

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028638.D
 Acq On : 12 May 2022 14:50
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 13 02:46:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	257463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177557	50.311	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.620%	
35) Dibromofluoromethane	5.391	113	153177	50.384	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.760%	
50) Toluene-d8	8.653	98	556359	48.539	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.080%	
62) 4-Bromofluorobenzene	11.079	95	206014	48.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1023	0.303	ug/l	87
3) Chloromethane	1.295	50	1230	0.387	ug/l #	88
4) Vinyl Chloride	1.374	62	725	0.212	ug/l #	76
5) Bromomethane	1.612	94	2565	Below Cal	#	68
6) Chloroethane	1.685	64	782	Below Cal	#	79
7) Trichlorofluoromethane	1.892	101	1288	0.236	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	886	0.309	ug/l	95
10) Methyl Iodide	2.459	142	2145	0.624	ug/l	94
11) Tert butyl alcohol	2.947	59	7315	1.847	ug/l #	77
12) 1,1-Dichloroethene	2.325	96	754	0.283	ug/l	91
13) Acrolein	2.233	56	626	1.081	ug/l #	83
15) Acrylonitrile	3.069	53	1722	1.013	ug/l	95
16) Acetone	2.380	43	1895	1.251	ug/l	95
17) Carbon Disulfide	2.514	76	9271	1.342	ug/l	96
18) Methyl Acetate	2.703	43	965	0.254	ug/l #	70
20) Methylene Chloride	2.788	84	1036	0.326	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	1585	0.528	ug/l #	81
25) 2-Butanone	4.562	43	907	0.381	ug/l #	85
27) cis-1,2-Dichloroethene	4.495	96	901	0.257	ug/l	47
29) Tetrahydrofuran	5.026	42	358	0.232	ug/l #	84
31) Cyclohexane	5.477	56	1178	0.240	ug/l	87
36) 1,1-Dichloropropene	5.708	75	1687	0.369	ug/l #	81
38) Carbon Tetrachloride	5.562	117	27362	5.954	ug/l #	15
39) Methylcyclohexane	7.379	83	1586	0.303	ug/l #	84
44) Trichloroethene	7.135	130	1137	0.319	ug/l	91
46) Dibromomethane	7.586	93	522	0.213	ug/l #	69
49) 1,4-Dioxane	7.684	88	65	0.722	ug/l #	11
53) t-1,3-Dichloropropene	8.988	75	671	1.765	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.251	63	634	0.248	ug/l	100
59) 2-Hexanone	9.439	43	828	0.217	ug/l	81
64) Tetrachloroethene	9.275	164	936	0.282	ug/l #	64
65) Chlorobenzene	10.079	112	2021	0.217	ug/l	96
68) m/p-Xylenes	10.299	106	2305	0.355	ug/l	97
71) Bromoform	10.799	173	77	1.876	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	107748	23.054	ug/l #	38
77) Bromobenzene	11.207	156	886	0.247	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
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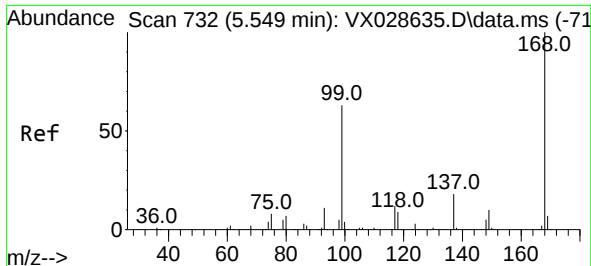
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 13 02:46:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

78) n-propylbenzene	11.305	91	4723	0.270	ug/l	96
79) 2-Chlorotoluene	11.366	91	2582	0.241	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	2772	0.220	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.079	75	107748	67.322	ug/l #	15
82) 4-Chlorotoluene	11.457	91	4042	0.326	ug/l	97
83) tert-Butylbenzene	11.719	119	3162	0.259	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2918	0.231	ug/l	98
85) sec-Butylbenzene	11.890	105	5378	0.357	ug/l	97
86) p-Isopropyltoluene	12.012	119	4795	0.379	ug/l #	81
87) 1,3-Dichlorobenzene	11.969	146	2723	0.388	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	2723	0.374	ug/l	95
89) n-Butylbenzene	12.335	91	6719	0.614	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	2080	0.301	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	3384	0.849	ug/l	97
94) Hexachlorobutadiene	13.725	225	4617	2.852	ug/l	97
95) Naphthalene	13.780	128	8997	0.634	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	3414	0.853	ug/l	91

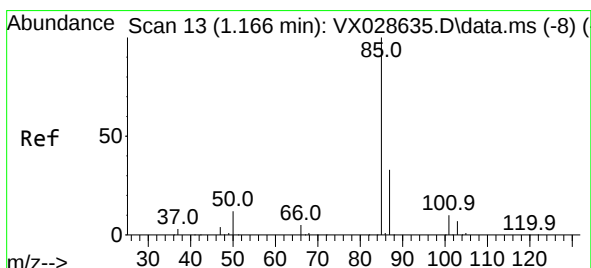
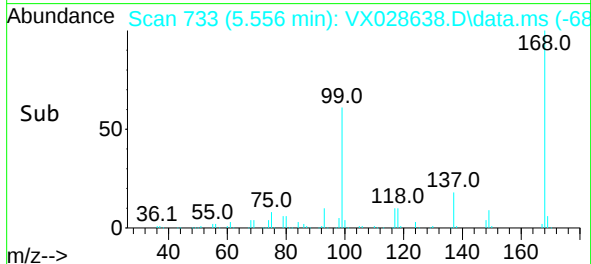
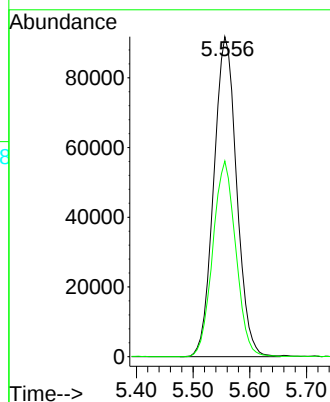
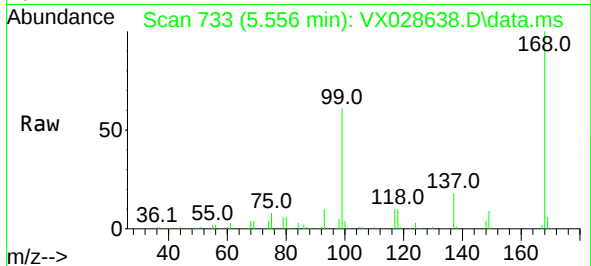
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

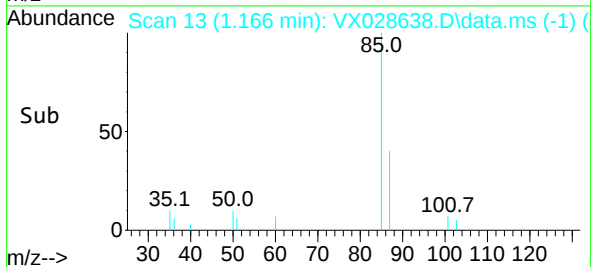
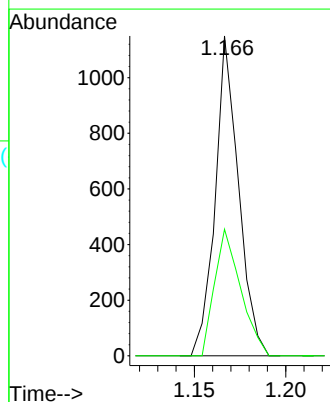
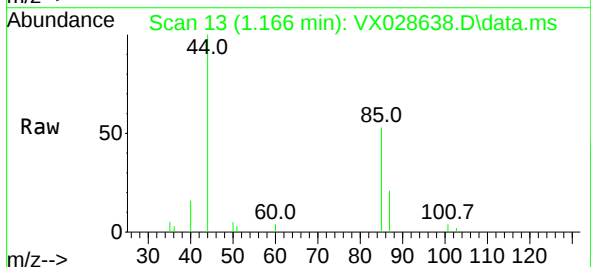
Instrument :
MSVOA_X
ClientSampleId :
IBLK

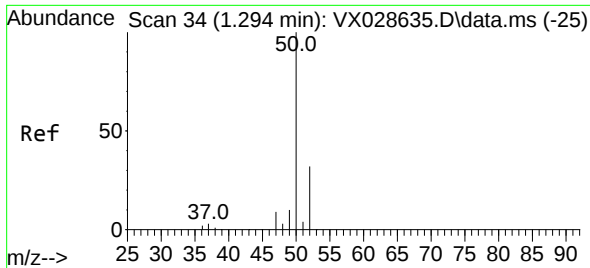
Tgt Ion:168 Resp: 257463
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.303 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 85 Resp: 1023
Ion Ratio Lower Upper
85 100
87 39.6 16.2 48.6

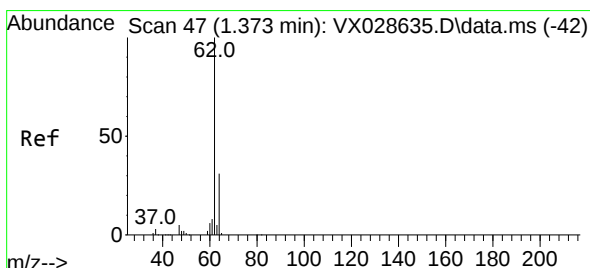
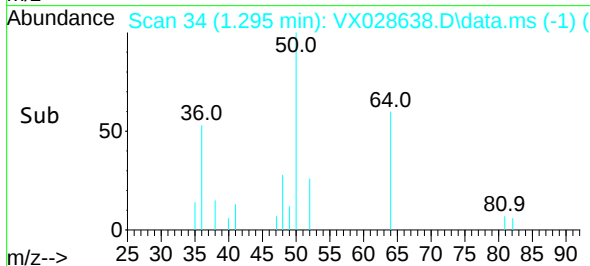
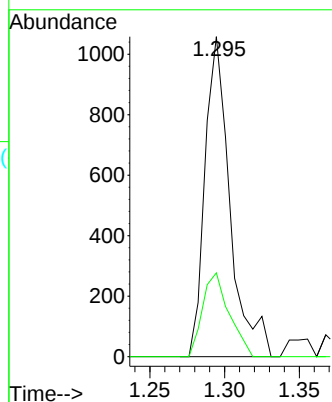
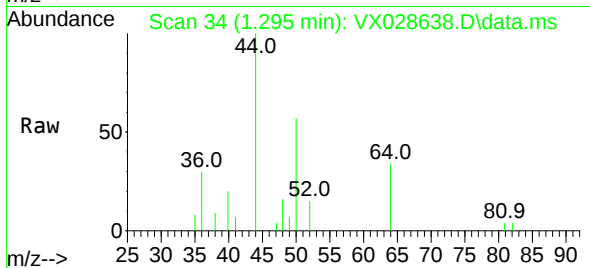




#3
Chloromethane
Concen: 0.387 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

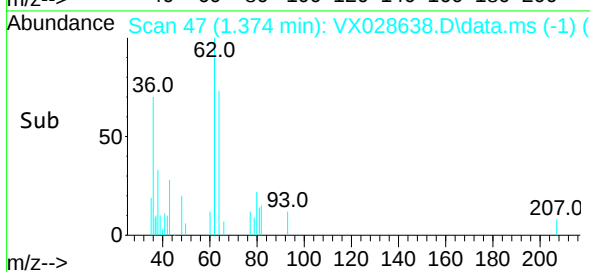
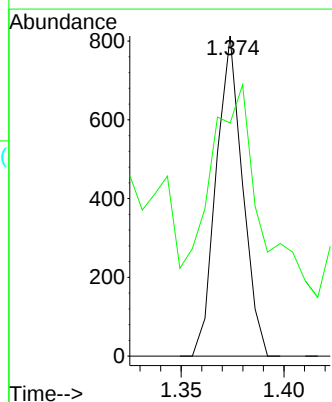
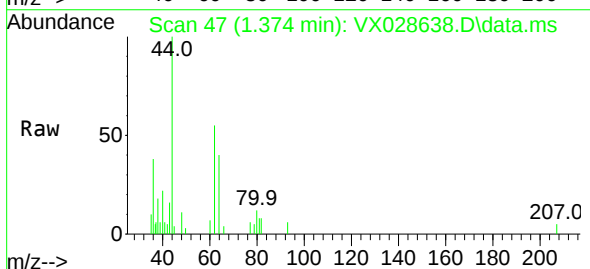
Instrument :
MSVOA_X
ClientSampleId :
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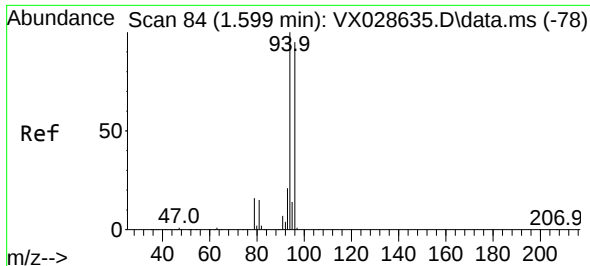
Tgt Ion: 50 Resp: 1230
Ion Ratio Lower Upper
50 100
52 26.2 26.4 39.6#



#4
Vinyl Chloride
Concen: 0.212 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 62 Resp: 725
Ion Ratio Lower Upper
62 100
64 45.4 25.5 38.3#

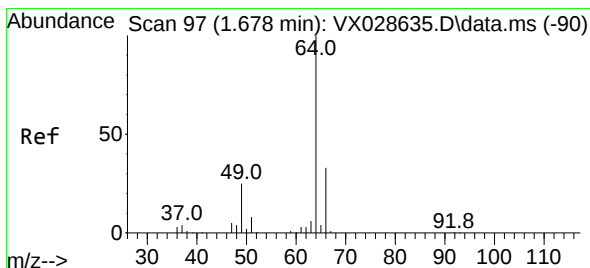
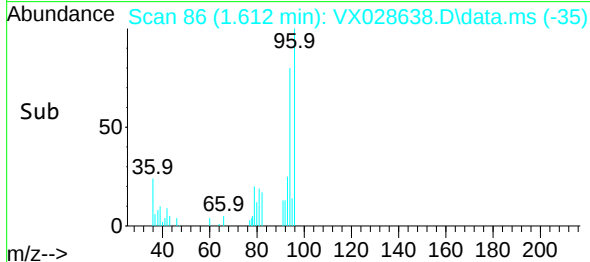
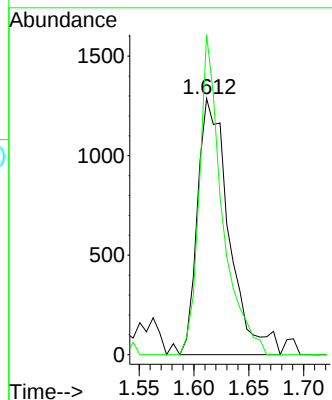
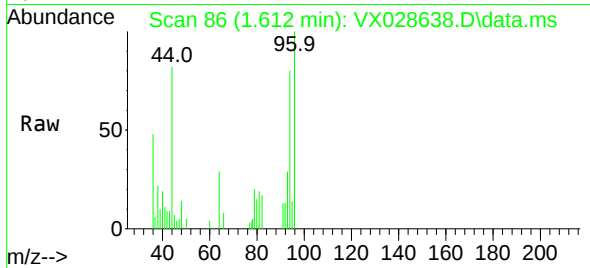




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

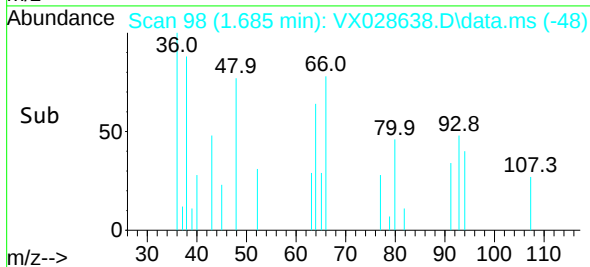
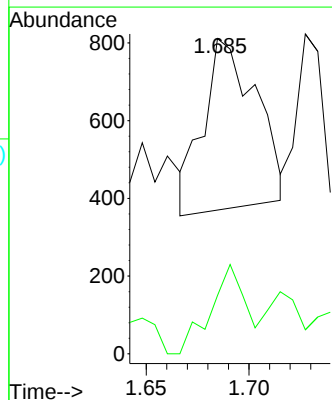
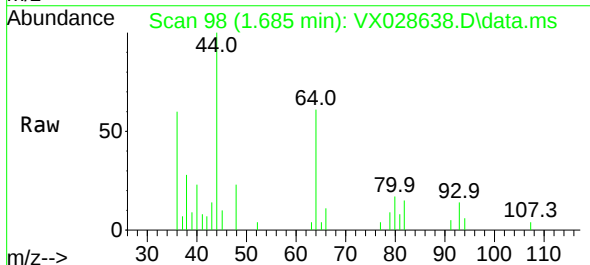
Instrument :
MSVOA_X
ClientSampleId :
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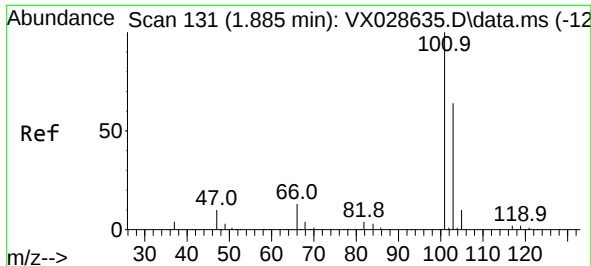
Tgt Ion: 94 Resp: 2565
Ion Ratio Lower Upper
94 100
96 124.9 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 64 Resp: 782
Ion Ratio Lower Upper
64 100
66 43.0 25.3 37.9#

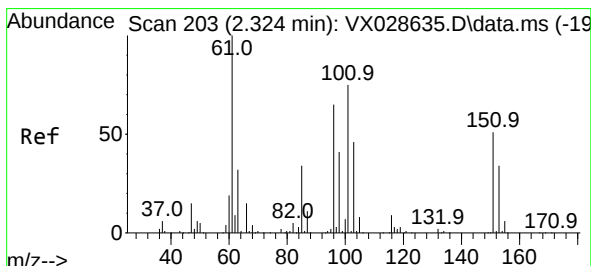
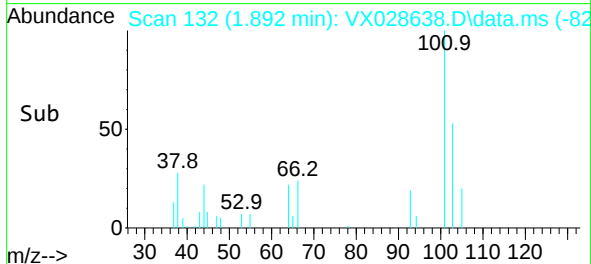
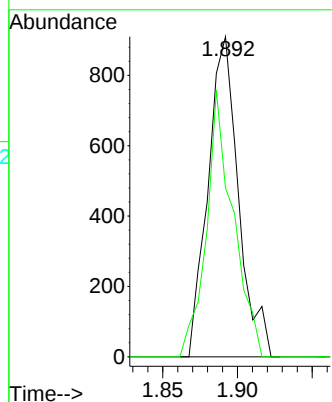
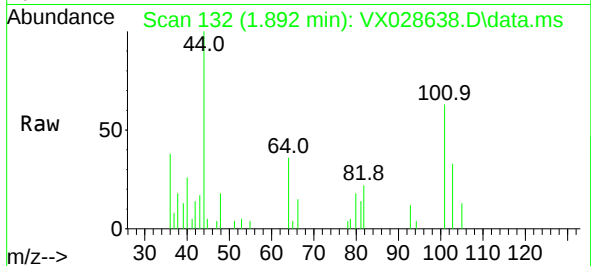




#7
 Trichlorofluoromethane
 Concen: 0.236 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX028638.D
 Acq: 12 May 2022 14:50

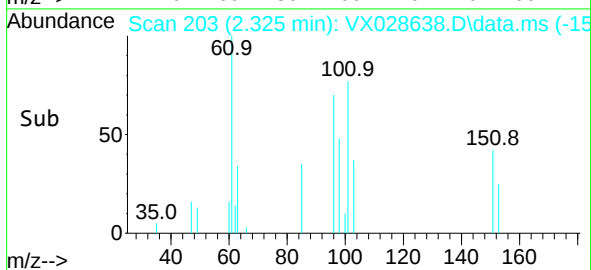
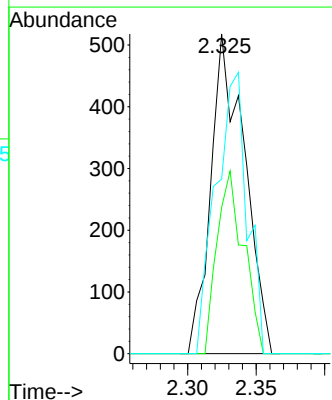
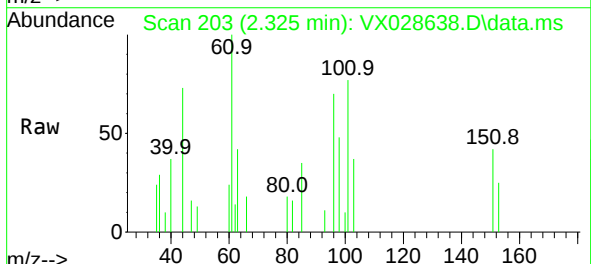
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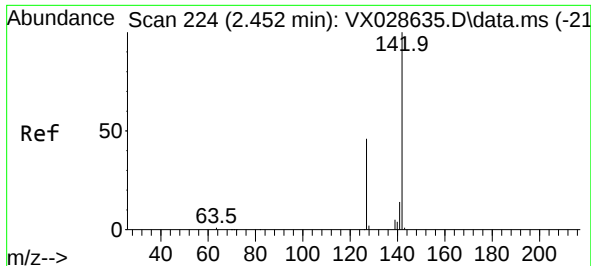
Tgt Ion:101 Resp: 1288
 Ion Ratio Lower Upper
 101 100
 103 52.7 50.5 75.7



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.309 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.001 min
 Lab File: VX028638.D
 Acq: 12 May 2022 14:50

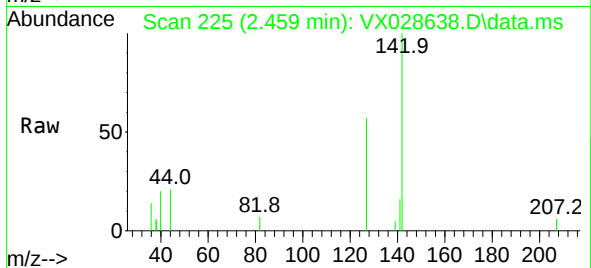
Tgt Ion:101 Resp: 886
 Ion Ratio Lower Upper
 101 100
 85 45.0 33.5 50.3
 151 81.8 61.8 92.6



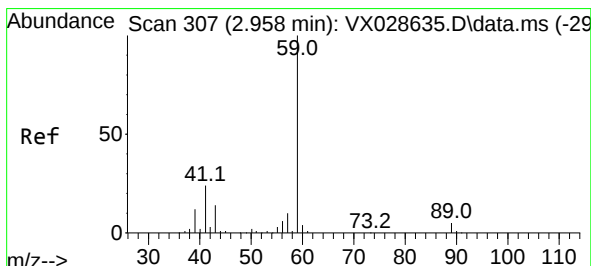
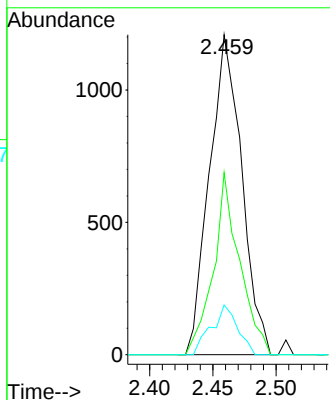
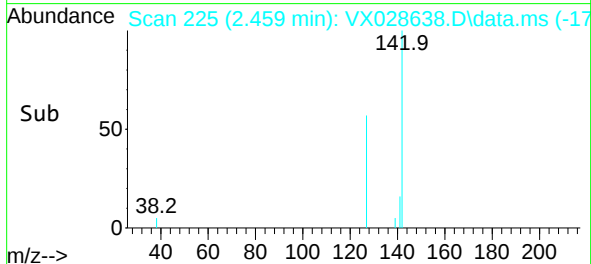


#10
Methyl Iodide
Concen: 0.624 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
IBLK

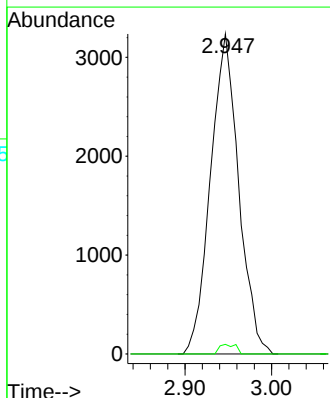
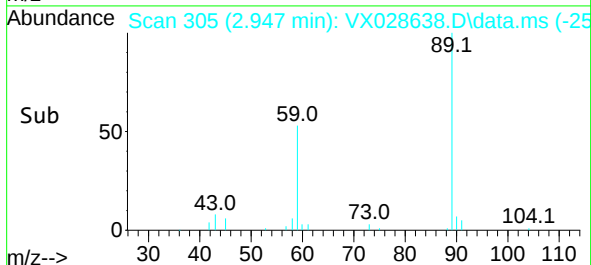
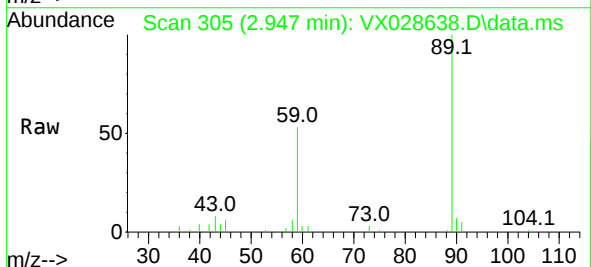


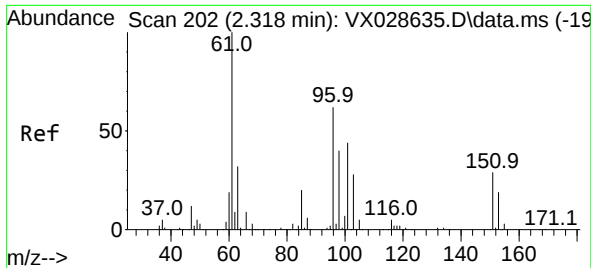
Tgt Ion:142 Resp: 2145
Ion Ratio Lower Upper
142 100
127 46.2 33.9 50.9
141 12.6 11.4 17.2



#11
Tert butyl alcohol
Concen: 1.847 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 59 Resp: 7315
Ion Ratio Lower Upper
59 100
57 1.7 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.283 ug/l

RT: 2.325 min Scan# 202

Delta R.T. 0.007 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

IBLK

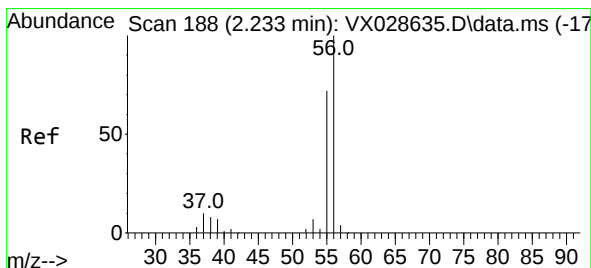
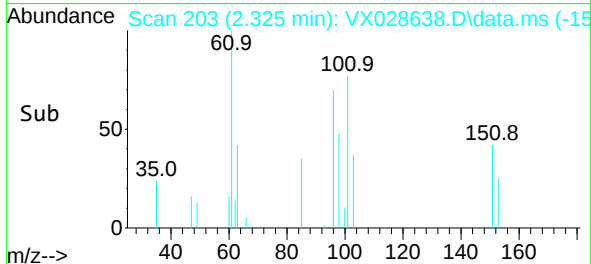
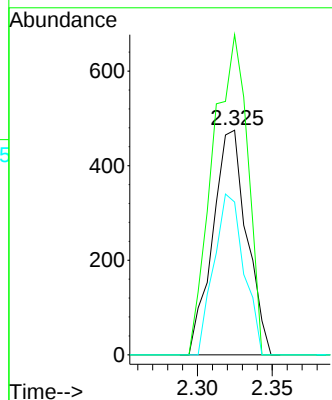
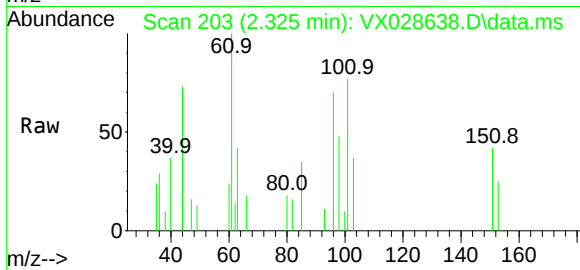
Tgt Ion: 96 Resp: 754

Ion Ratio Lower Upper

96 100

61 142.5 124.6 187.0

98 68.0 51.0 76.4



#13

Acrolein

Concen: 1.081 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX028638.D

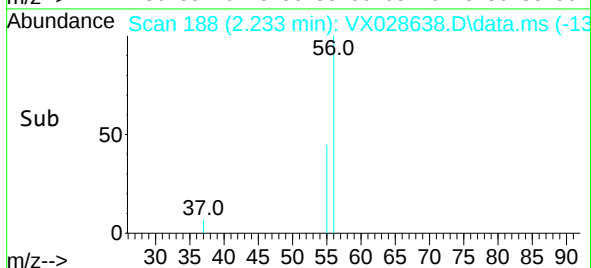
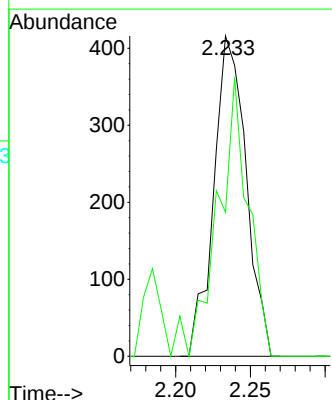
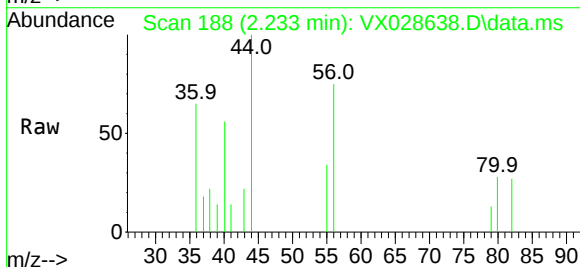
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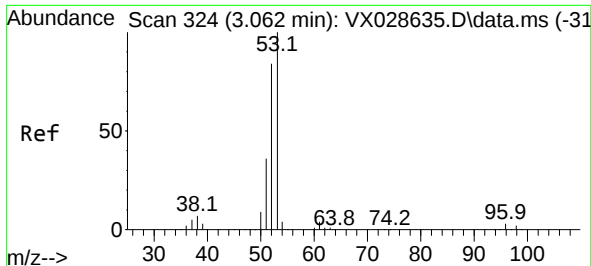
Tgt Ion: 56 Resp: 626

Ion Ratio Lower Upper

56 100

55 82.9 55.0 82.6#

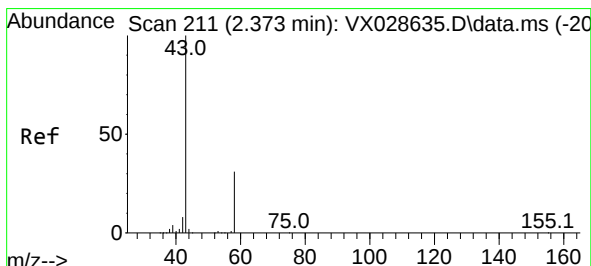
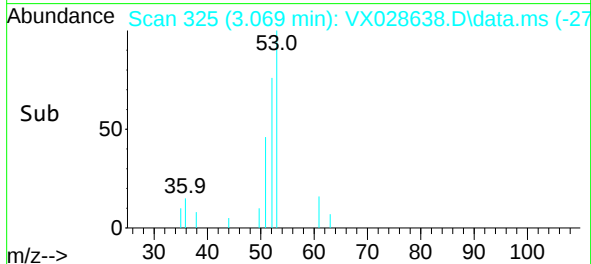
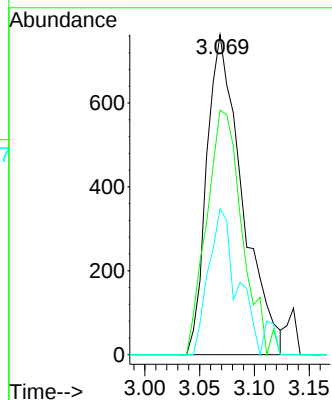
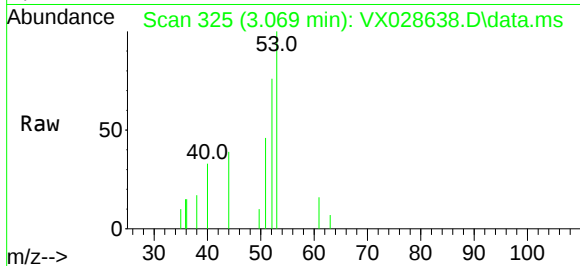




#15
Acrylonitrile
Concen: 1.013 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

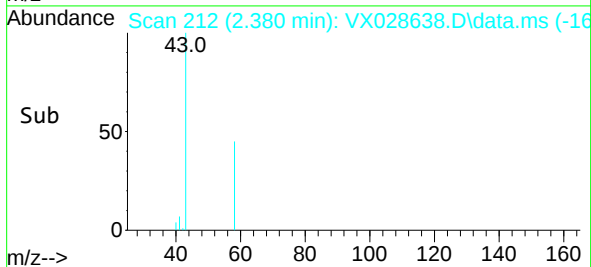
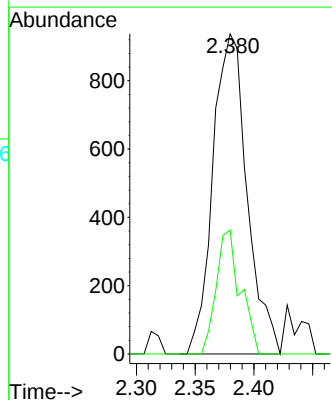
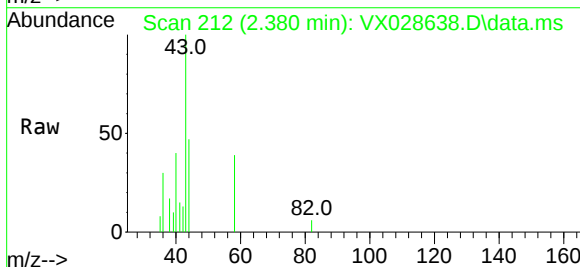
Instrument :
MSVOA_X
ClientSampleId :
IBLK

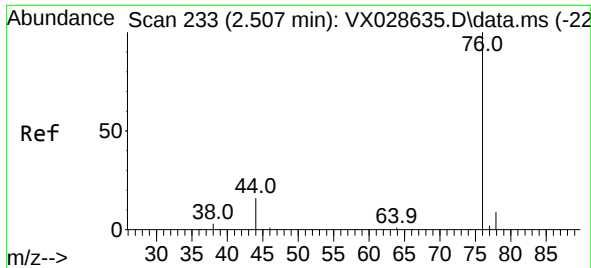
Tgt Ion: 53 Resp: 1722
Ion Ratio Lower Upper
53 100
52 76.1 65.7 98.5
51 36.5 28.4 42.6



#16
Acetone
Concen: 1.251 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 43 Resp: 1895
Ion Ratio Lower Upper
43 100
58 38.7 28.8 43.2





#17

Carbon Disulfide

Concen: 1.342 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

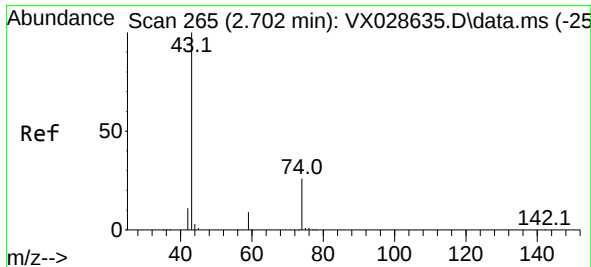
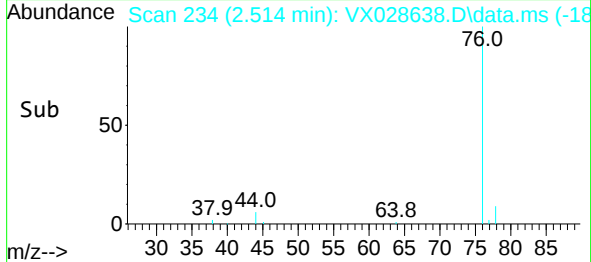
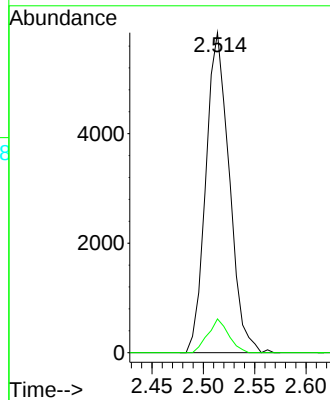
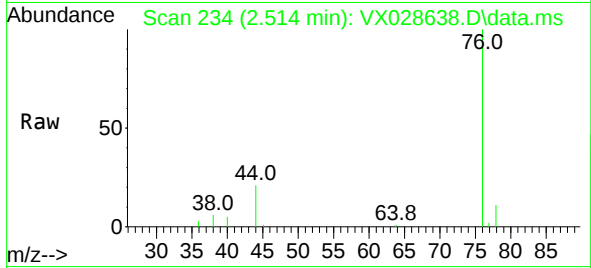
IBLK

Tgt Ion: 76 Resp: 9271

Ion Ratio Lower Upper

76 100

78 10.6 7.2 10.8



#18

Methyl Acetate

Concen: 0.254 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.001 min

Lab File: VX028638.D

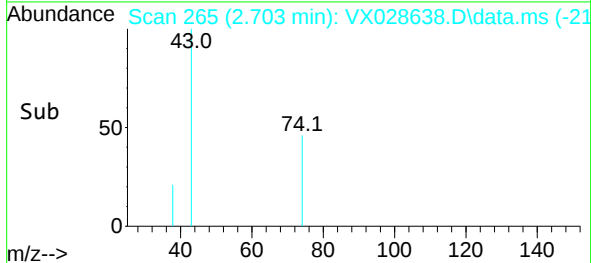
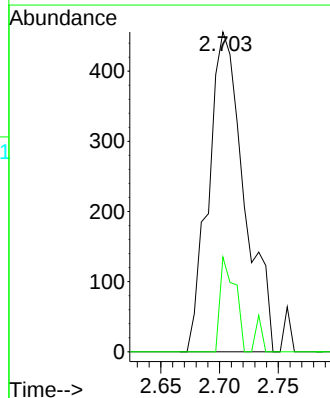
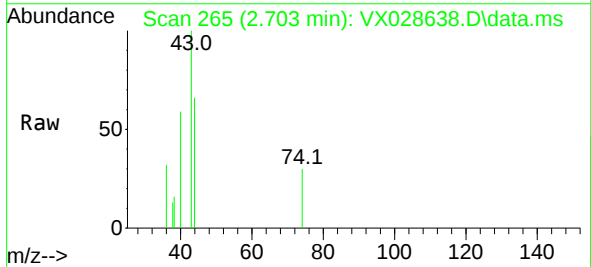
Acq: 12 May 2022 14:50

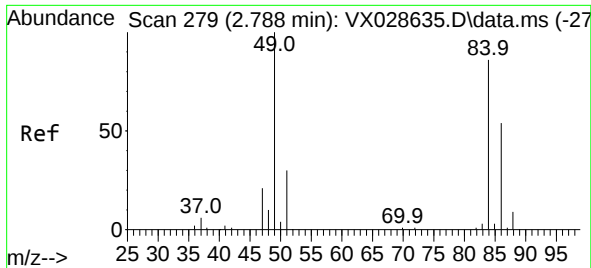
Tgt Ion: 43 Resp: 965

Ion Ratio Lower Upper

43 100

74 12.4 22.8 34.2#

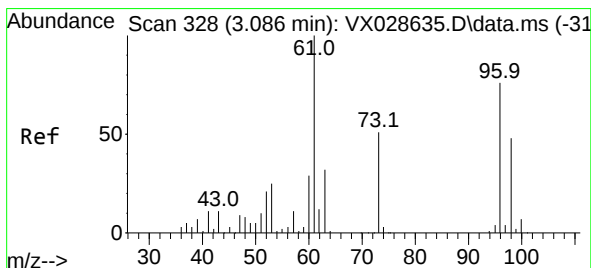
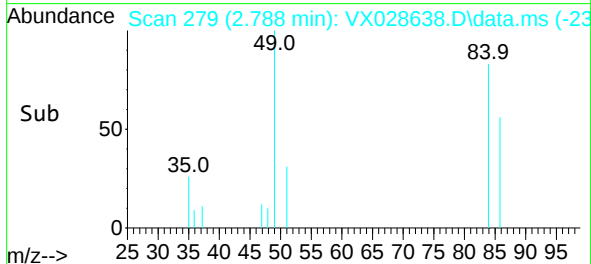
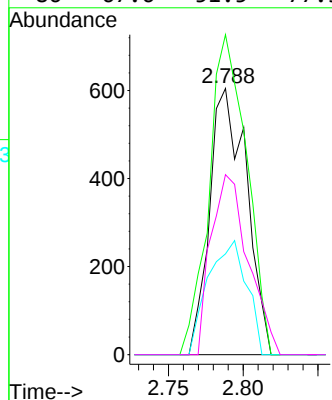
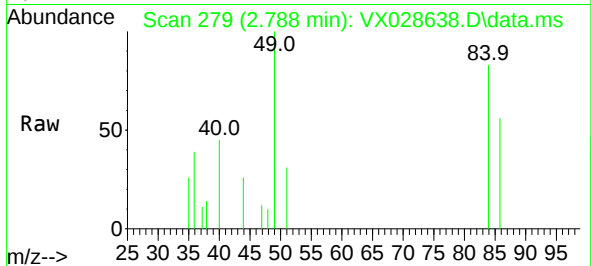




#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

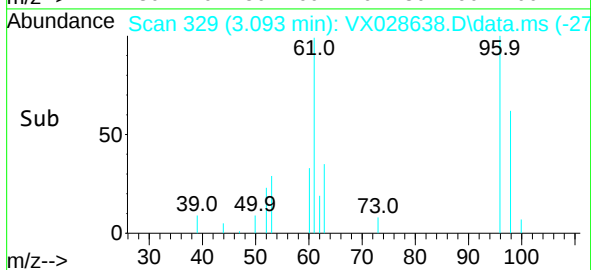
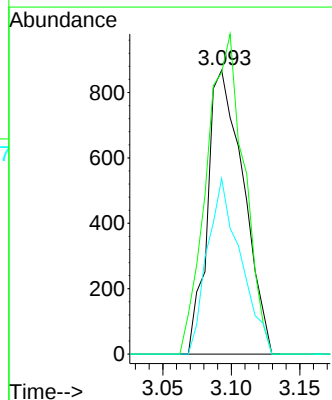
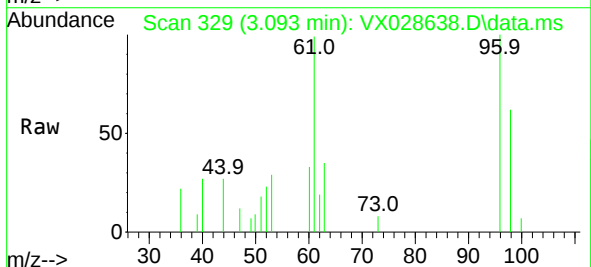
Instrument :
MSVOA_X
ClientSampleId :
IBLK

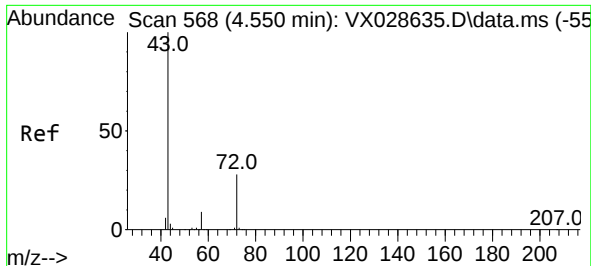
Tgt Ion:	84	Resp:	1036
Ion	Ratio	Lower	Upper
84	100		
49	120.2	85.5	128.3
51	37.9	26.6	39.8
86	67.6	51.5	77.3



#21
trans-1,2-Dichloroethene
Concen: 0.528 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.007 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion:	96	Resp:	1585
Ion	Ratio	Lower	Upper
96	100		
61	99.2	105.4	158.2#
98	61.9	50.0	75.0

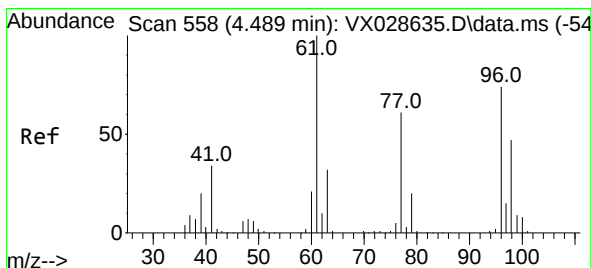
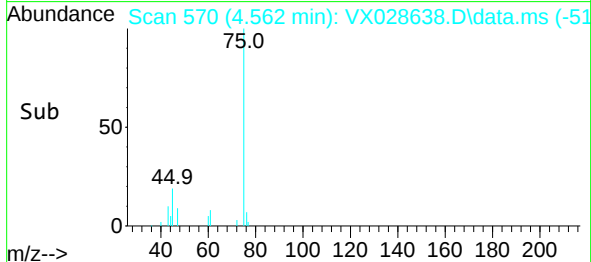
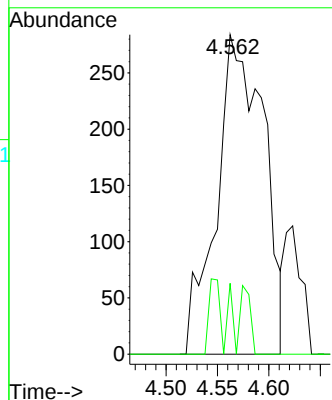
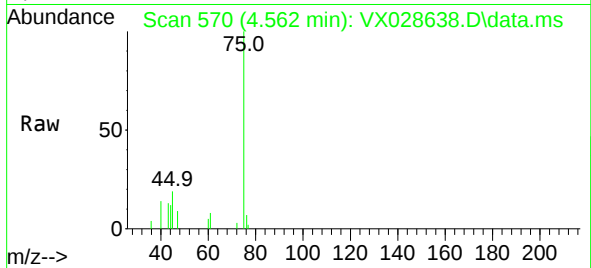




#25
2-Butanone
Concen: 0.381 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

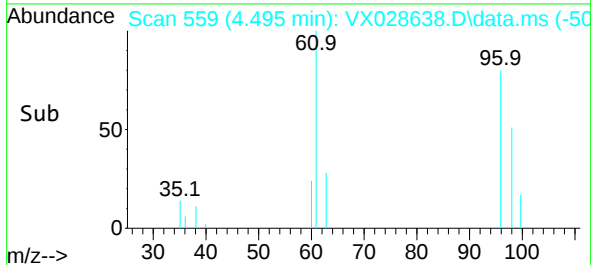
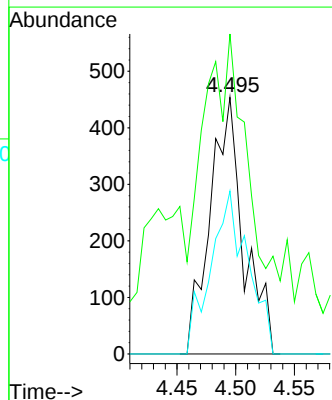
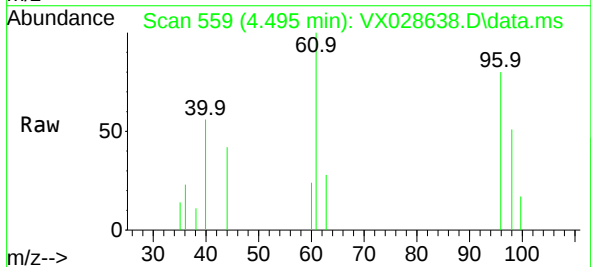
Instrument :
MSVOA_X
ClientSampleId :
IBLK

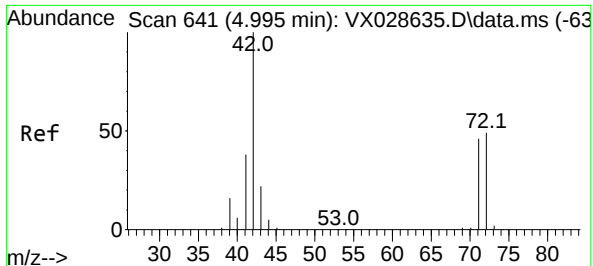
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
72 22.2 24.4 36.6#



#27
cis-1,2-Dichloroethene
Concen: 0.257 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 96 Resp: 901
Ion Ratio Lower Upper
96 100
61 51.2 0.0 283.8
98 70.6 0.0 129.8





#29

Tetrahydrofuran

Concen: 0.232 ug/l

RT: 5.026 min Scan# 641

Delta R.T. 0.031 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

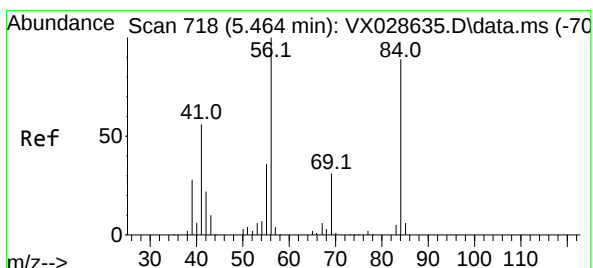
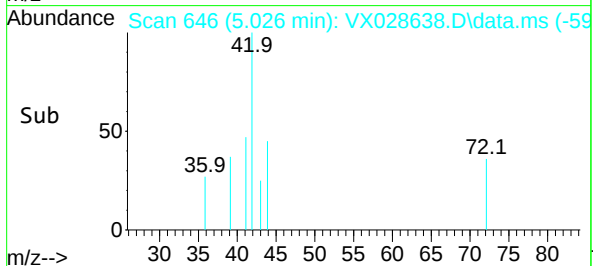
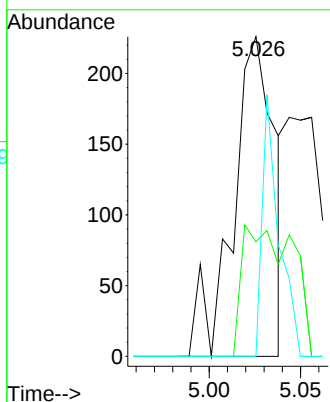
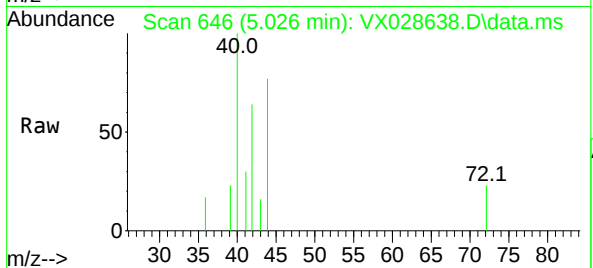
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 42	Resp: 358
Ion Ratio	Lower Upper
42	100
72	49.4 44.1 66.1
71	32.7 40.5 60.7#



#31

Cyclohexane

Concen: 0.240 ug/l

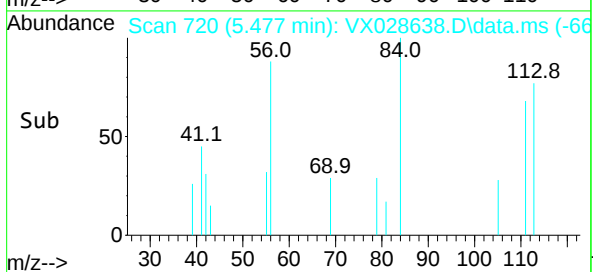
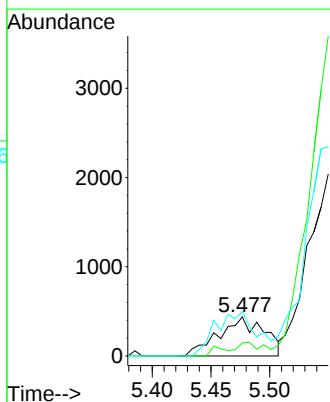
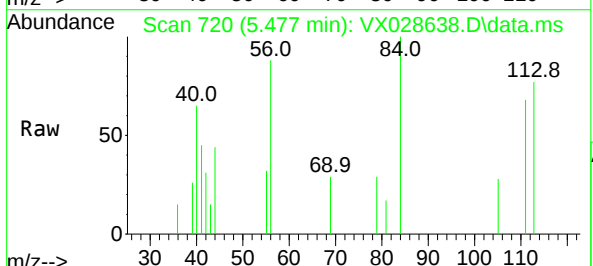
RT: 5.477 min Scan# 720

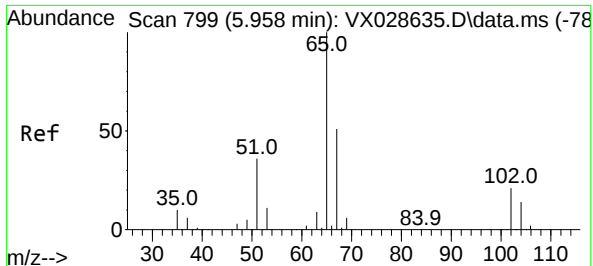
Delta R.T. 0.013 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Tgt Ion: 56	Resp: 1178
Ion Ratio	Lower Upper
56	100
69	33.6 26.7 40.1
84	113.9 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 50.311 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

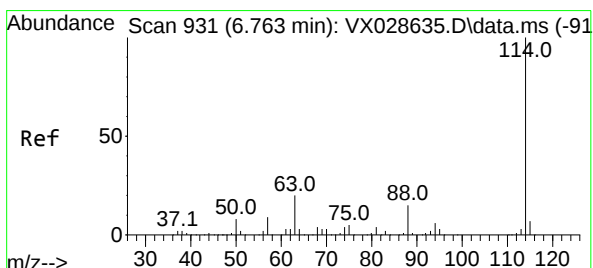
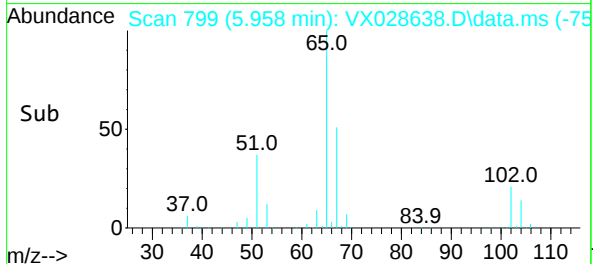
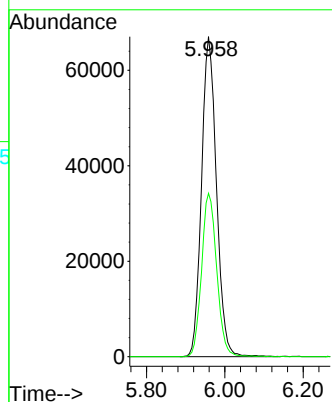
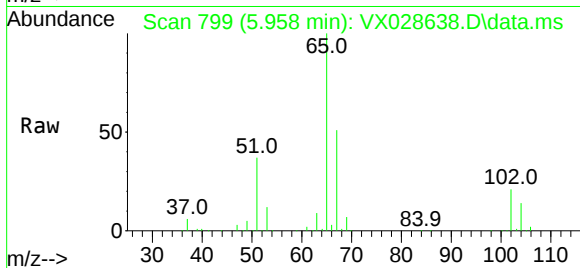
IBLK

Tgt Ion: 65 Resp: 177557

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

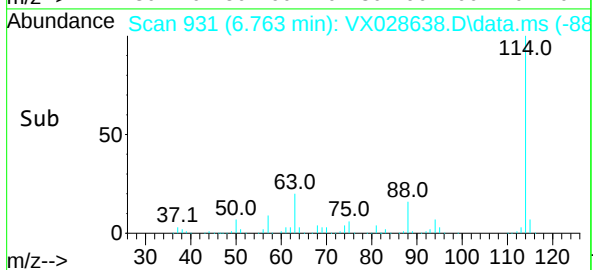
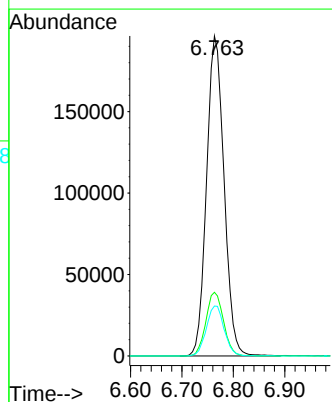
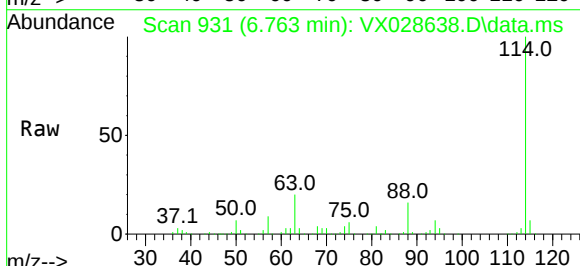
Tgt Ion: 114 Resp: 464019

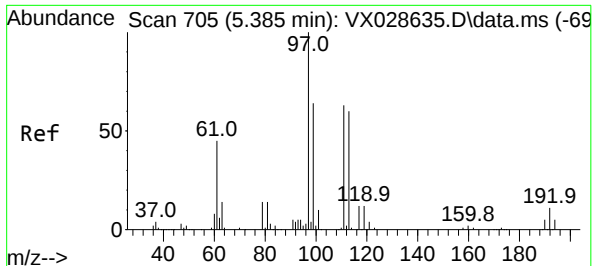
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.8

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.384 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

IBLK

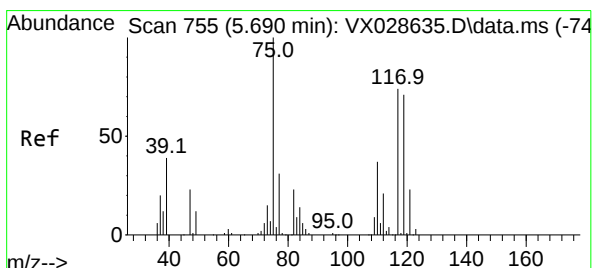
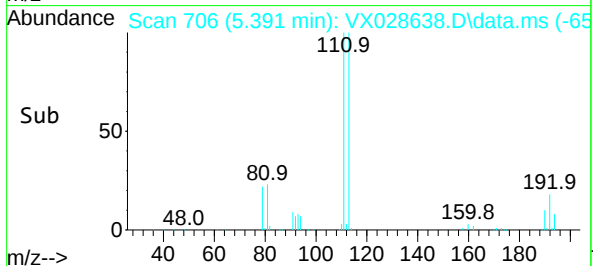
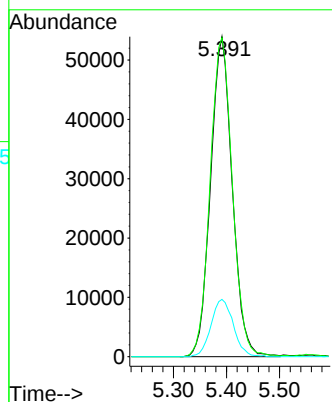
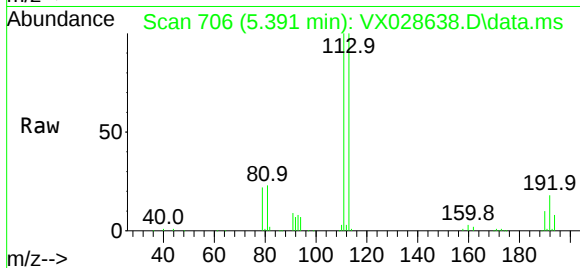
Tgt Ion:113 Resp: 153177

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 18.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 0.369 ug/l

RT: 5.708 min Scan# 758

Delta R.T. 0.018 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

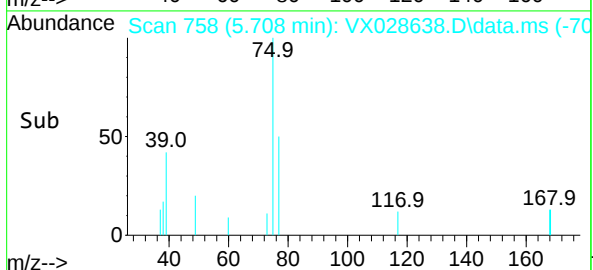
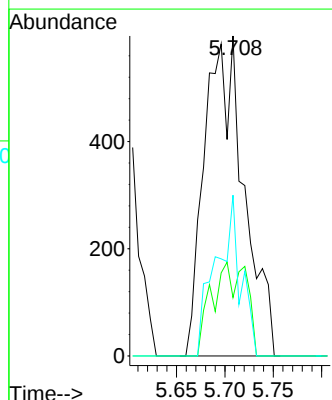
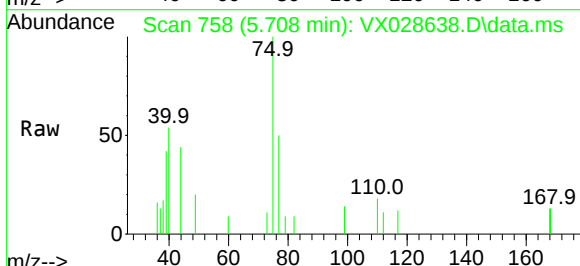
Tgt Ion: 75 Resp: 1687

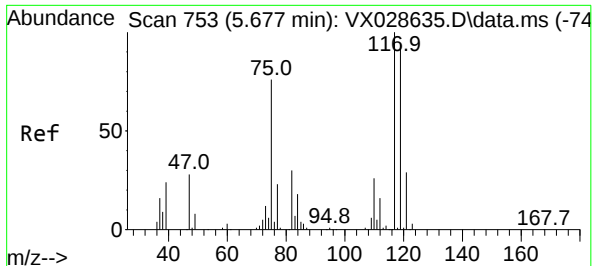
Ion Ratio Lower Upper

75 100

110 16.1 18.3 54.8#

77 31.5 24.8 37.2

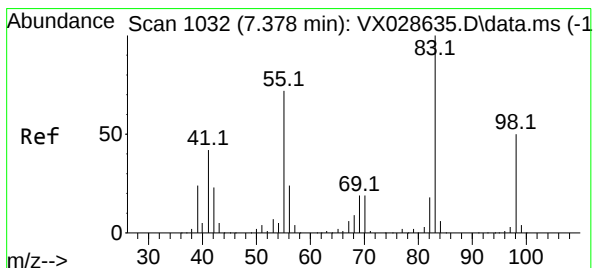
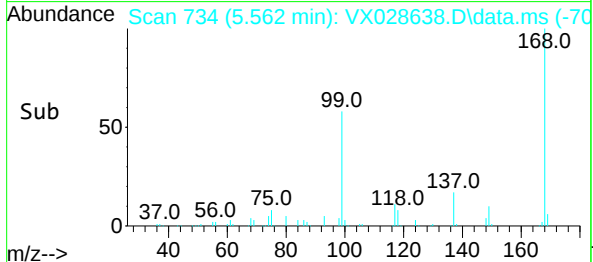
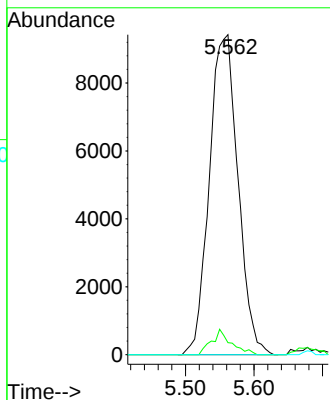
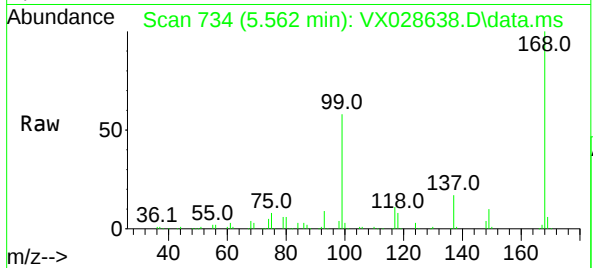




#38
Carbon Tetrachloride
Concen: 5.954 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.115 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

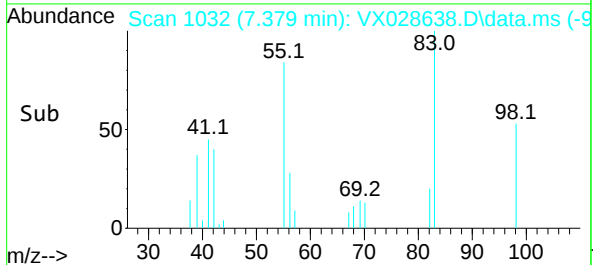
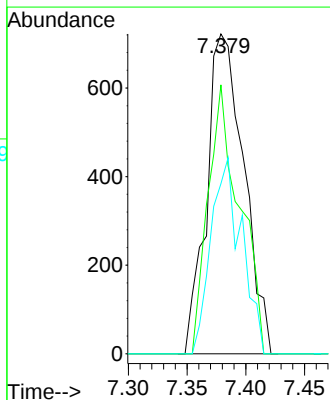
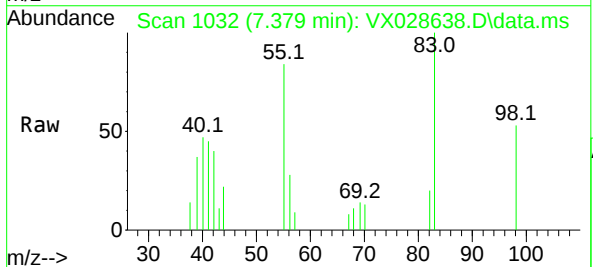
Instrument :
MSVOA_X
ClientSampleId :
IBLK

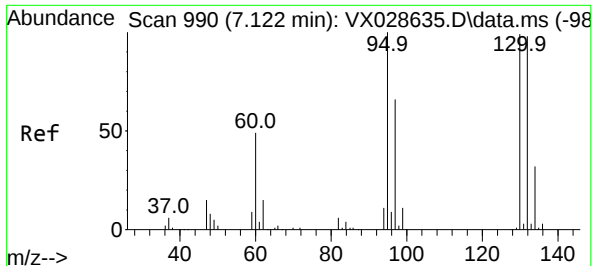
Tgt Ion:117 Resp: 27362
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.303 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 83 Resp: 1586
Ion Ratio Lower Upper
83 100
55 84.1 54.6 81.8#
98 53.2 37.4 56.2

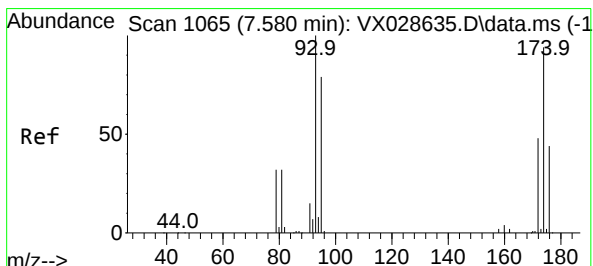
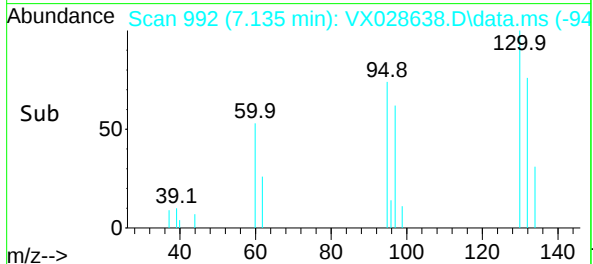
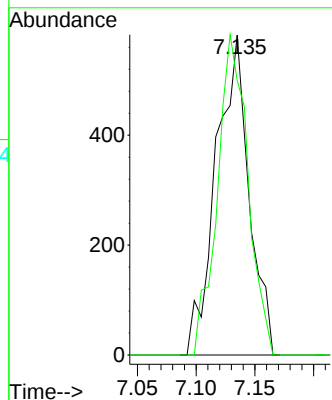
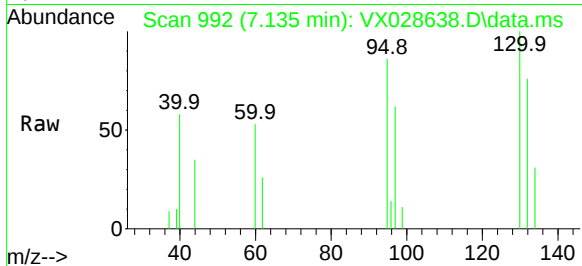




#44
Trichloroethene
Concen: 0.319 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.013 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

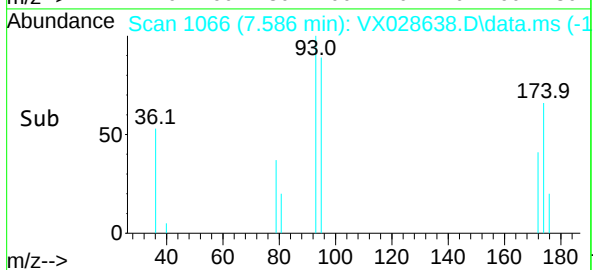
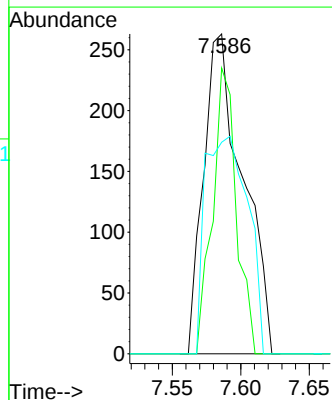
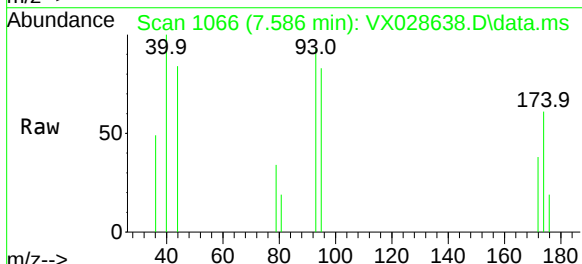
Instrument :
MSVOA_X
ClientSampleId :
IBLK

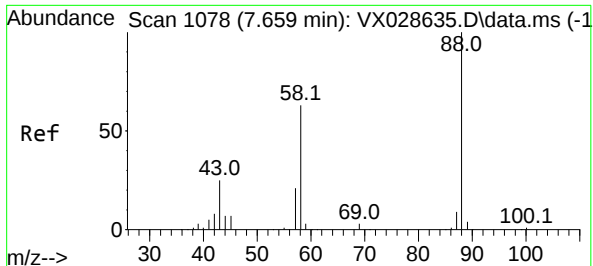
Tgt Ion:130 Resp: 1137
Ion Ratio Lower Upper
130 100
95 85.9 0.0 188.8



#46
Dibromomethane
Concen: 0.213 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 93 Resp: 522
Ion Ratio Lower Upper
93 100
95 54.2 65.8 98.6#
174 74.3 85.4 128.2#





#49

1,4-Dioxane

Concen: 0.722 ug/l

RT: 7.684 min Scan# 1078

Delta R.T. 0.025 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

IBLK

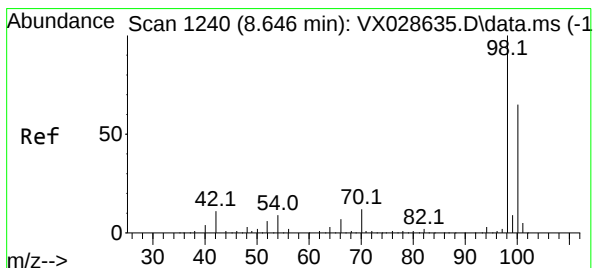
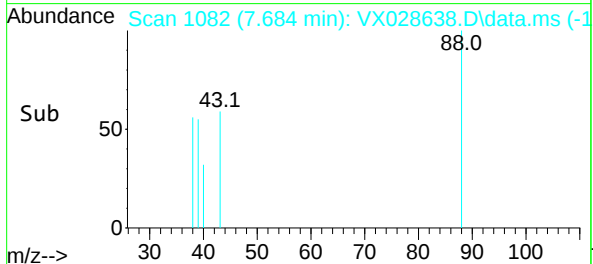
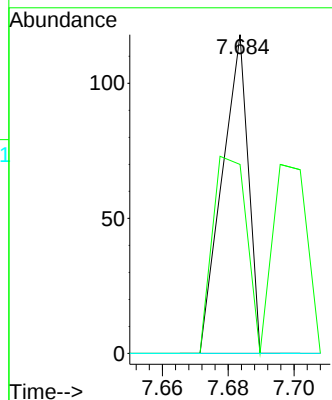
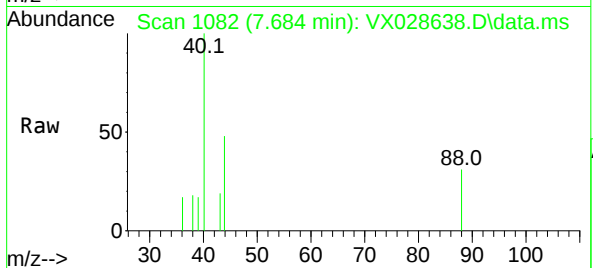
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 80.0 21.9 32.9#

58 0.0 53.7 80.5#



#50

Toluene-d8

Concen: 48.539 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028638.D

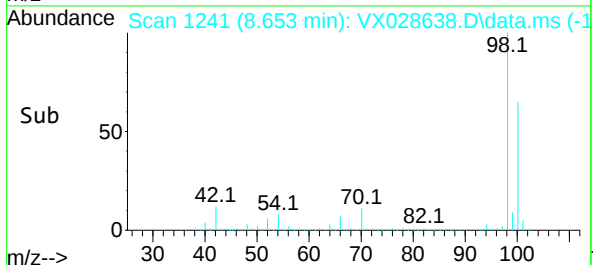
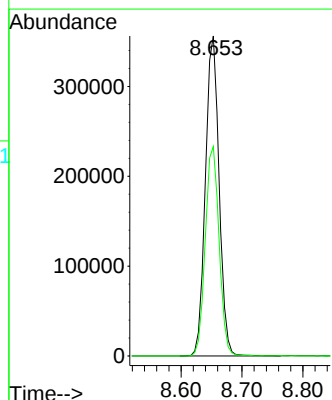
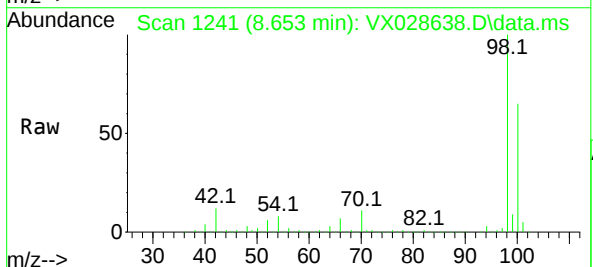
Acq: 12 May 2022 14:50

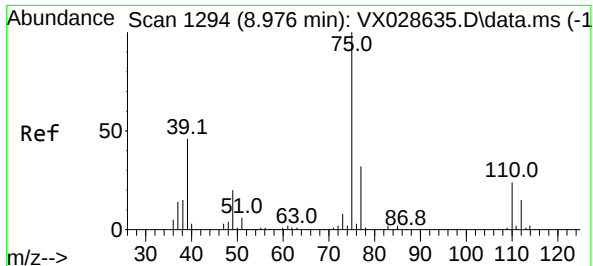
Tgt Ion: 98 Resp: 556359

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8





#53

t-1,3-Dichloropropene

Concen: 1.765 ug/l

RT: 8.988 min Scan# 1175

Delta R.T. 0.012 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

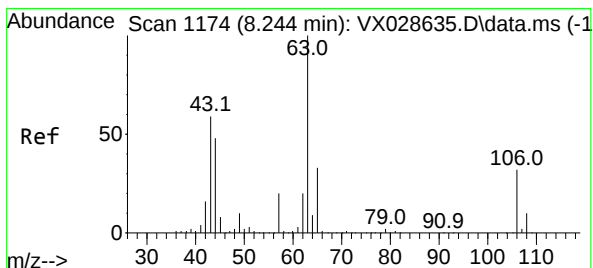
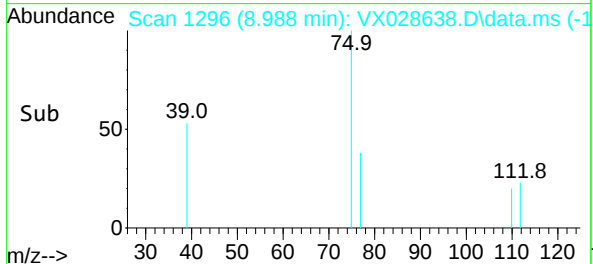
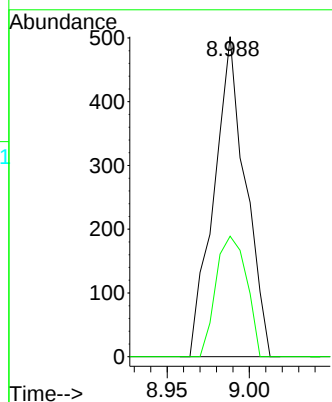
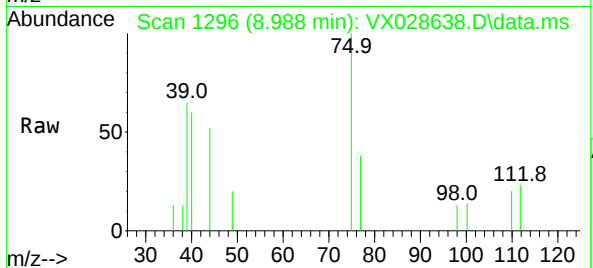
IBLK

Tgt Ion: 75 Resp: 671

Ion Ratio Lower Upper

75 100

77 37.6 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 0.248 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.007 min

Lab File: VX028638.D

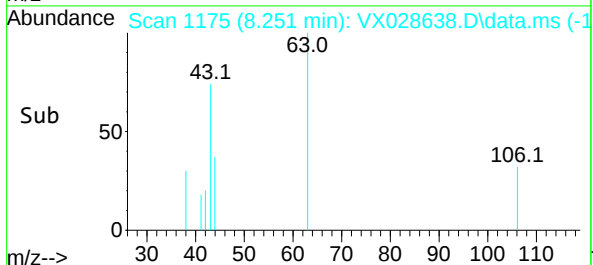
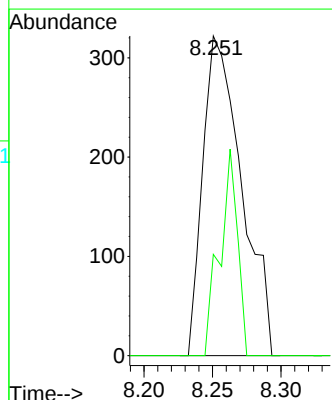
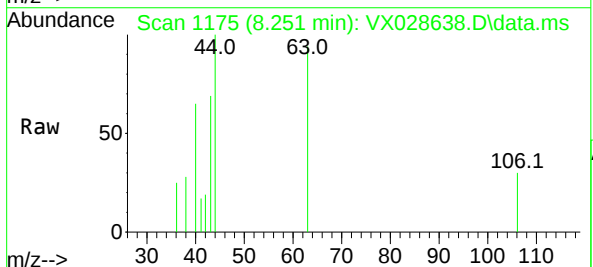
Acq: 12 May 2022 14:50

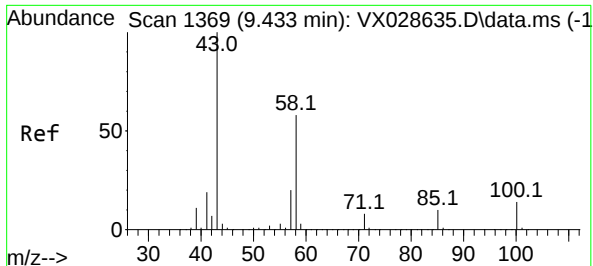
Tgt Ion: 63 Resp: 634

Ion Ratio Lower Upper

63 100

106 29.7 23.9 35.9





#59

2-Hexanone

Concen: 0.217 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

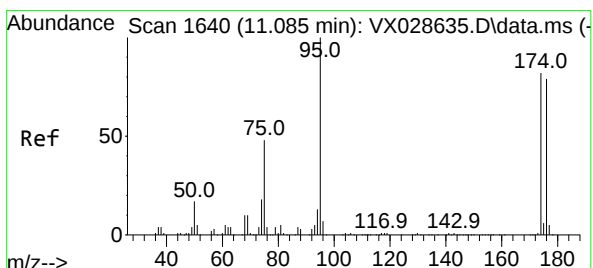
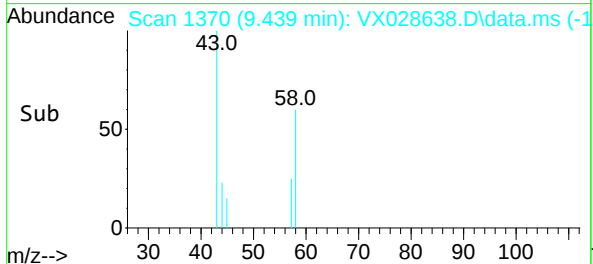
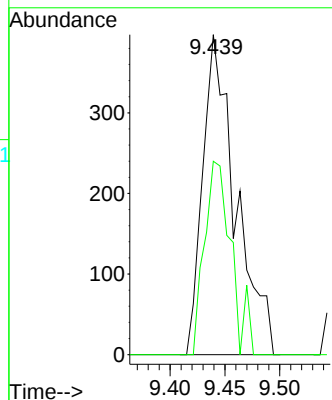
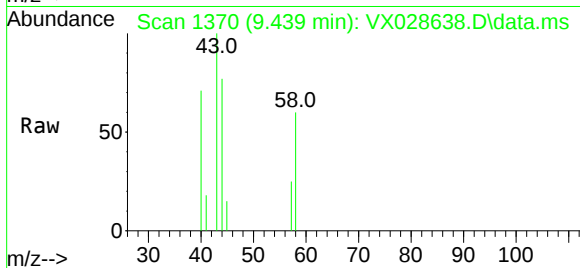
IBLK

Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

43 100

58 48.9 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 48.121 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

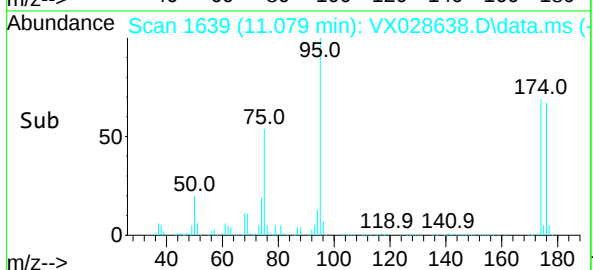
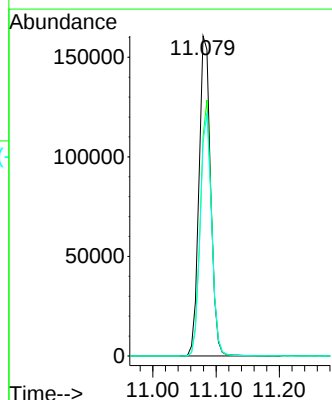
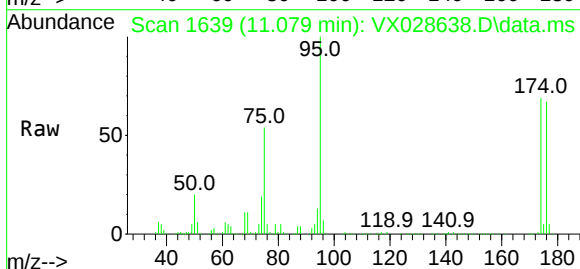
Tgt Ion: 95 Resp: 206014

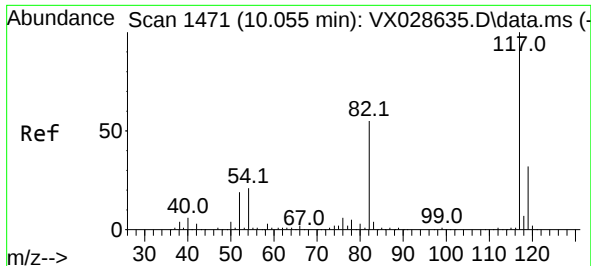
Ion Ratio Lower Upper

95 100

174 77.2 0.0 163.0

176 74.3 0.0 155.0

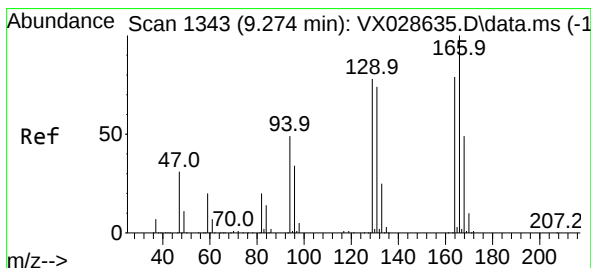
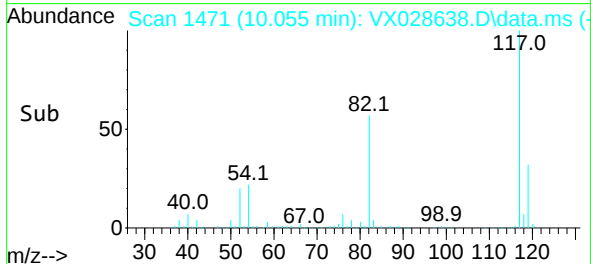
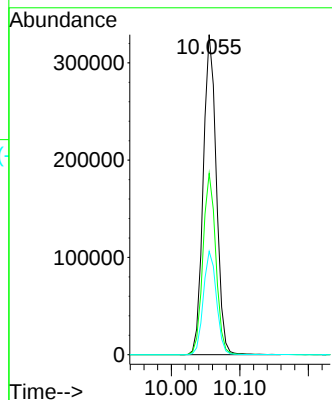
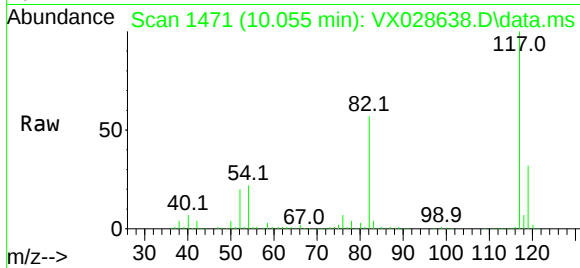




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

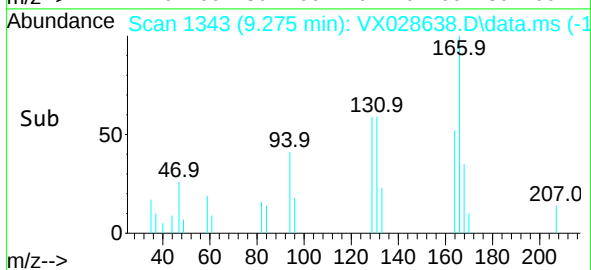
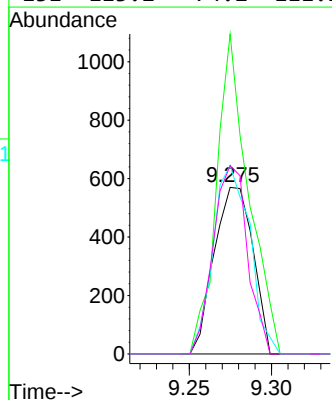
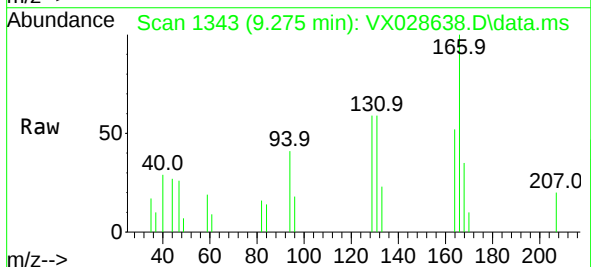
Instrument :
MSVOA_X
ClientSampleId :
IBLK

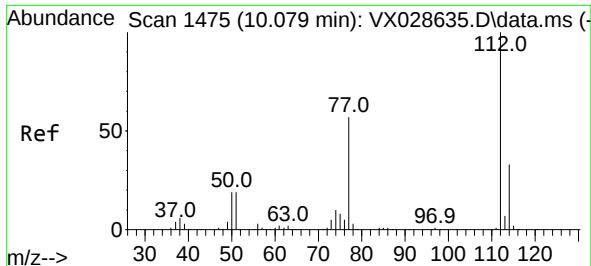
Tgt Ion:117 Resp: 438857
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.3 24.8 37.2



#64
Tetrachloroethene
Concen: 0.282 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion:164 Resp: 936
Ion Ratio Lower Upper
164 100
166 192.1 101.2 151.8#
129 113.2 73.0 109.4#
131 113.2 74.2 111.2#

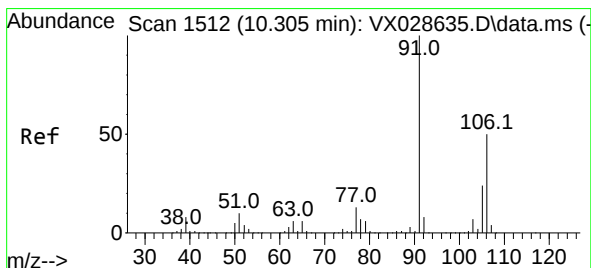
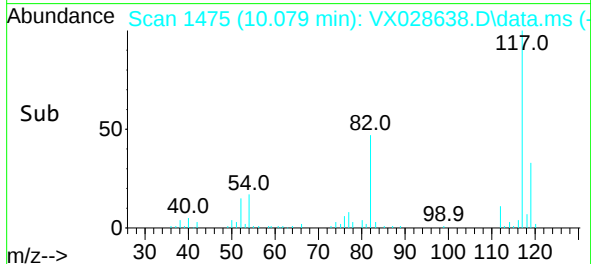
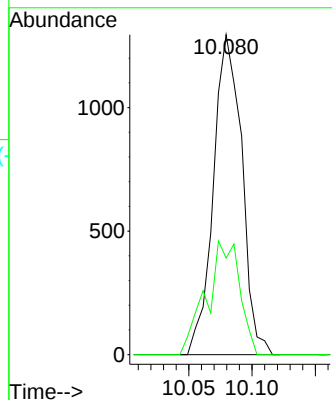
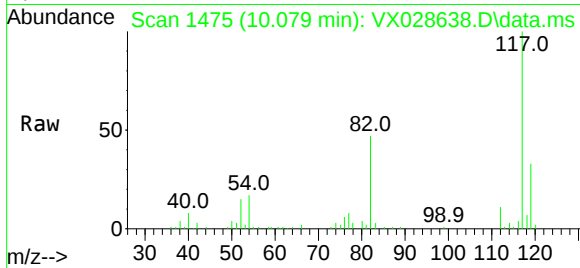




#65
Chlorobenzene
Concen: 0.217 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

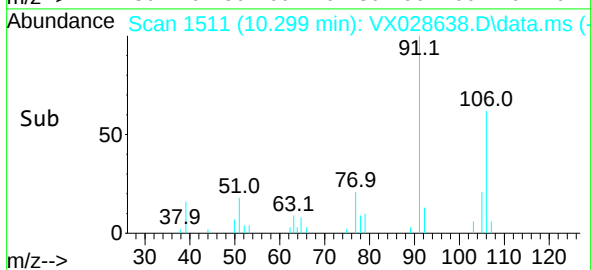
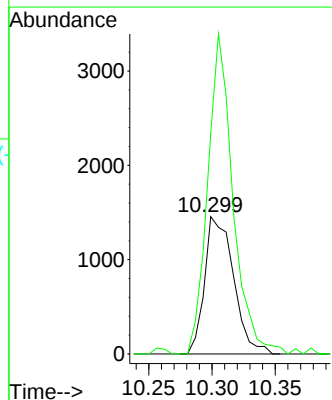
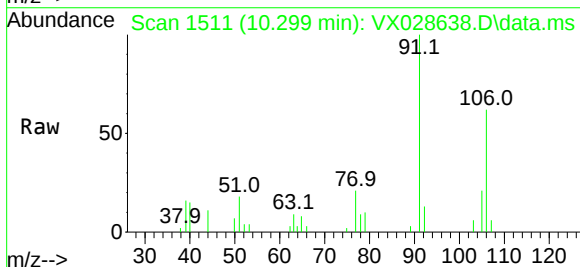
Instrument :
MSVOA_X
ClientSampleId :
IBLK

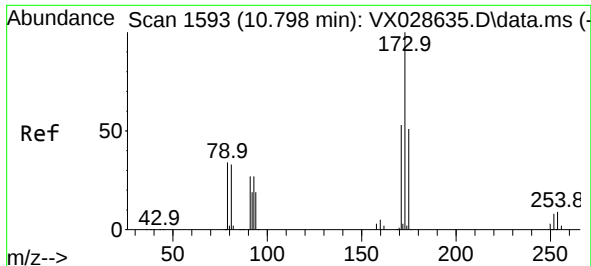
Tgt Ion:112 Resp: 2021
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.8



#68
m/p-Xylenes
Concen: 0.355 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion:106 Resp: 2305
Ion Ratio Lower Upper
106 100
91 205.0 160.4 240.6

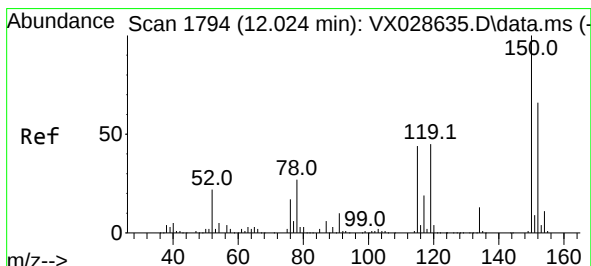
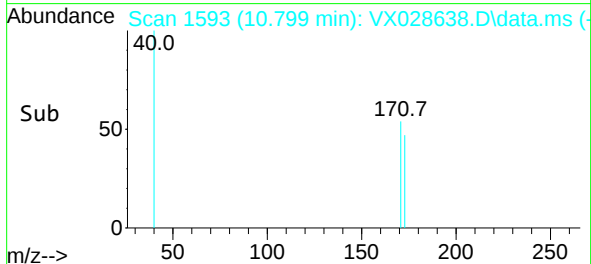
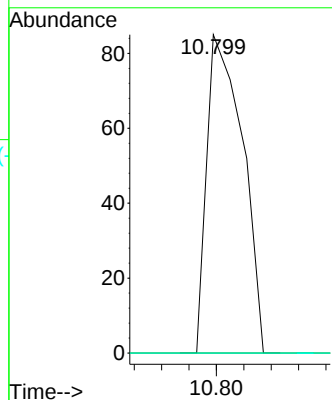
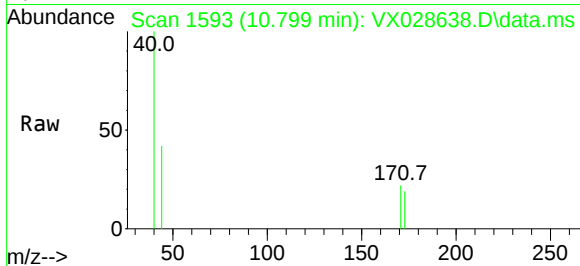




#71
Bromoform
Concen: 1.876 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

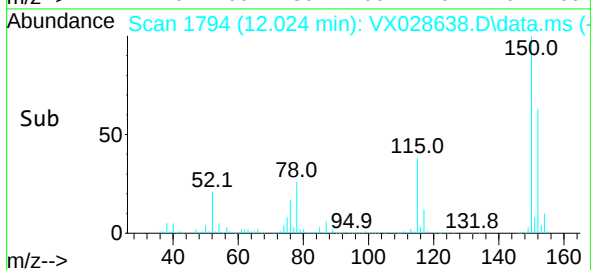
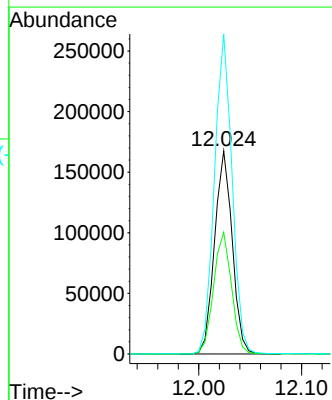
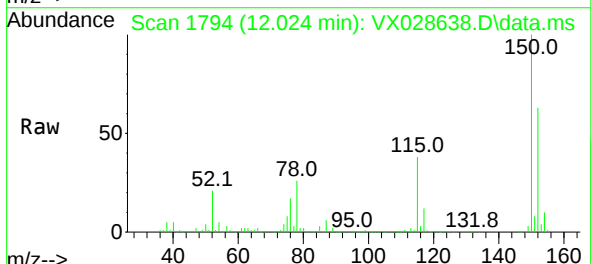
Instrument :
MSVOA_X
ClientSampleId :
IBLK

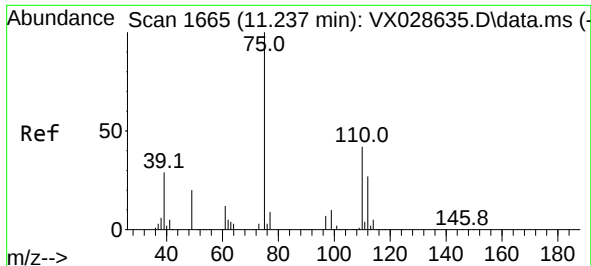
Tgt Ion:173 Resp: 77
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion:152 Resp: 199570
Ion Ratio Lower Upper
152 100
115 60.9 37.5 112.7
150 157.4 0.0 338.2

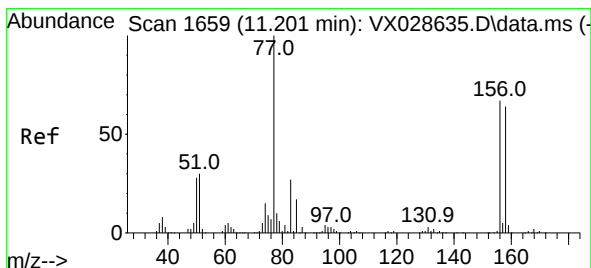
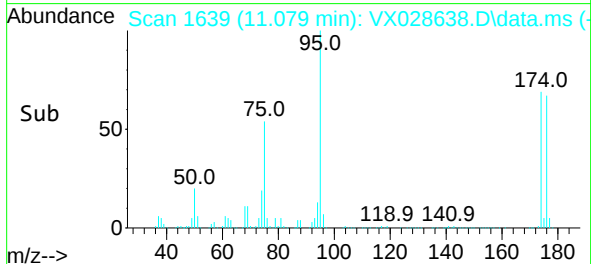
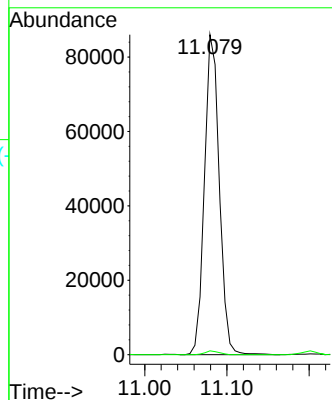
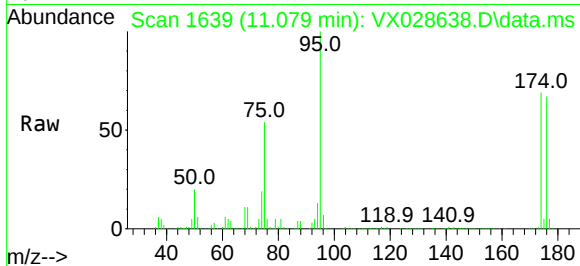




#76
1,2,3-Trichloropropane
Concen: 23.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

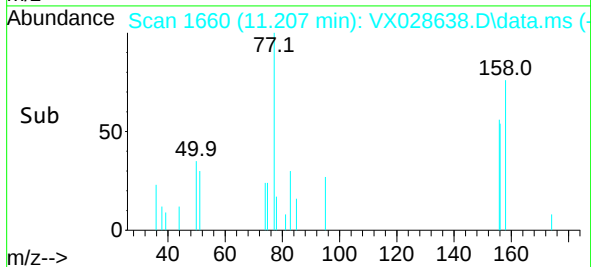
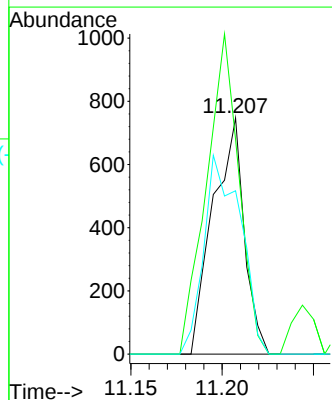
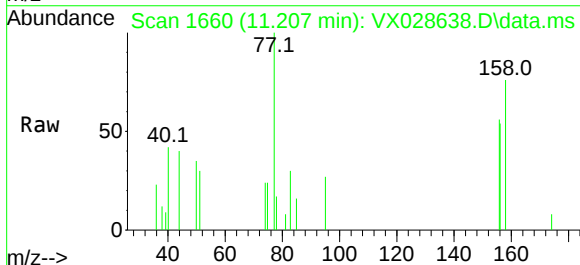
Instrument :
MSVOA_X
ClientSampleId :
IBLK

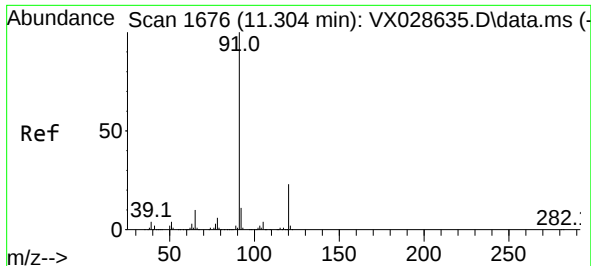
Tgt Ion: 75 Resp: 107748
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#77
Bromobenzene
Concen: 0.247 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.006 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 156 Resp: 886
Ion Ratio Lower Upper
156 100
77 141.5 78.5 235.3
158 99.1 50.2 150.7

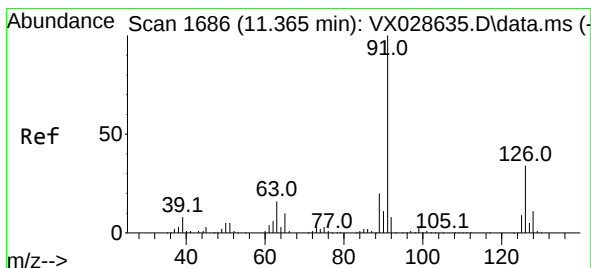
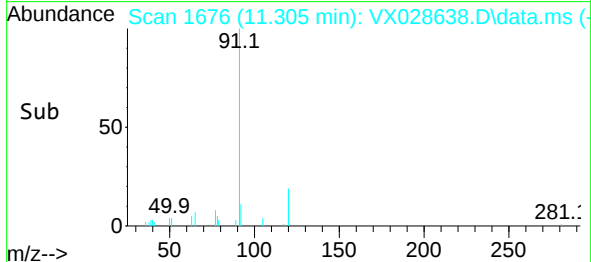
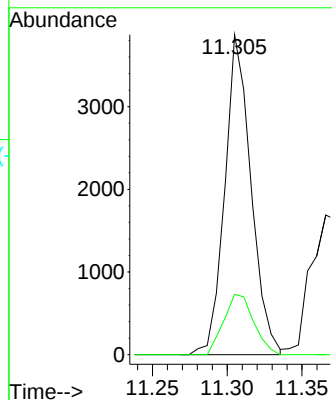
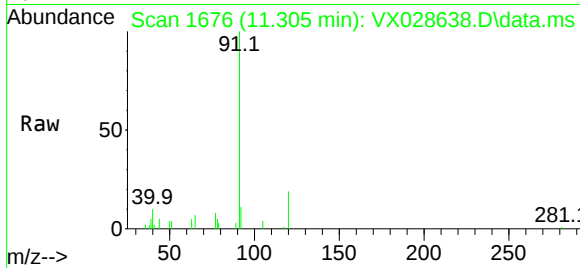




#78
n-propylbenzene
Concen: 0.270 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

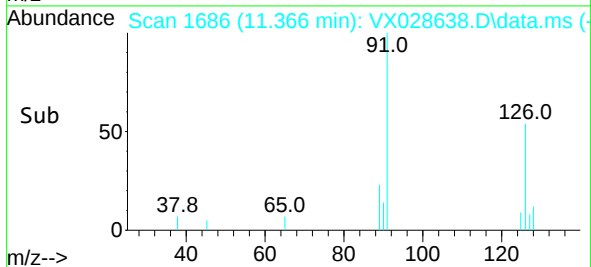
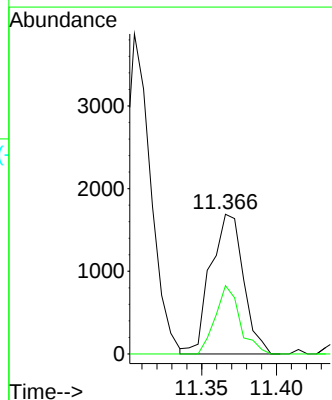
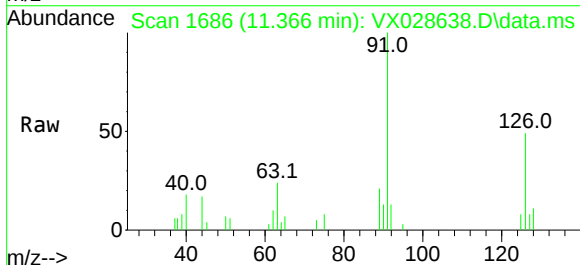
Instrument :
MSVOA_X
ClientSampleId :
IBLK

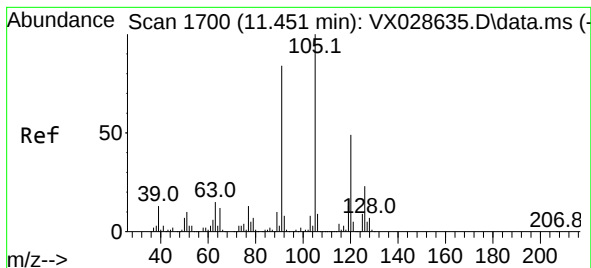
Tgt Ion: 91 Resp: 4723
Ion Ratio Lower Upper
91 100
120 21.5 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.241 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 91 Resp: 2582
Ion Ratio Lower Upper
91 100
126 36.7 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 0.220 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

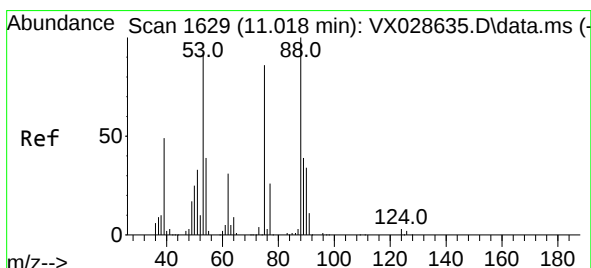
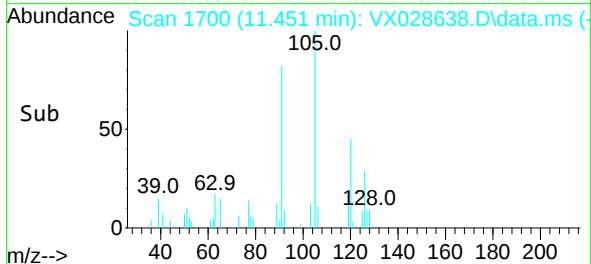
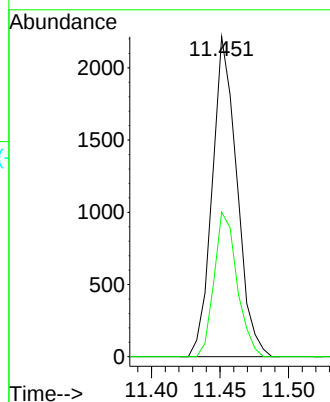
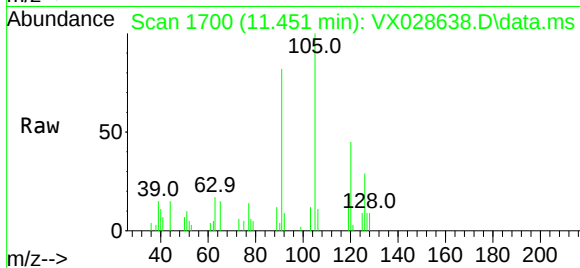
IBLK

Tgt Ion:105 Resp: 2772

Ion Ratio Lower Upper

105 100

120 41.8 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 67.322 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

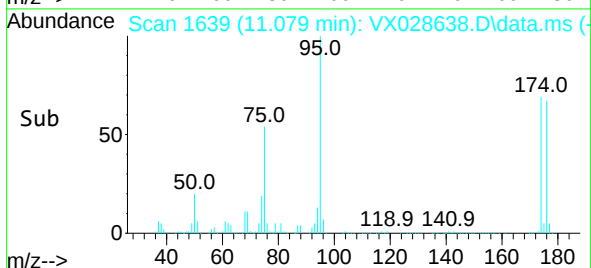
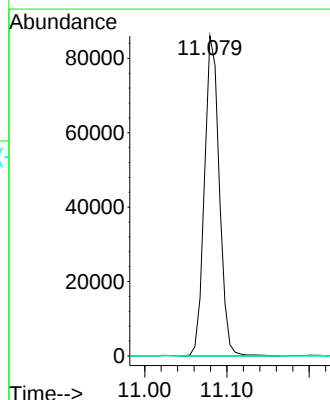
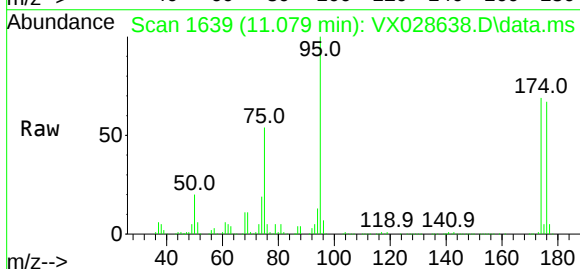
Tgt Ion: 75 Resp: 107748

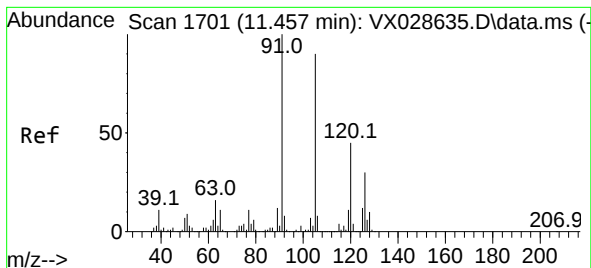
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

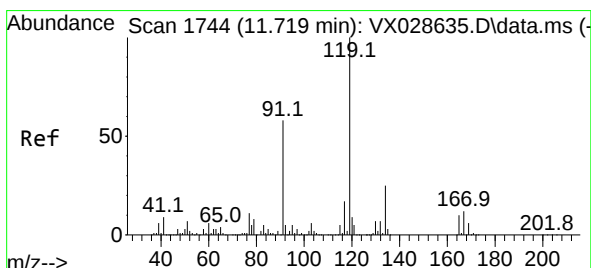
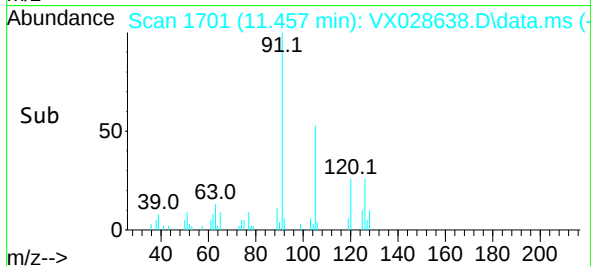
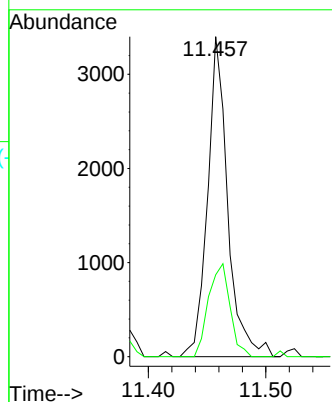
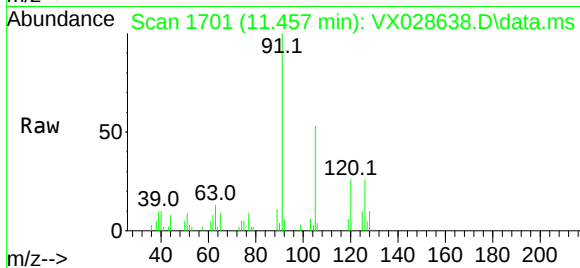




#82
4-Chlorotoluene
Concen: 0.326 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

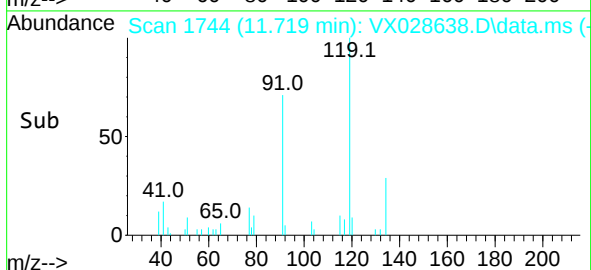
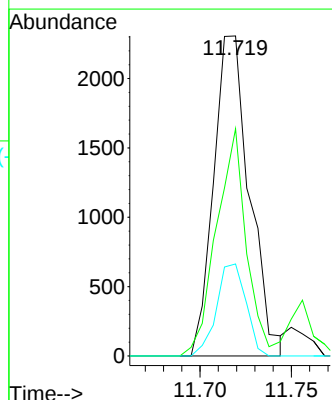
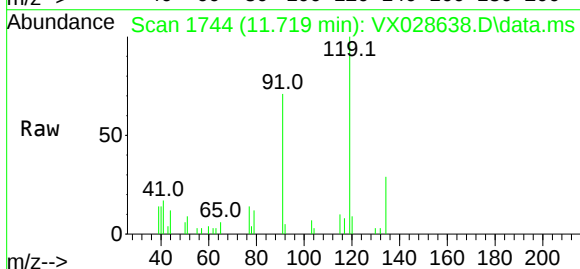
Instrument :
MSVOA_X
ClientSampleId :
IBLK

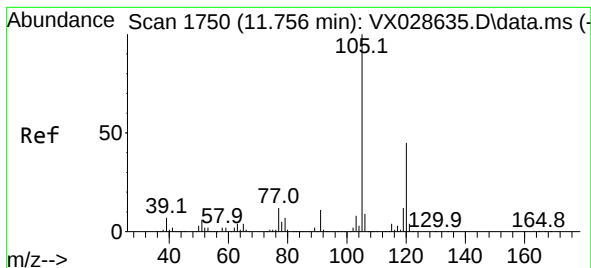
Tgt Ion: 91 Resp: 4042
Ion Ratio Lower Upper
91 100
126 31.0 14.9 44.5



#83
tert-Butylbenzene
Concen: 0.259 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 119 Resp: 3162
Ion Ratio Lower Upper
119 100
91 58.7 26.9 80.6
134 23.5 11.4 34.2





#84

1,2,4-Trimethylbenzene

Concen: 0.231 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

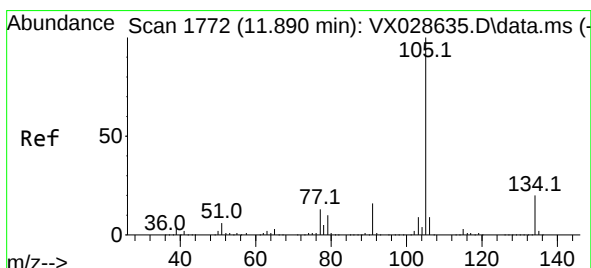
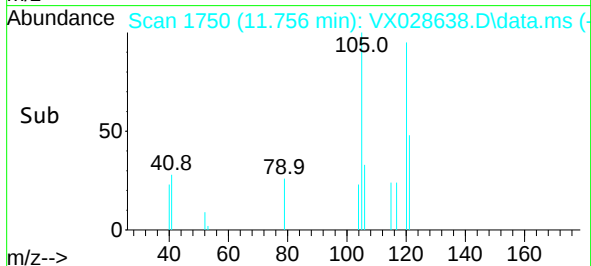
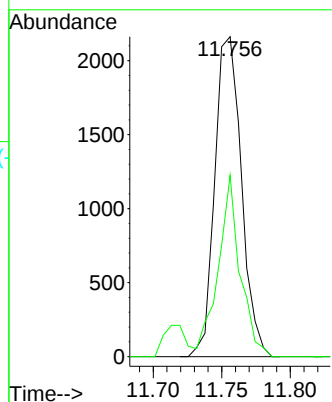
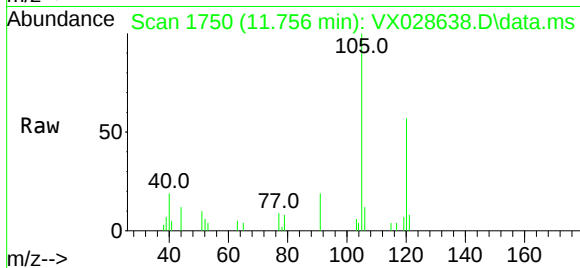
IBLK

Tgt Ion:105 Resp: 2918

Ion Ratio Lower Upper

105 100

120 46.5 22.6 67.8



#85

sec-Butylbenzene

Concen: 0.357 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX028638.D

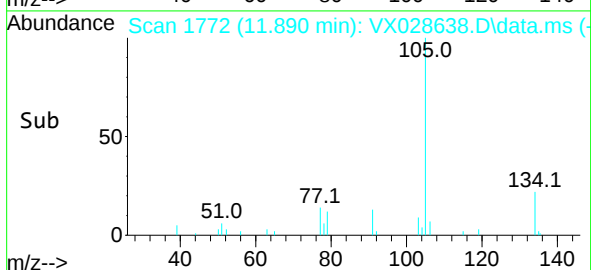
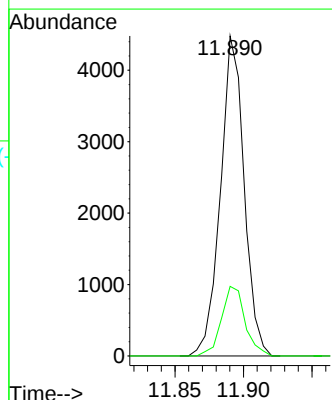
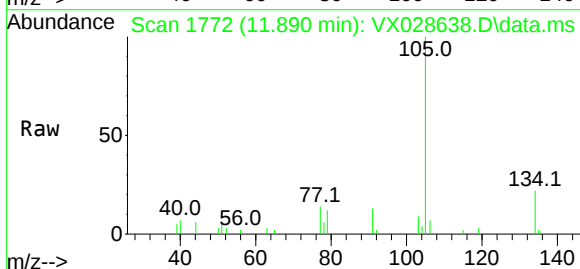
Acq: 12 May 2022 14:50

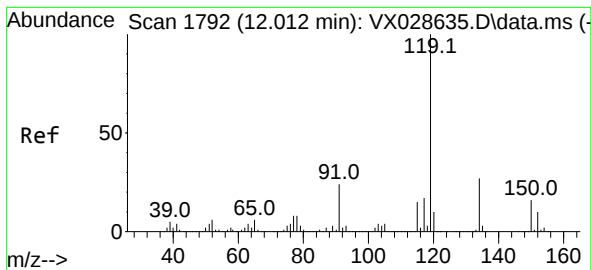
Tgt Ion:105 Resp: 5378

Ion Ratio Lower Upper

105 100

134 21.7 10.2 30.4





#86

p-Isopropyltoluene

Concen: 0.379 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

IBLK

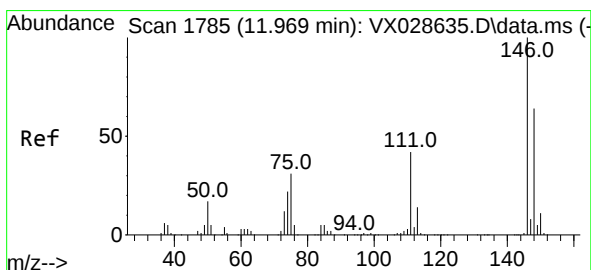
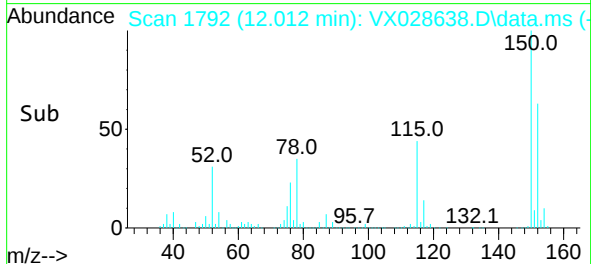
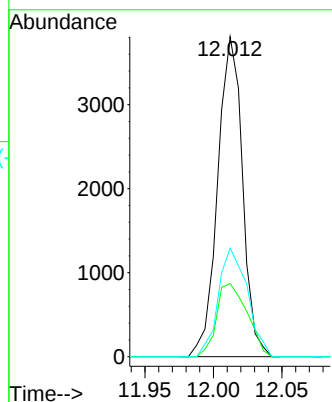
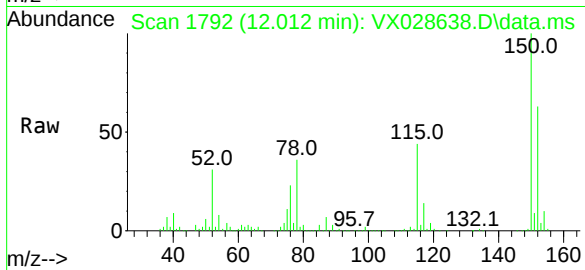
Tgt Ion:119 Resp: 4795

Ion Ratio Lower Upper

119 100

134 28.2 13.0 39.0

91 39.8 11.3 33.9#



#87

1,3-Dichlorobenzene

Concen: 0.388 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

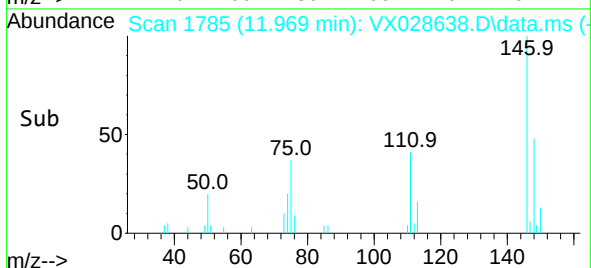
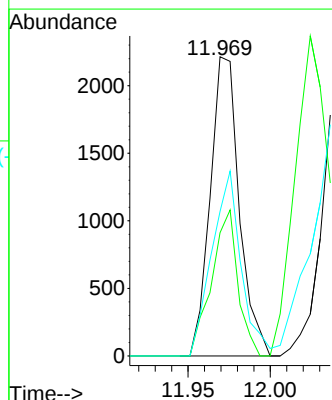
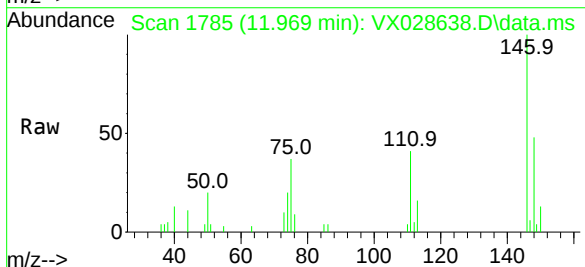
Tgt Ion:146 Resp: 2723

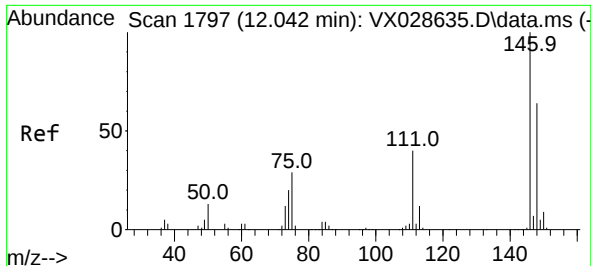
Ion Ratio Lower Upper

146 100

111 44.0 19.7 59.1

148 62.1 31.6 94.7

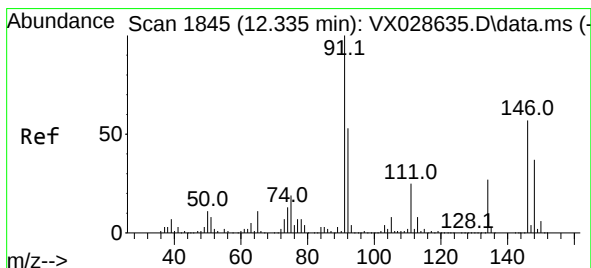
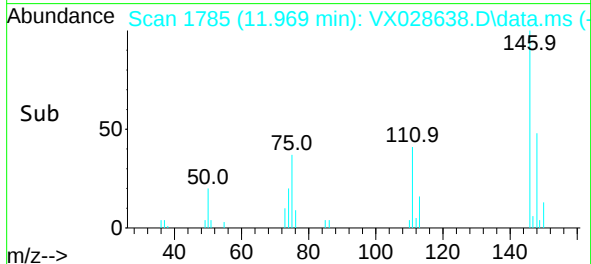
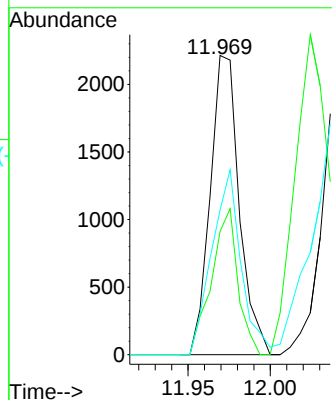
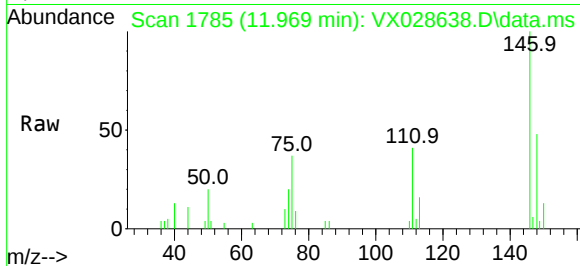




#88
1,4-Dichlorobenzene
Concen: 0.374 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

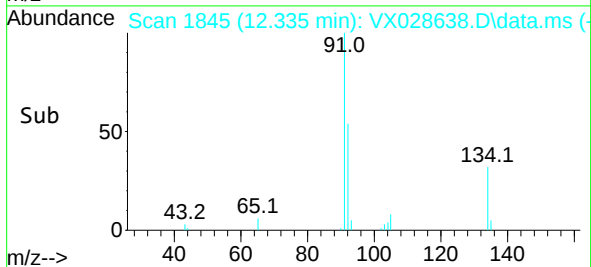
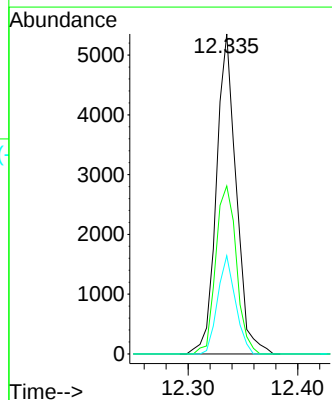
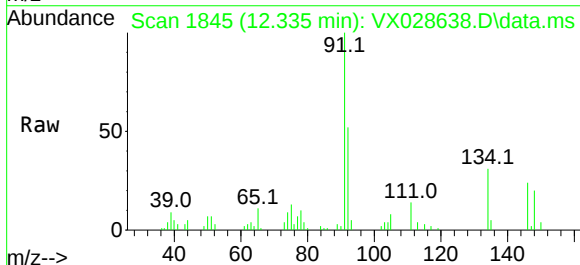
Instrument :
MSVOA_X
ClientSampleId :
IBLK

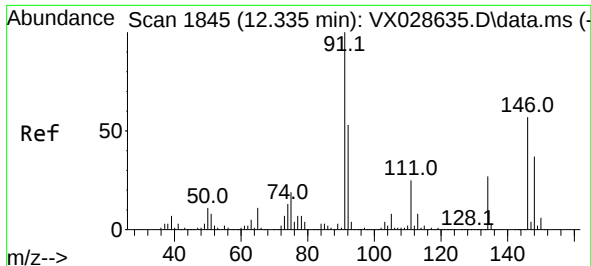
Tgt Ion:146 Resp: 2723
Ion Ratio Lower Upper
146 100
111 44.0 19.2 57.6
148 62.1 32.3 96.9



#89
n-Butylbenzene
Concen: 0.614 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028638.D
Acq: 12 May 2022 14:50

Tgt Ion: 91 Resp: 6719
Ion Ratio Lower Upper
91 100
92 54.8 27.8 83.3
134 27.6 13.3 39.8





#91

1,2-Dichlorobenzene

Concen: 0.301 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

IBLK

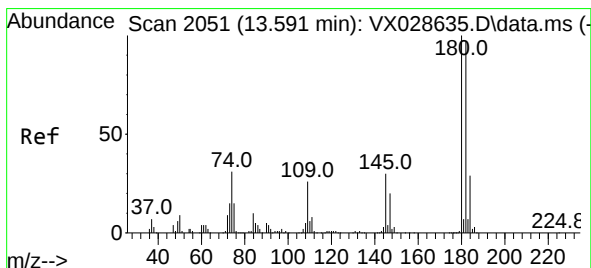
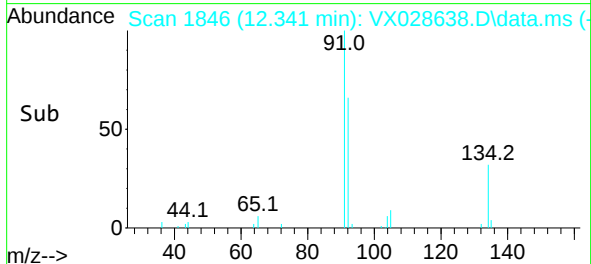
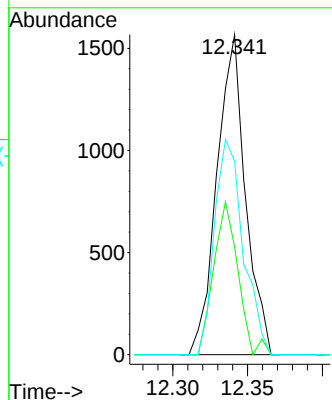
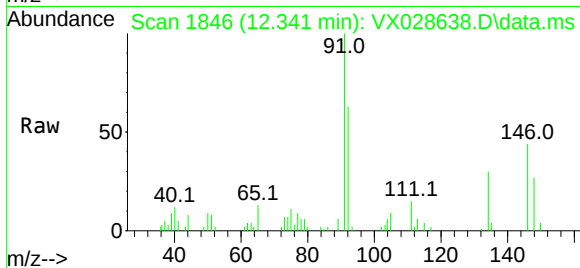
Tgt Ion:146 Resp: 2080

Ion Ratio Lower Upper

146 100

111 40.6 21.0 63.0

148 67.6 32.6 97.7



#93

1,2,4-Trichlorobenzene

Concen: 0.849 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

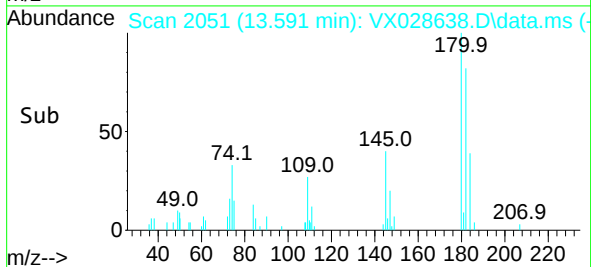
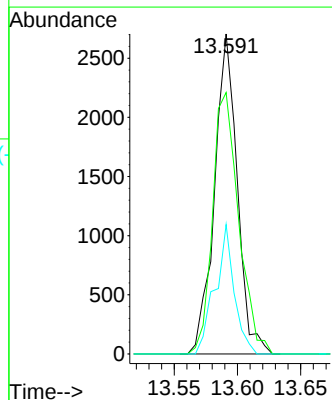
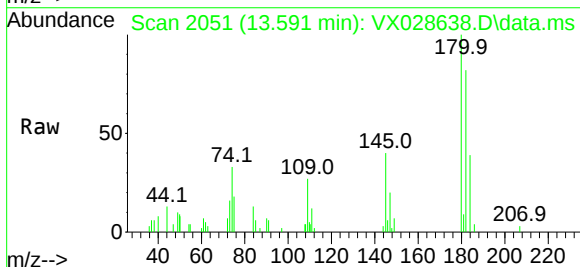
Tgt Ion:180 Resp: 3384

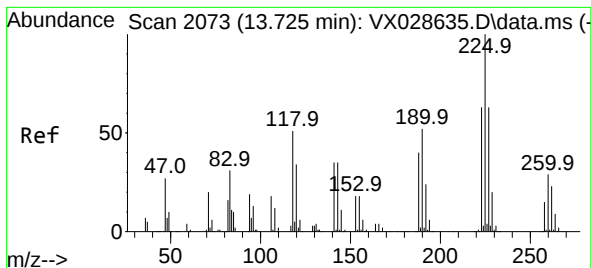
Ion Ratio Lower Upper

180 100

182 93.7 47.7 143.1

145 33.8 15.2 45.5





#94

Hexachlorobutadiene

Concen: 2.852 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

IBLK

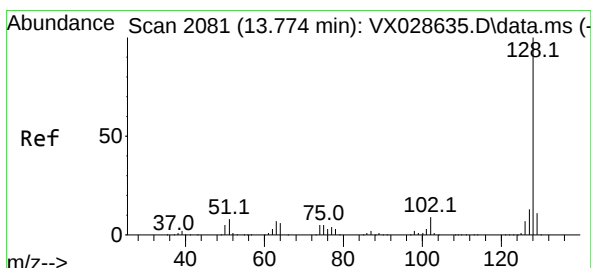
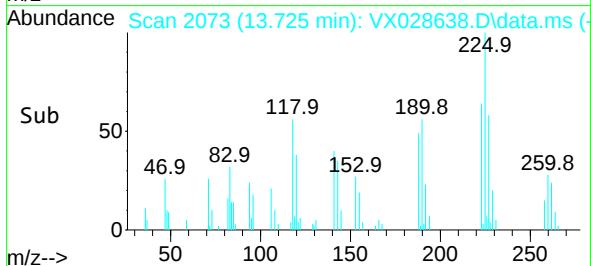
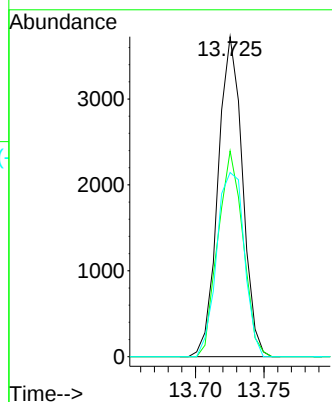
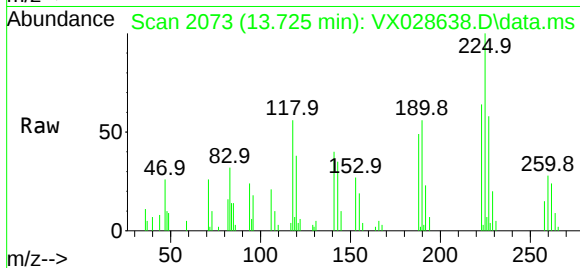
Tgt Ion:225 Resp: 4617

Ion Ratio Lower Upper

225 100

223 66.0 34.2 102.5

227 65.0 33.9 101.7



#95

Naphthalene

Concen: 0.634 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX028638.D

Acq: 12 May 2022 14:50

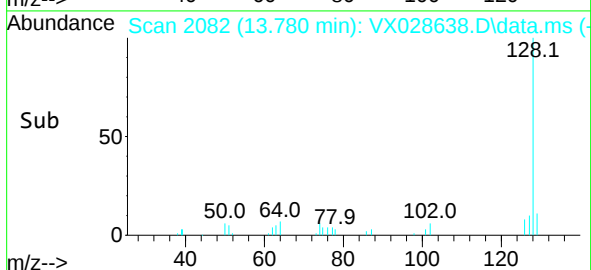
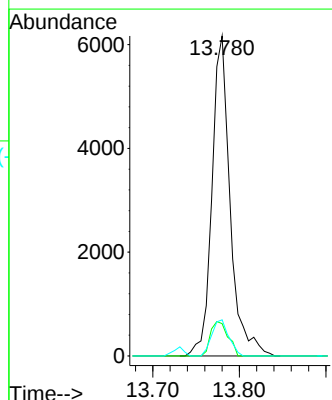
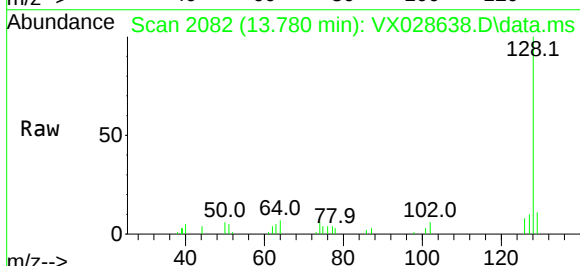
Tgt Ion:128 Resp: 8997

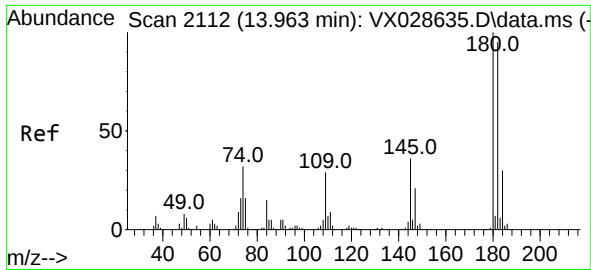
Ion Ratio Lower Upper

128 100

127 10.4 10.2 15.4

129 10.6 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.853 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028638.D

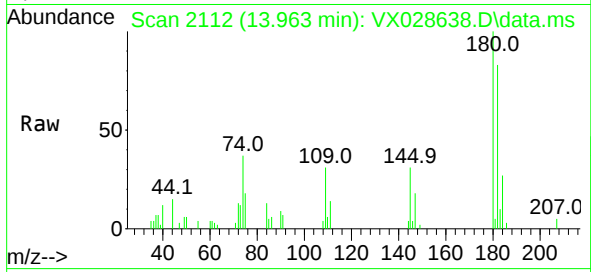
Acq: 12 May 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 3414

Ion Ratio Lower Upper

180 100

182 87.7 50.0 149.8

145 32.4 16.2 48.5

