

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030094.D
 Acq On : 15 Jul 2022 16:14
 Operator : JC/MD
 Sample : N3740-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jul 16 06:02:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

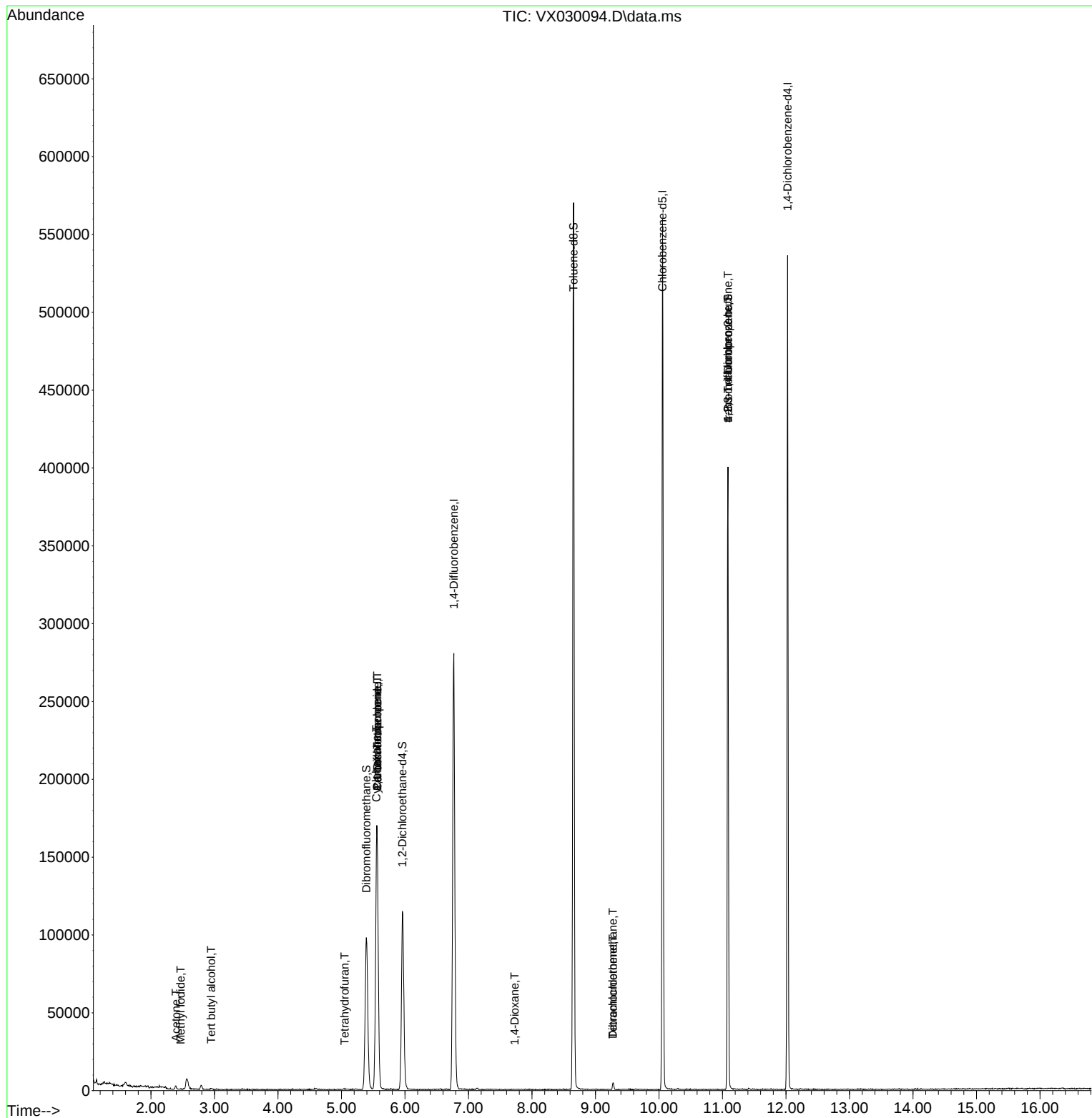
Internal Standards						
1) Pentafluorobenzene	5.562	168	162165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	291115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99841	50.582	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.160%	
35) Dibromofluoromethane	5.391	113	87313	46.949	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.900%	
50) Toluene-d8	8.653	98	337207	48.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.420%	
62) 4-Bromofluorobenzene	11.085	95	108455	44.682	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.360%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	243	2.550	ug/l #	45
11) Tert butyl alcohol	2.947	59	279	0.548	ug/l #	74
16) Acetone	2.392	43	2174	2.337	ug/l #	88
17) Carbon Disulfide	2.520	76	182	Below Cal	#	74
20) Methylene Chloride	2.794	84	1364	Below Cal		97
29) Tetrahydrofuran	5.050	42	407	0.379	ug/l #	41
31) Cyclohexane	5.550	56	3260	1.139	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12673	5.276	ug/l #	48
38) Carbon Tetrachloride	5.562	117	16222	7.241	ug/l #	18
49) 1,4-Dioxane	7.726	88	56	1.006	ug/l #	37
60) Dibromochloromethane	9.275	129	795	0.412	ug/l #	11
64) Tetrachloroethene	9.275	164	909	0.447	ug/l #	61
76) 1,2,3-Trichloropropane	11.085	75	51888	21.382	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51888	61.708	ug/l #	12

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

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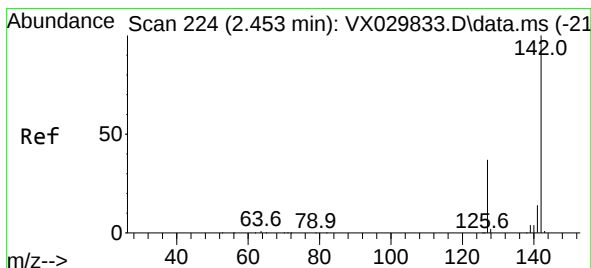
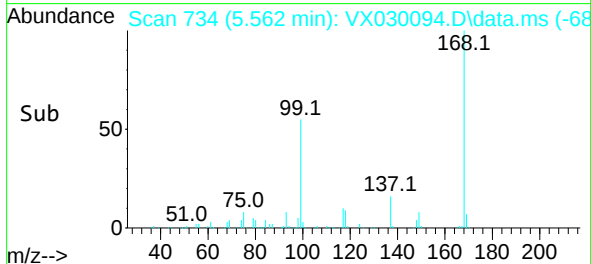
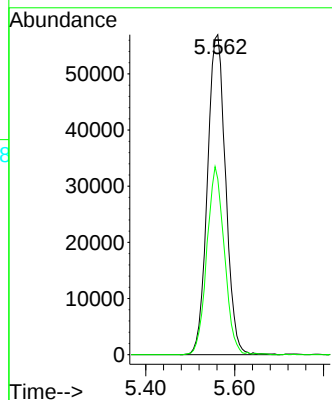
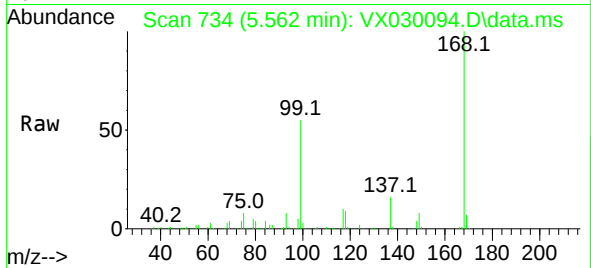




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

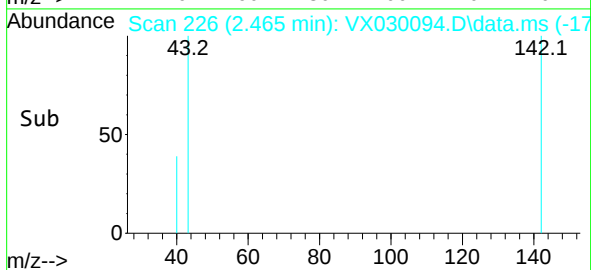
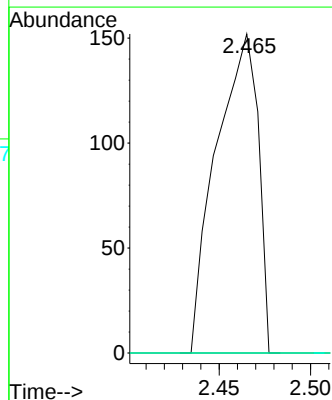
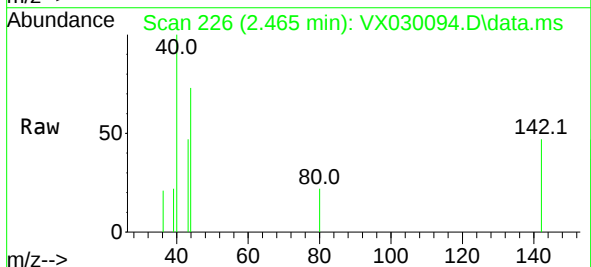
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

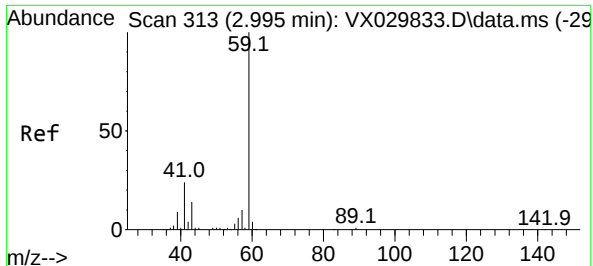
Tgt Ion:168 Resp: 162165
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#10
Methyl Iodide
Concen: 2.550 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

Tgt Ion:142 Resp: 243
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.548 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.048 min

Lab File: VX030094.D

Acq: 15 Jul 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

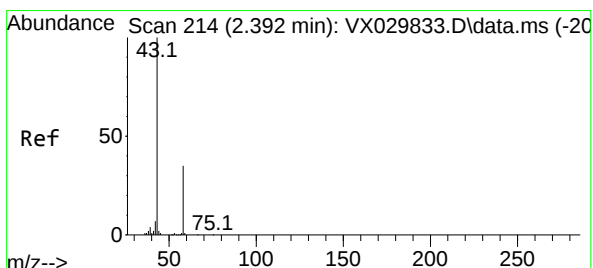
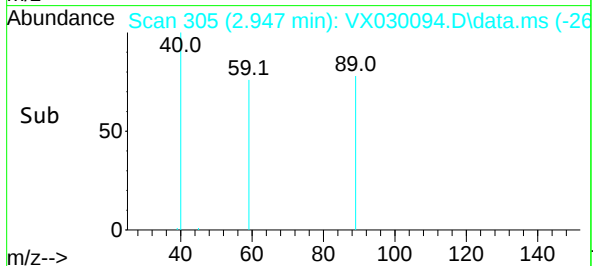
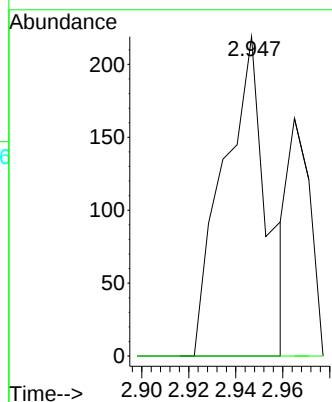
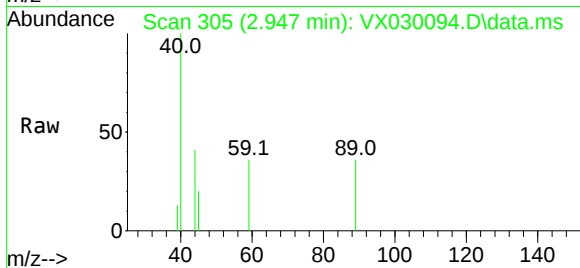
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 59 Resp: 279

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 2.337 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX030094.D

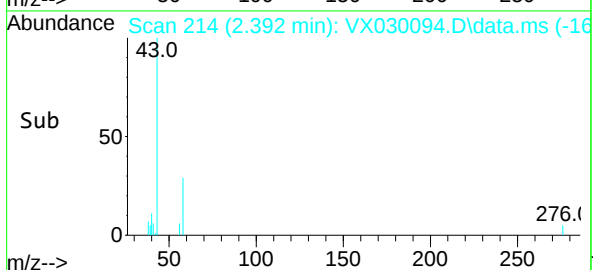
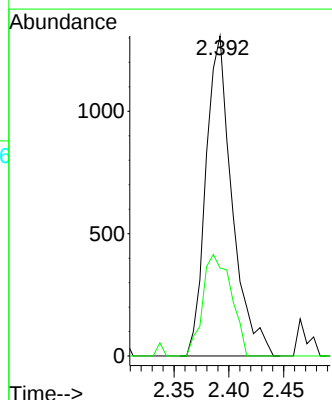
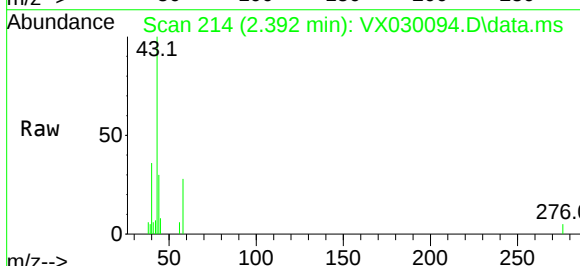
Acq: 15 Jul 2022 16:14

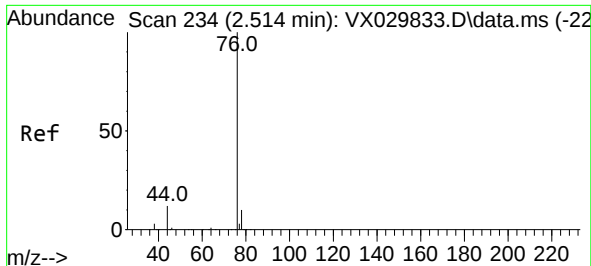
Tgt Ion: 43 Resp: 2174

Ion Ratio Lower Upper

43 100

58 27.5 27.7 41.5#





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030094.D

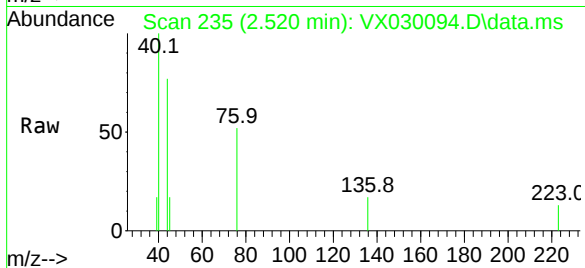
Acq: 15 Jul 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

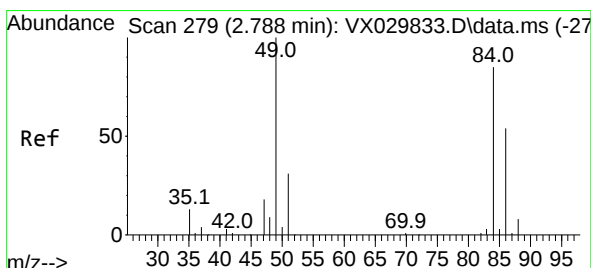
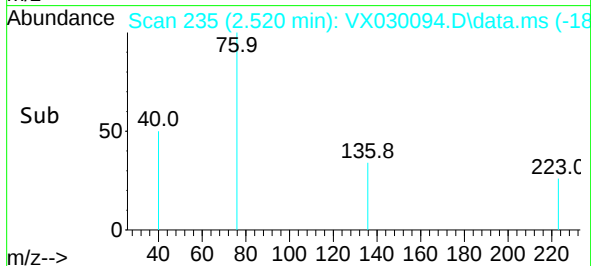
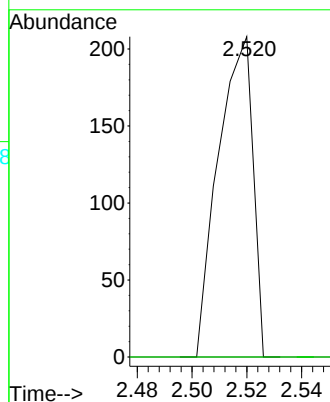


Tgt Ion: 76 Resp: 182

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX030094.D

Acq: 15 Jul 2022 16:14

Tgt Ion: 84 Resp: 1364

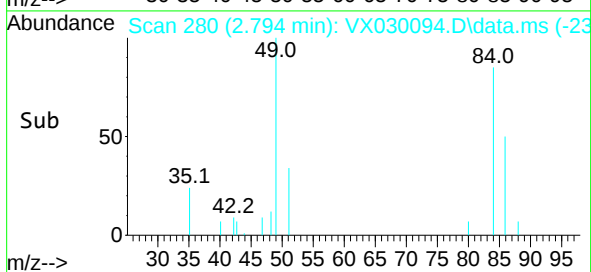
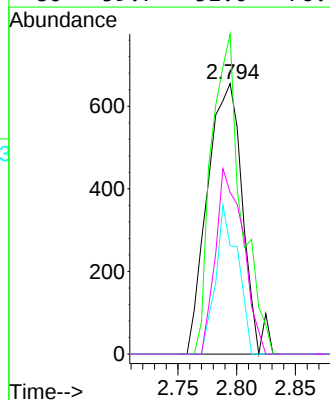
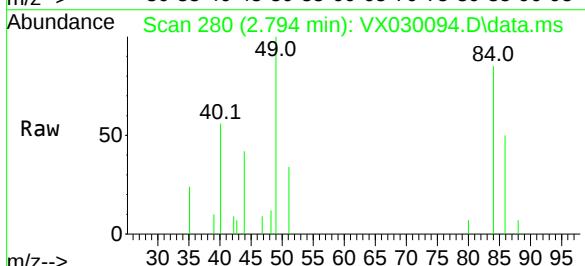
Ion Ratio Lower Upper

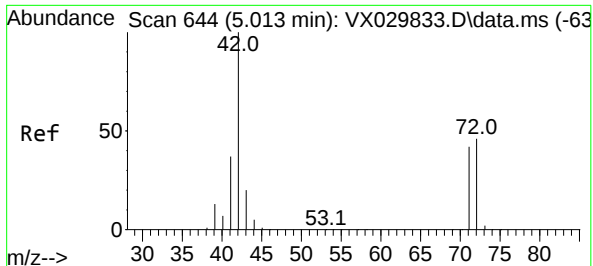
84 100

49 118.3 93.8 140.6

51 40.0 29.4 44.0

86 59.7 51.0 76.4





#29

Tetrahydrofuran

Concen: 0.379 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

Lab File: VX030094.D

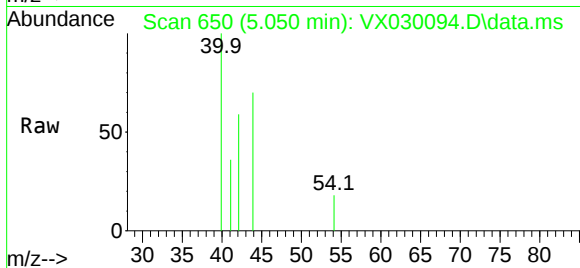
Acq: 15 Jul 2022 16:14

Instrument :

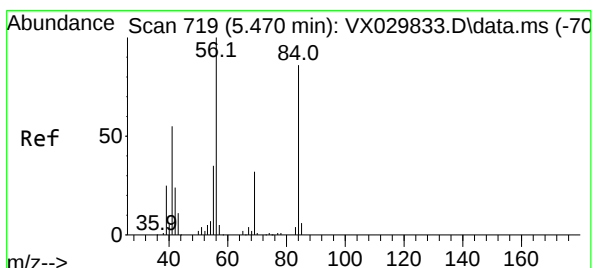
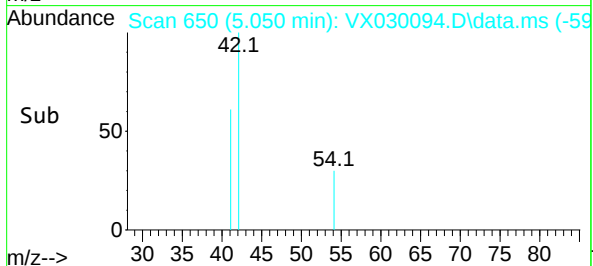
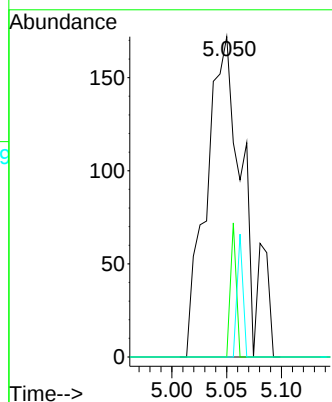
MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	42	Resp:	407
Ion	Ratio	Lower	Upper
42	100		
72	6.4	36.5	54.7#
71	5.9	33.9	50.9#



#31

Cyclohexane

Concen: 1.139 ug/l

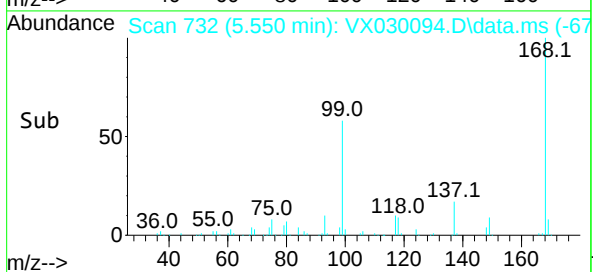
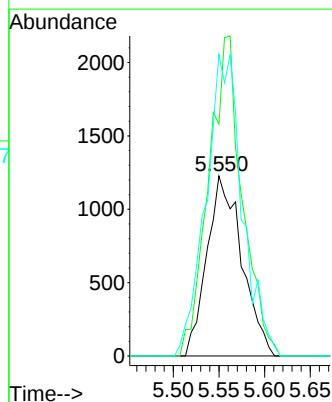
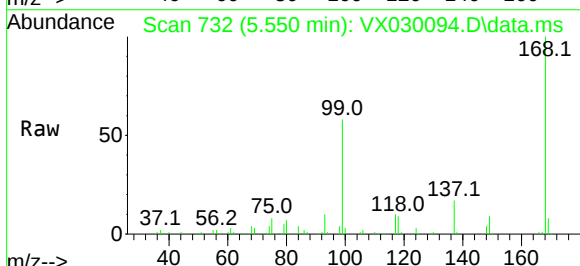
RT: 5.550 min Scan# 732

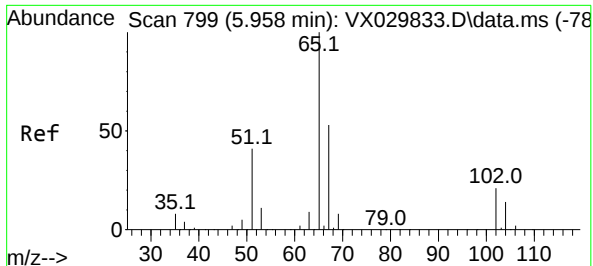
Delta R.T. 0.080 min

Lab File: VX030094.D

Acq: 15 Jul 2022 16:14

Tgt Ion:	56	Resp:	3260
Ion	Ratio	Lower	Upper
56	100		
69	128.7	25.4	38.0#
84	167.4	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.582 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030094.D

Acq: 15 Jul 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

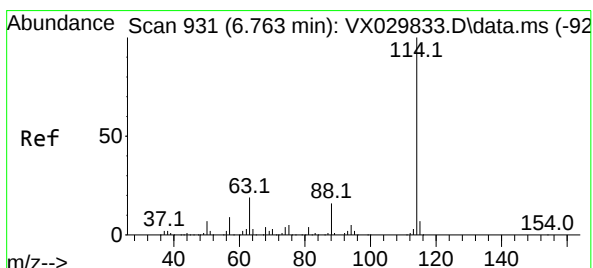
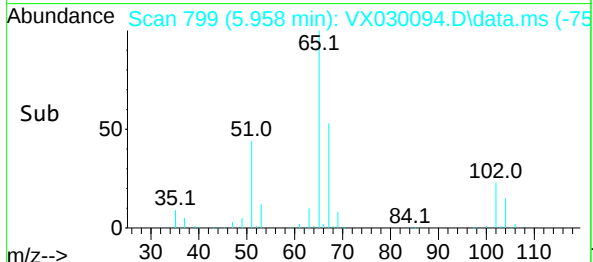
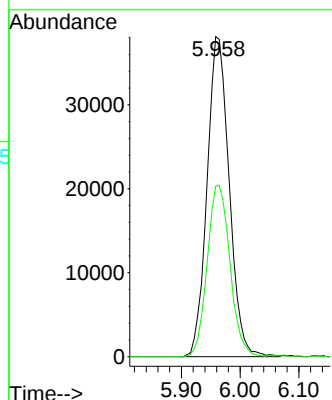
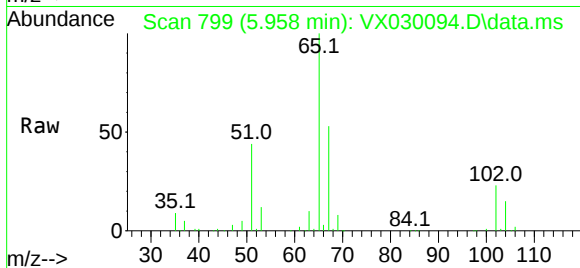
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 99841

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030094.D

Acq: 15 Jul 2022 16:14

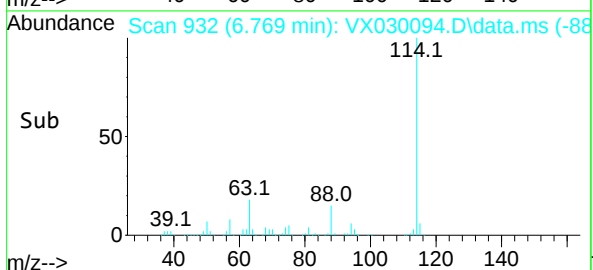
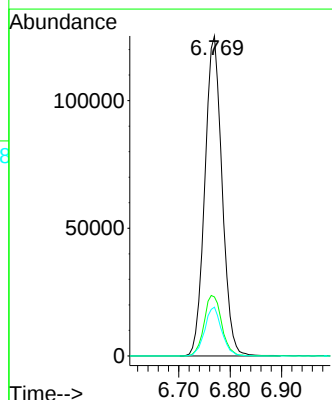
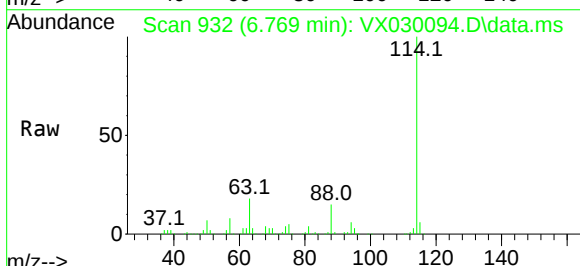
Tgt Ion: 114 Resp: 291115

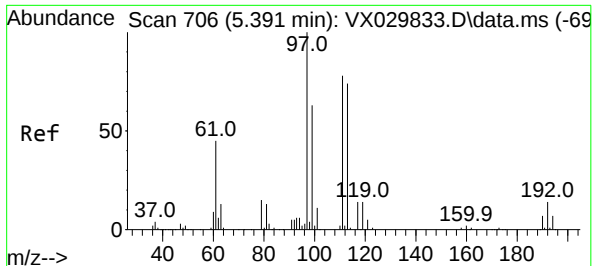
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.949 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030094.D

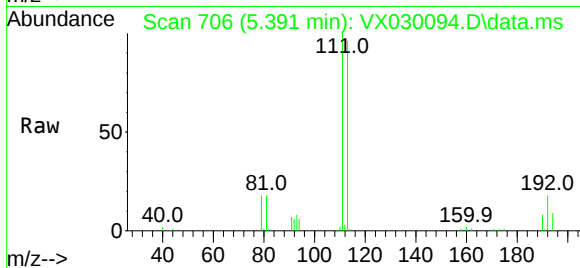
Acq: 15 Jul 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



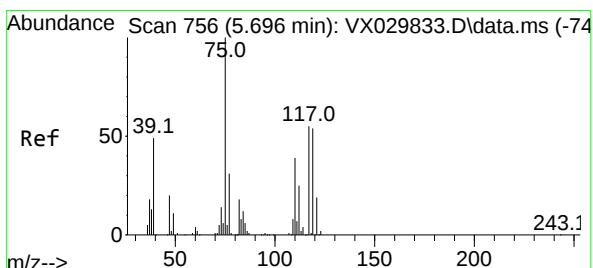
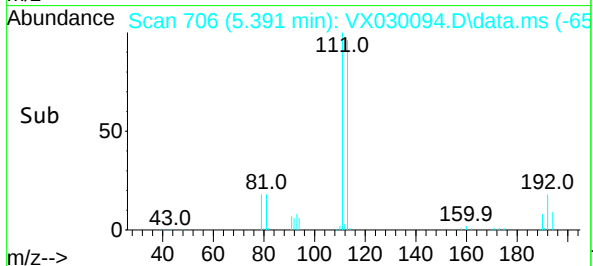
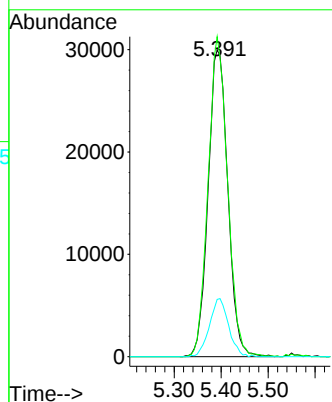
Tgt Ion:113 Resp: 87313

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

192 18.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.276 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030094.D

Acq: 15 Jul 2022 16:14

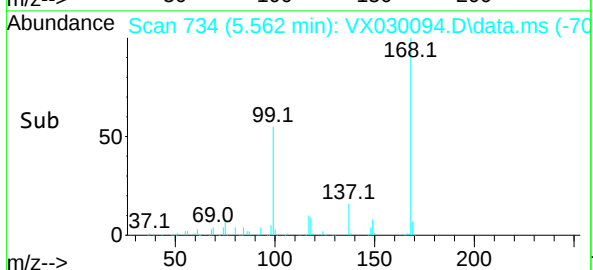
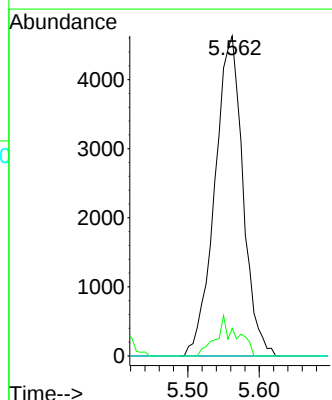
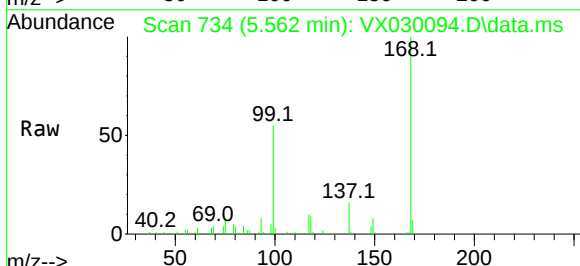
Tgt Ion: 75 Resp: 12673

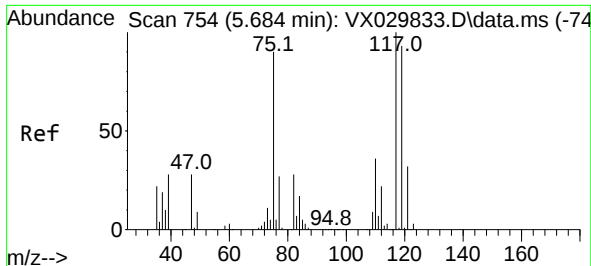
Ion Ratio Lower Upper

75 100

110 9.3 19.3 57.9#

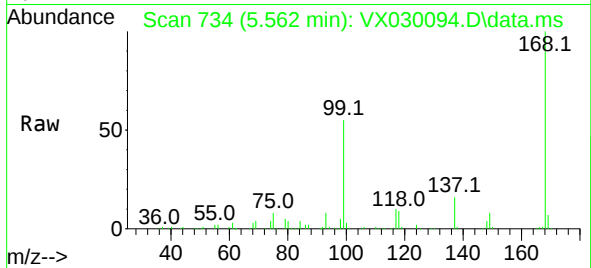
77 0.0 24.4 36.6#



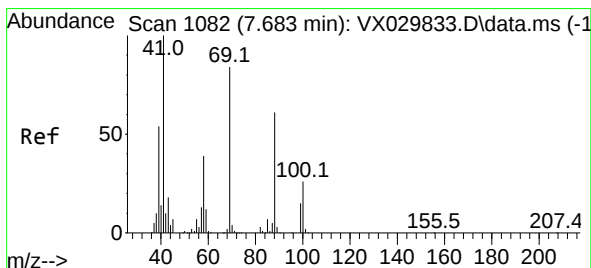
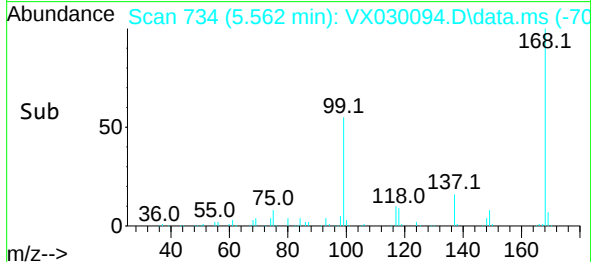
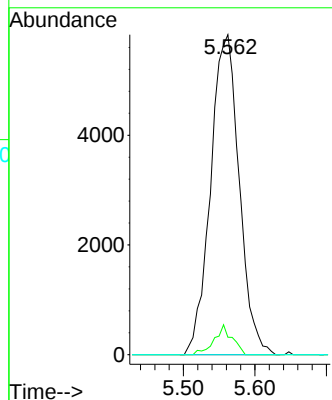


#38
Carbon Tetrachloride
Concen: 7.241 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

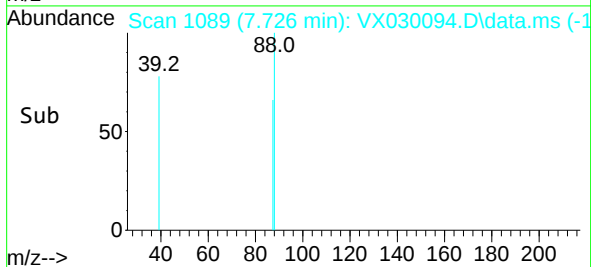
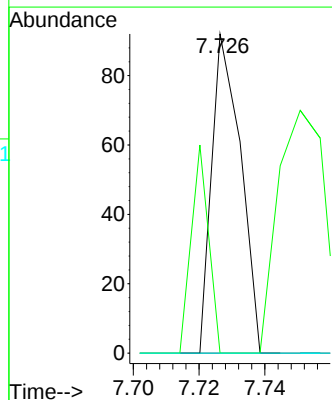
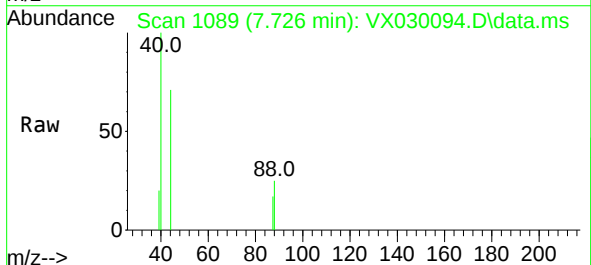


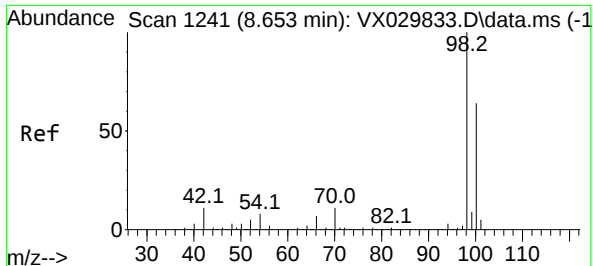
Tgt Ion:117 Resp: 16222
Ion Ratio Lower Upper
117 100
119 5.4 74.1 111.1#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 1.006 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.043 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 39.3 23.8 35.8#
58 0.0 53.8 80.6#

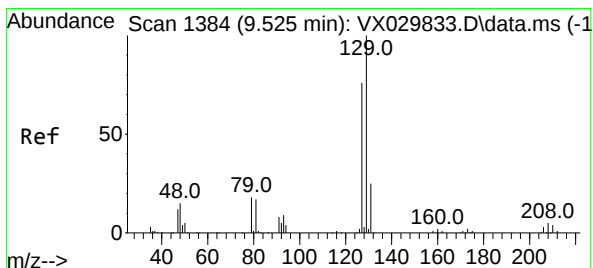
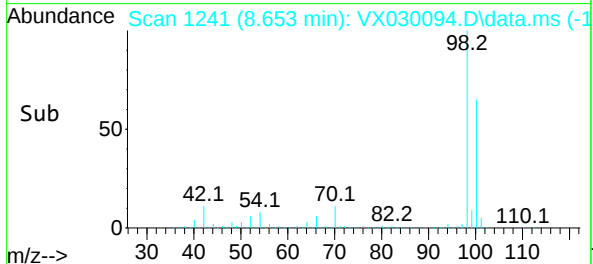
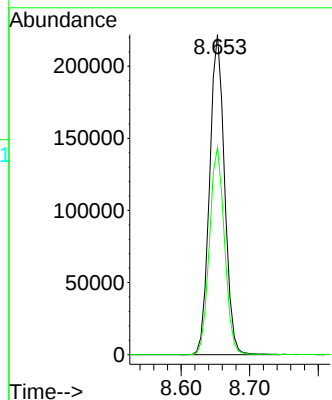
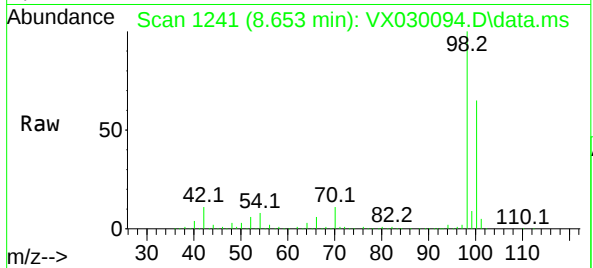




#50
Toluene-d8
Concen: 48.211 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

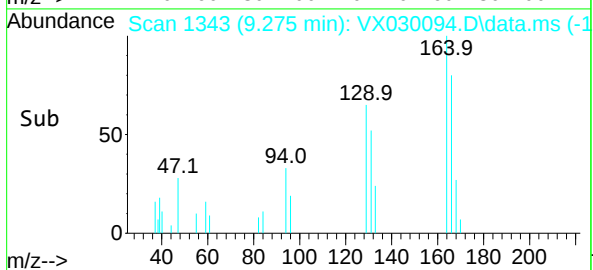
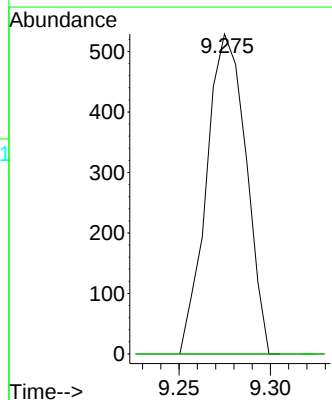
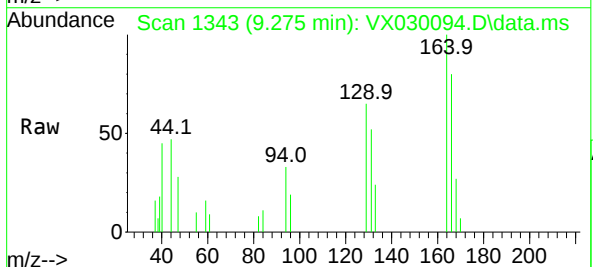
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

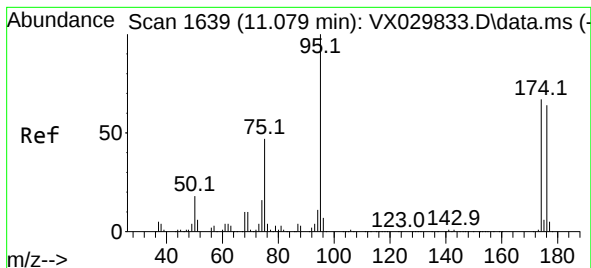
Tgt Ion: 98 Resp: 337207
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#60
Dibromochloromethane
Concen: 0.412 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

Tgt Ion:129 Resp: 795
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

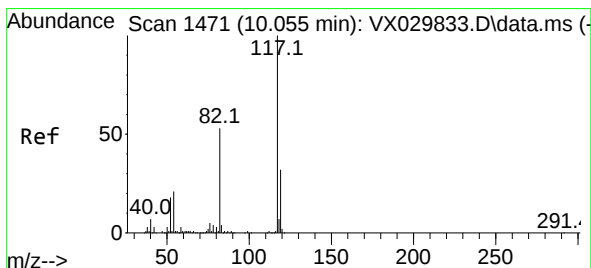
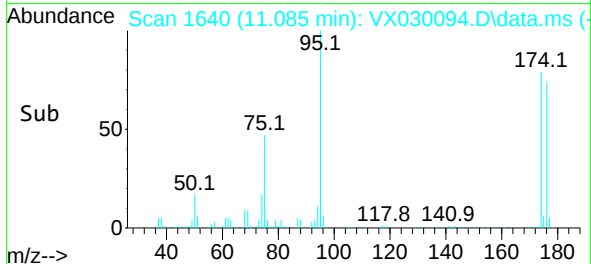
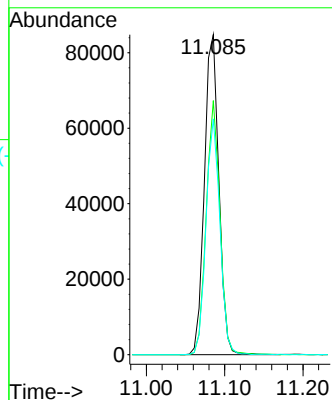
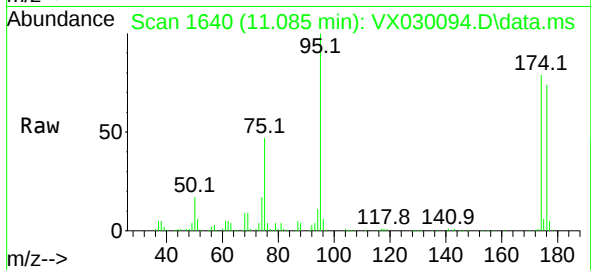




#62
4-Bromofluorobenzene
Concen: 44.682 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

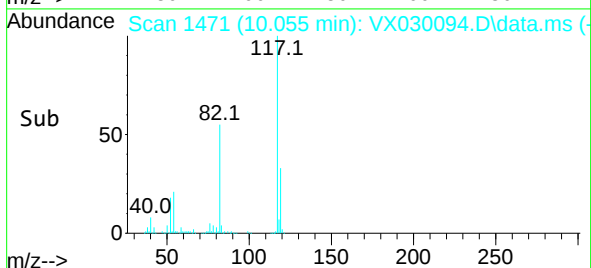
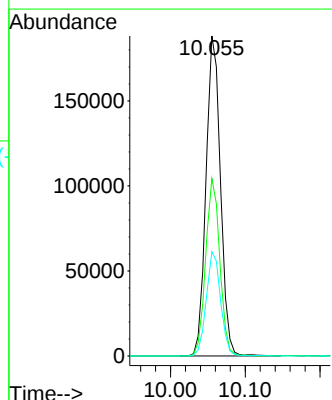
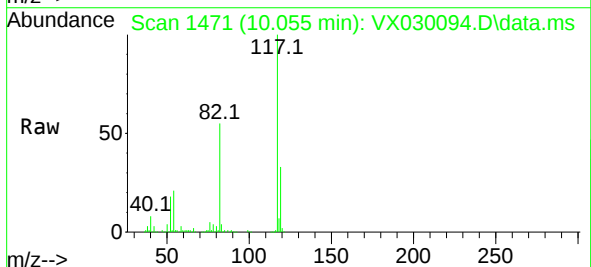
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

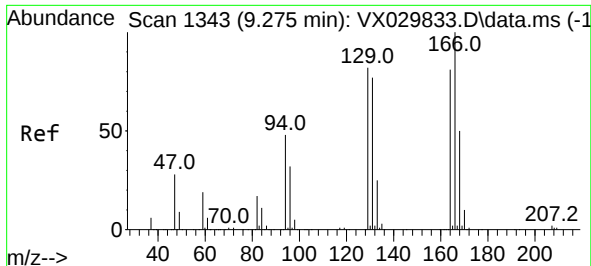
Tgt Ion: 95 Resp: 108455
Ion Ratio Lower Upper
95 100
174 75.7 0.0 149.0
176 70.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

Tgt Ion: 117 Resp: 253282
Ion Ratio Lower Upper
117 100
82 55.5 42.7 64.1
119 32.5 25.4 38.2

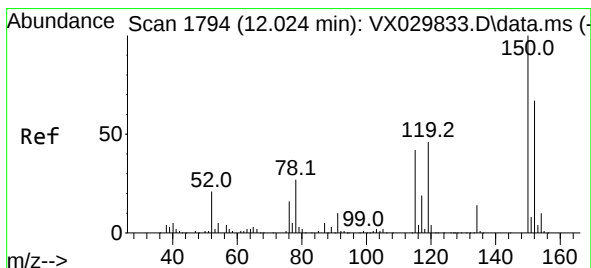
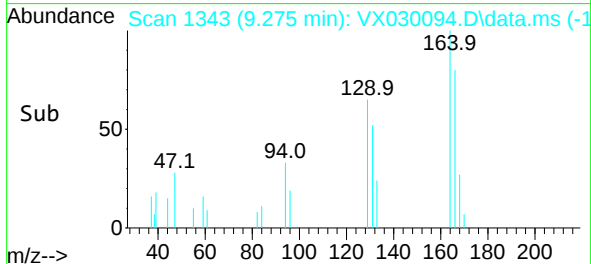
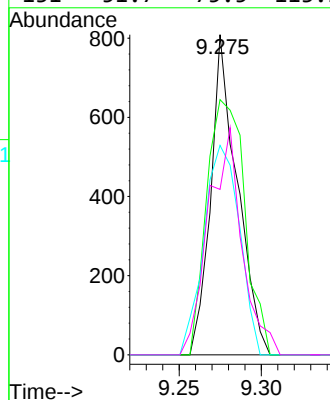
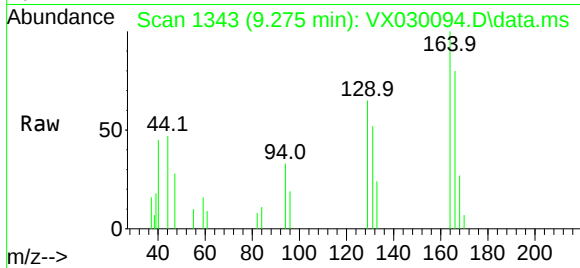




#64
Tetrachloroethene
Concen: 0.447 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

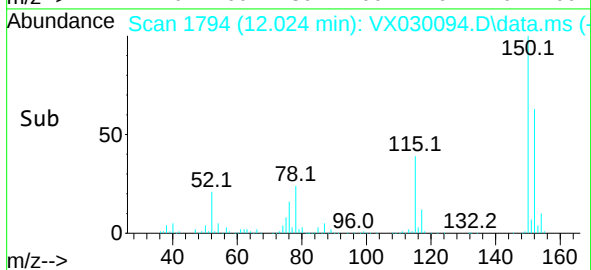
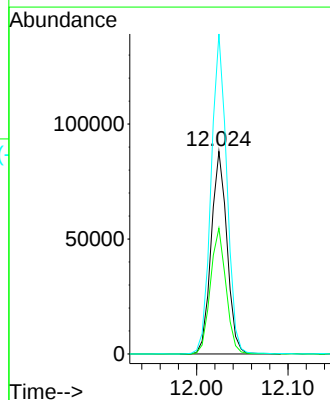
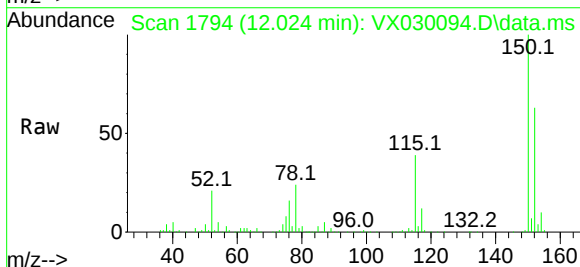
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

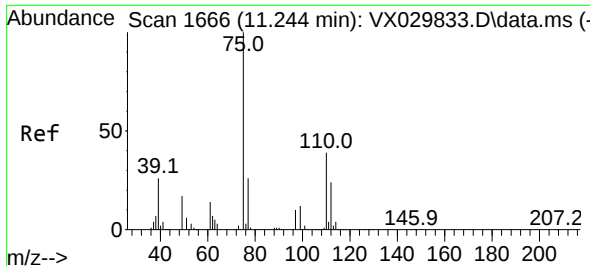
Tgt Ion:164	Resp:	909
Ion	Ratio	Lower Upper
164	100	
166	79.7	98.2 147.4#
129	65.4	80.8 121.2#
131	51.7	75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

Tgt Ion:152	Resp:	105545
Ion	Ratio	Lower Upper
152	100	
115	61.0	40.5 121.5
150	156.7	0.0 347.0

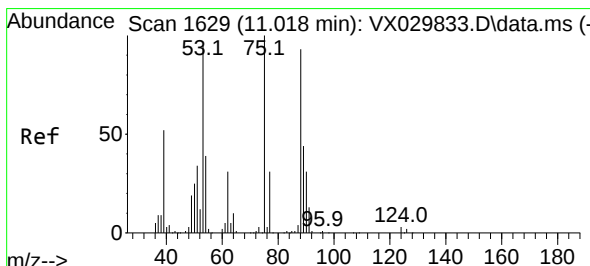
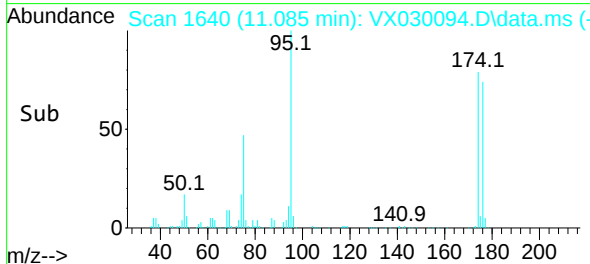
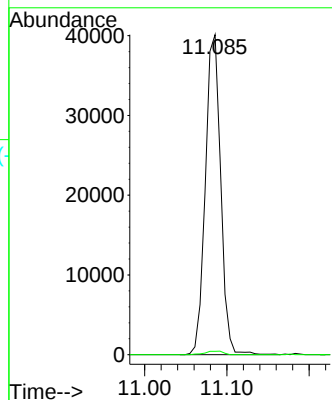
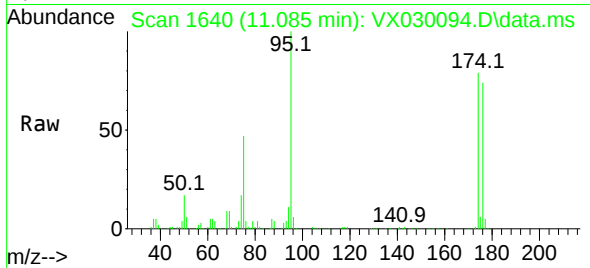




#76
1,2,3-Trichloropropane
Concen: 21.382 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 51888
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.708 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030094.D
Acq: 15 Jul 2022 16:14

Tgt Ion: 75 Resp: 51888
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

