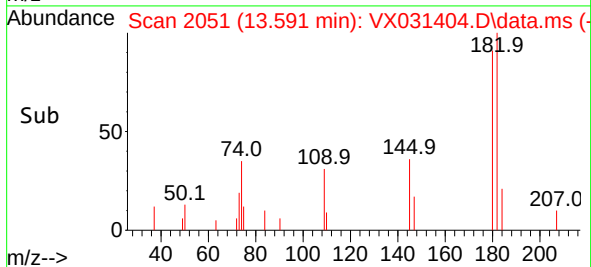
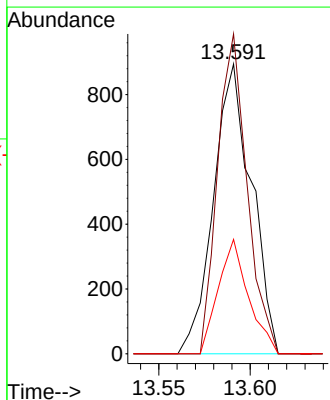
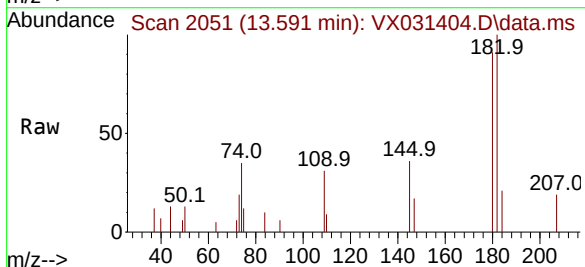
Instrument :
MSVOA_X
ClientSampleId :
IBLK

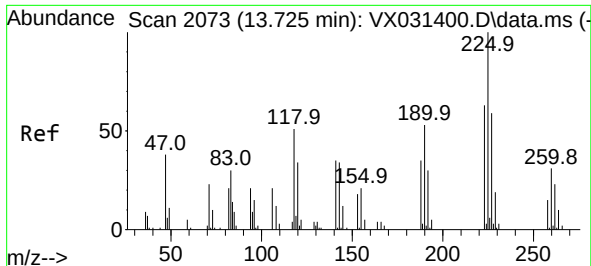
Tgt Ion:146 Resp: 890
Ion Ratio Lower Upper
146 100
111 26.2 21.1 63.3
148 64.7 31.4 94.2



#89
1,2,4-Trichlorobenzene
Concen: 0.878 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion:180 Resp: 1288
Ion Ratio Lower Upper
180 100
182 85.9 77.4 116.2
145 31.5 24.2 36.4

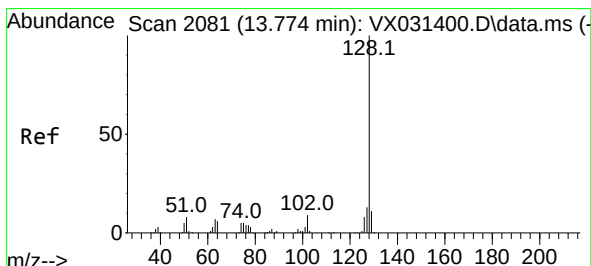
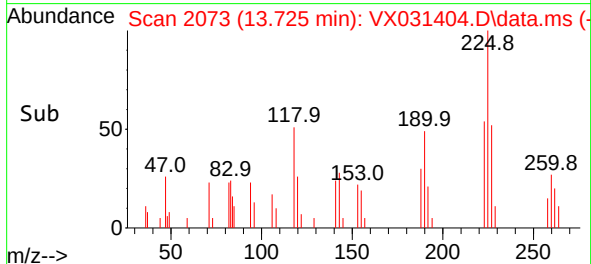
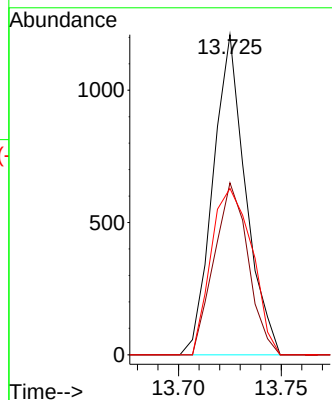
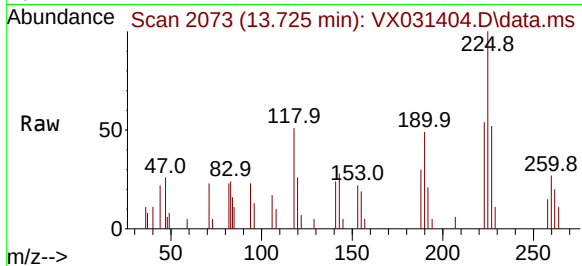




#90
Hexachlorobutadiene
Concen: 2.486 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

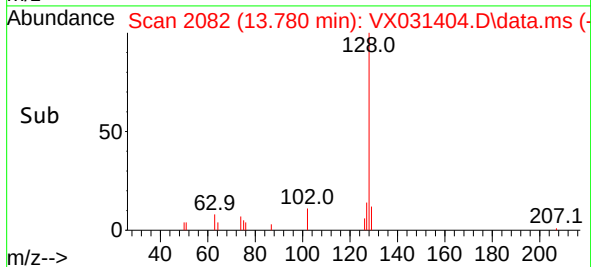
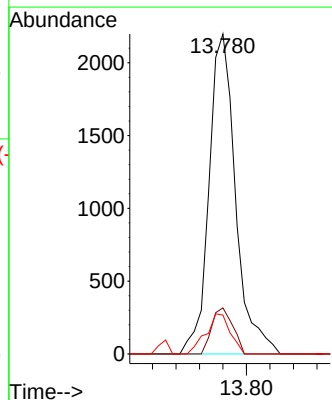
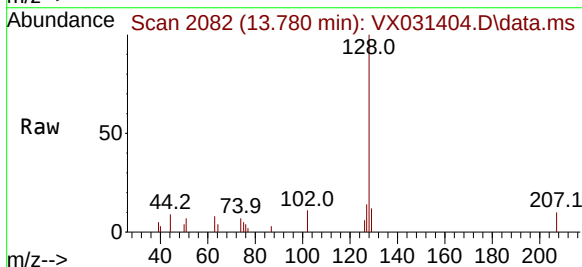
Instrument :
MSVOA_X
ClientSampleId :
IBLK

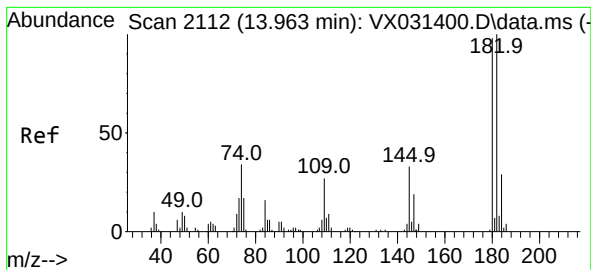
Tgt Ion:225 Resp: 1337
Ion Ratio Lower Upper
225 100
223 55.8 0.0 126.0
227 65.4 0.0 125.0



#91
Naphthalene
Concen: 0.653 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX031404.D
Acq: 16 Sep 2022 12:13

Tgt Ion:128 Resp: 3453
Ion Ratio Lower Upper
128 100
127 11.4 10.0 15.0
129 11.4 8.8 13.2





#92

1,2,3-Trichlorobenzene

Concen: 0.704 ug/l

RT: 13.957 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031404.D

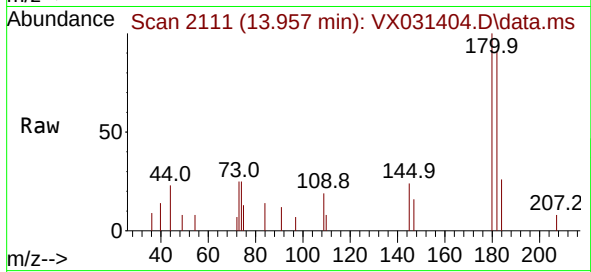
Acq: 16 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 1036

Ion Ratio Lower Upper

180 100

182 110.2 0.0 189.4

145 28.5 0.0 67.2

