

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031609.D
 Acq On : 23 Sep 2022 07:37
 Operator : JC/MD
 Sample : N4691-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

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

Quant Time: Sep 23 09:20:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

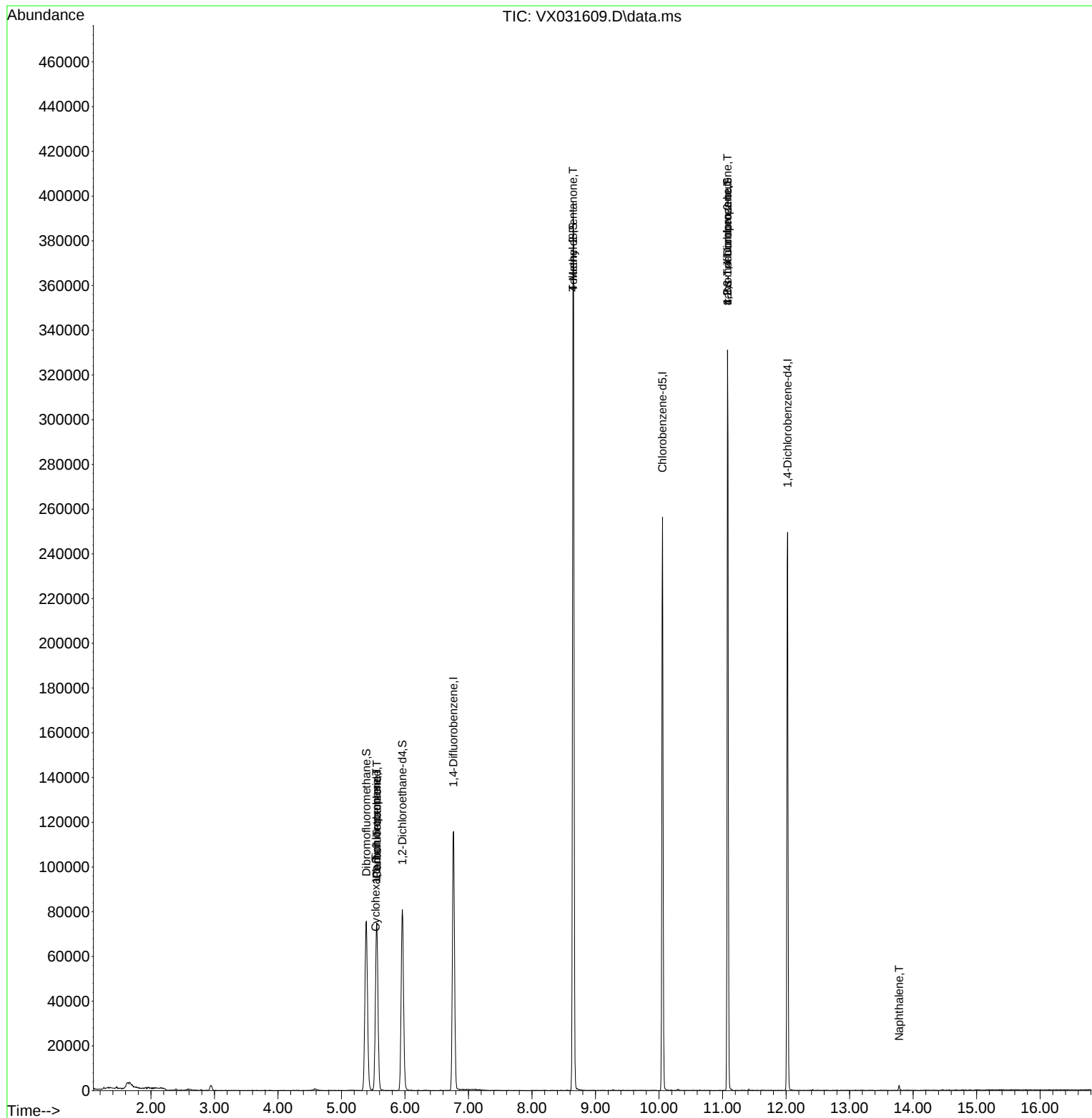
Internal Standards						
1) Pentafluorobenzene	5.556	168	72913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121117	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71302	53.295	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.580%	
35) Dibromofluoromethane	5.391	113	62039	49.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.100%	
50) Toluene-d8	8.647	98	235241	48.750	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	11.079	95	71419	43.694	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.380%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	151	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	1275	Below Cal	#	73
16) Acetone	2.398	43	769	Below Cal	#	88
20) Methylene Chloride	2.782	84	136	Below Cal	#	32
31) Cyclohexane	5.538	56	1703	0.859	ug/l #	63
36) 1,1-Dichloropropene	5.550	75	5658	2.939	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7111	3.332	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1132	0.499	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.085	83	179	Below Cal	#	14
76) 1,2,3-Trichloropropane	11.079	75	41684	37.293	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	41684	120.079	ug/l #	11
95) Naphthalene	13.780	128	1857	0.517	ug/l #	82

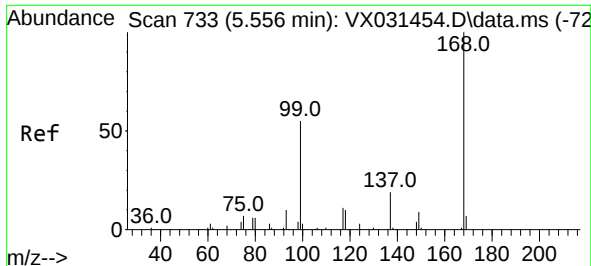
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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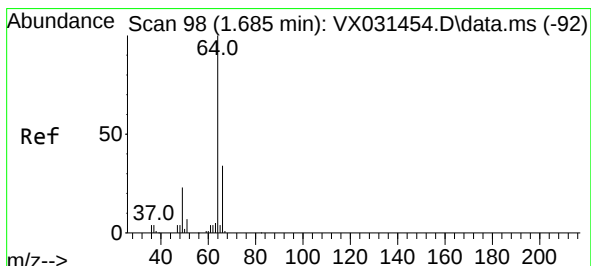
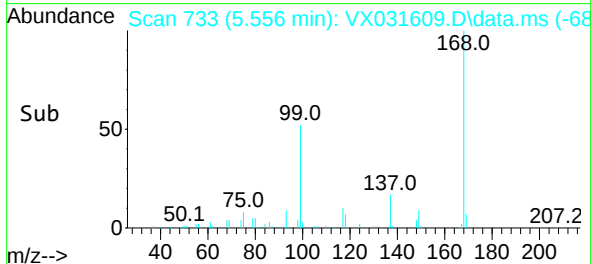
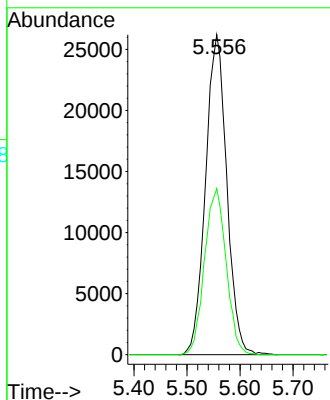
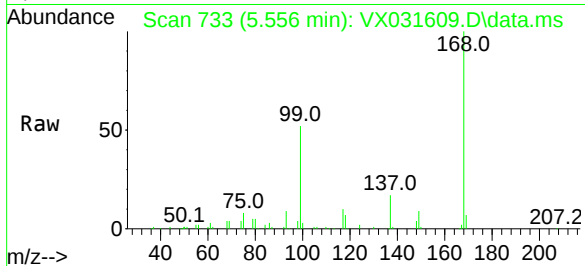




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

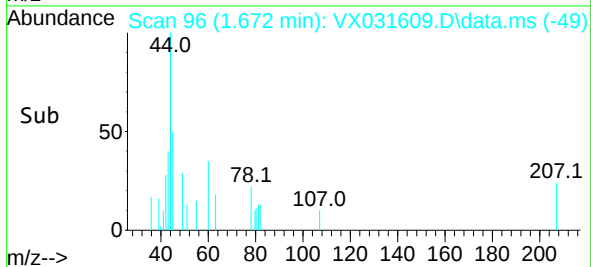
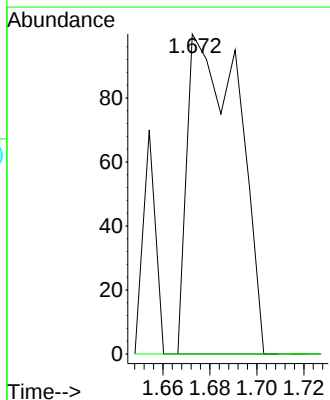
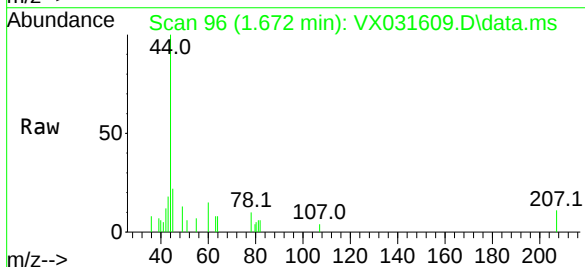
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

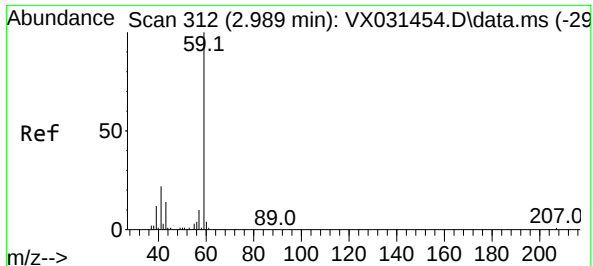
Tgt Ion:168 Resp: 72913
Ion Ratio Lower Upper
168 100
99 51.9 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

Tgt Ion: 64 Resp: 151
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.048 min

Lab File: VX031609.D

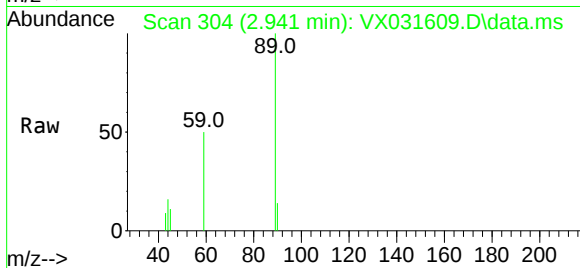
Acq: 23 Sep 2022 07:37

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

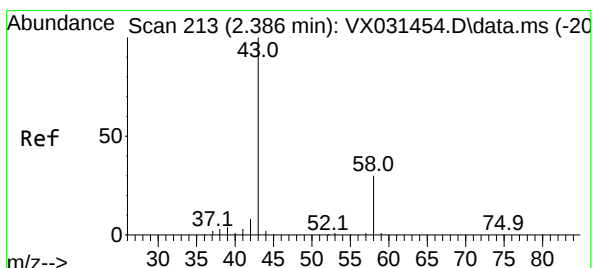
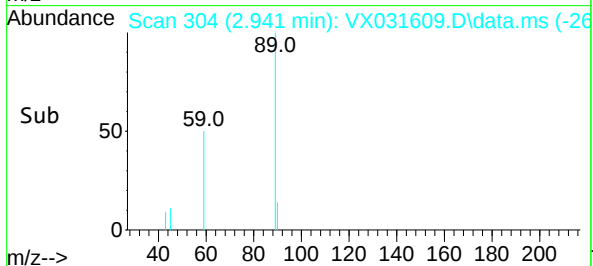
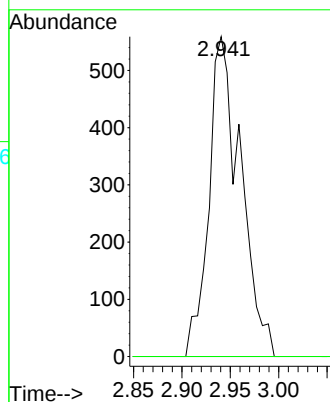


Tgt Ion: 59 Resp: 1275

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.398 min Scan# 215

Delta R.T. 0.012 min

Lab File: VX031609.D

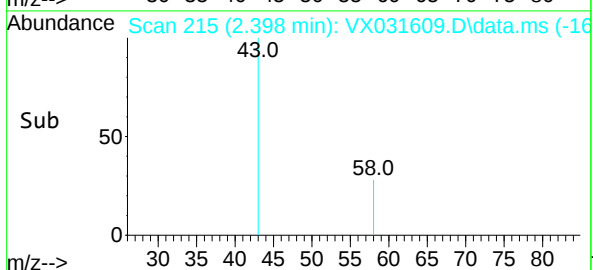
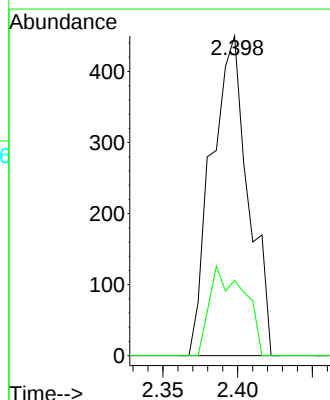
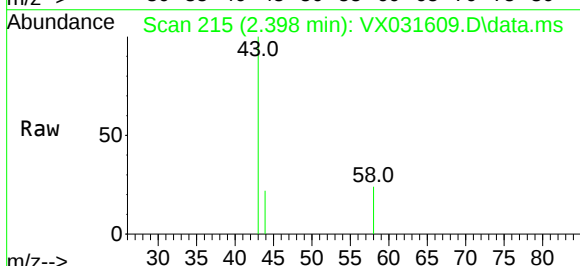
Acq: 23 Sep 2022 07:37

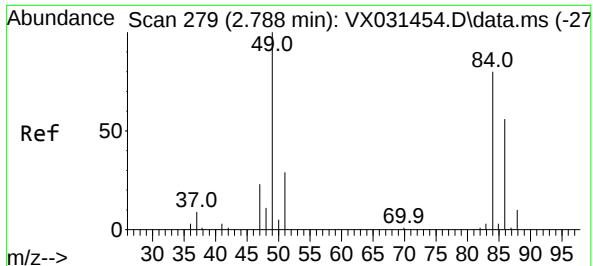
Tgt Ion: 43 Resp: 769

Ion Ratio Lower Upper

43 100

58 23.6 23.8 35.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031609.D

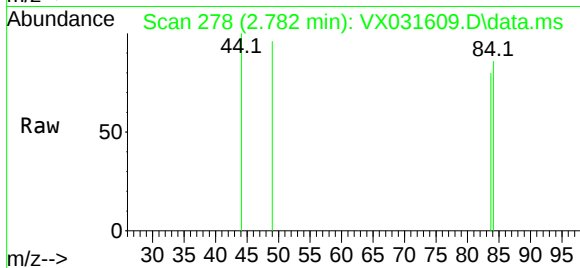
Acq: 23 Sep 2022 07:37

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 84 Resp: 136

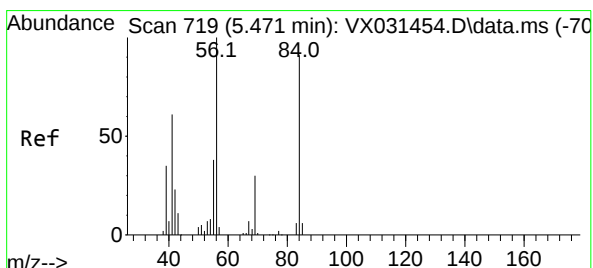
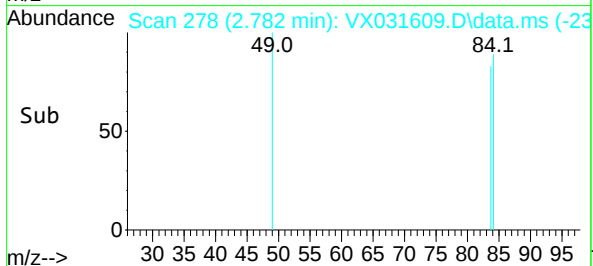
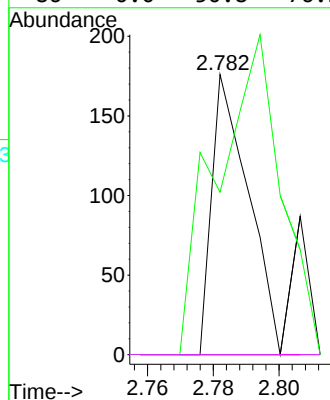
Ion Ratio Lower Upper

84 100

49 58.0 105.9 158.9#

51 0.0 32.2 48.2#

86 0.0 50.8 76.2#



#31

Cyclohexane

Concen: 0.859 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.067 min

Lab File: VX031609.D

Acq: 23 Sep 2022 07:37

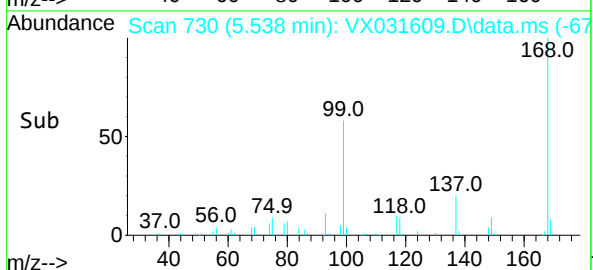
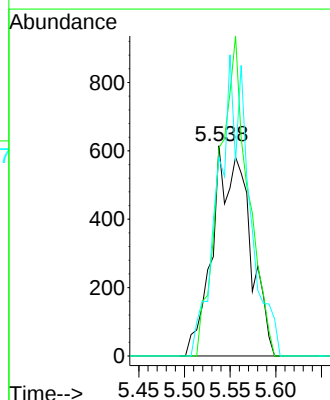
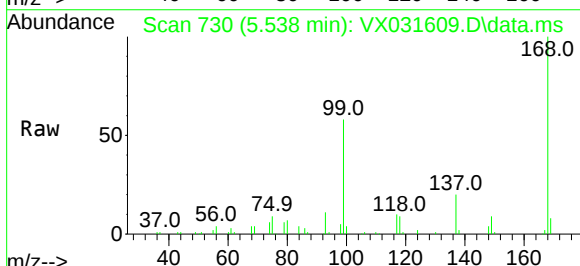
Tgt Ion: 56 Resp: 1703

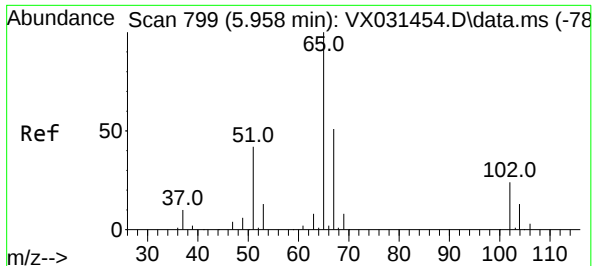
Ion Ratio Lower Upper

56 100

69 99.0 25.1 37.7#

84 94.3 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 53.295 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031609.D

Acq: 23 Sep 2022 07:37

Instrument :

MSVOA_X

ClientSampleId :

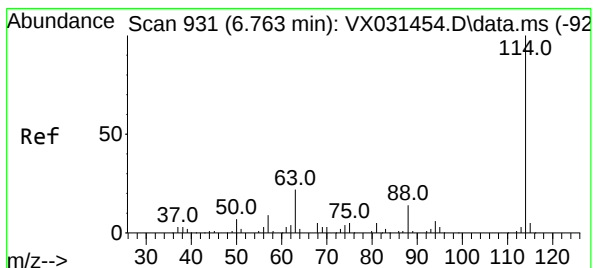
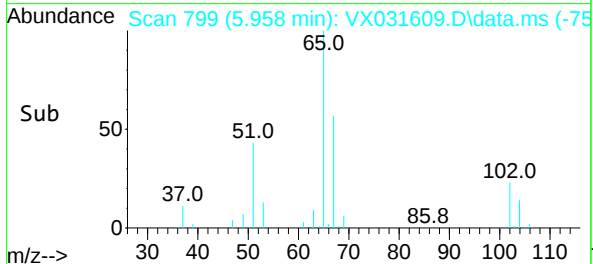
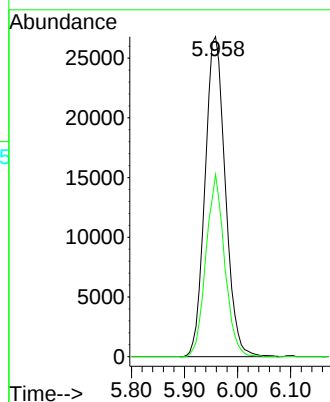
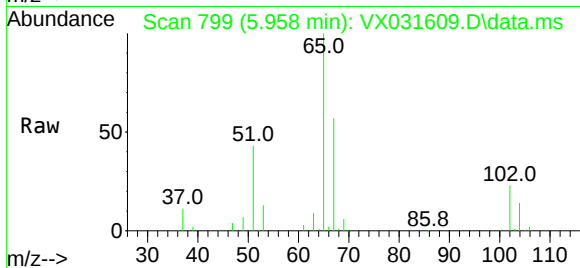
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 71302

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031609.D

Acq: 23 Sep 2022 07:37

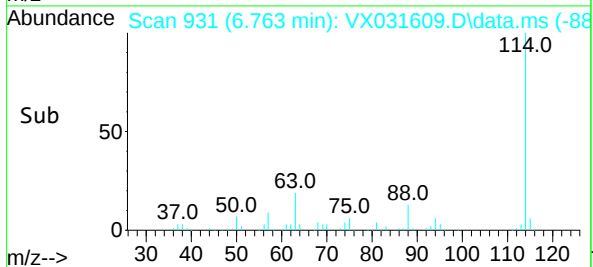
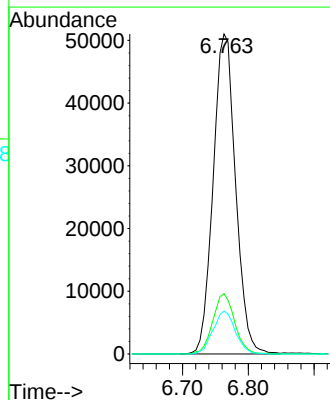
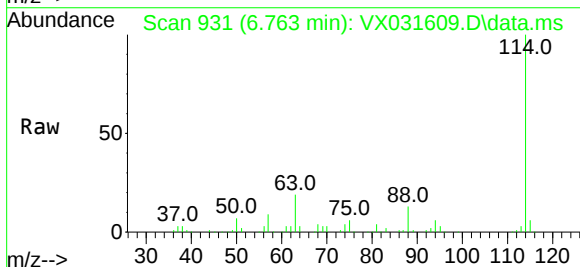
Tgt Ion: 114 Resp: 121117

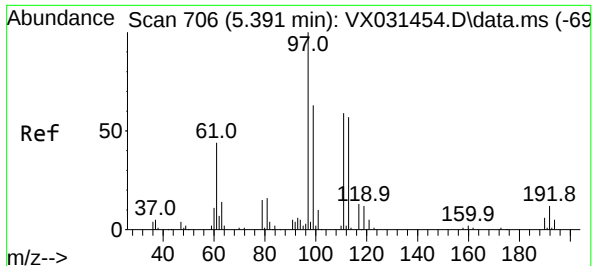
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.6

88 13.4 0.0 33.0

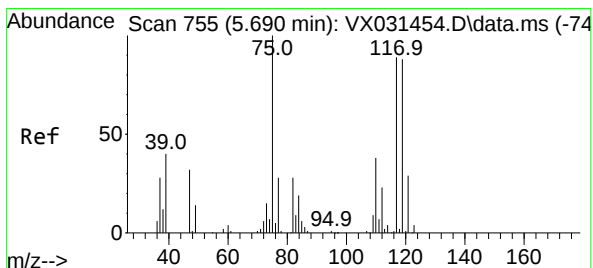
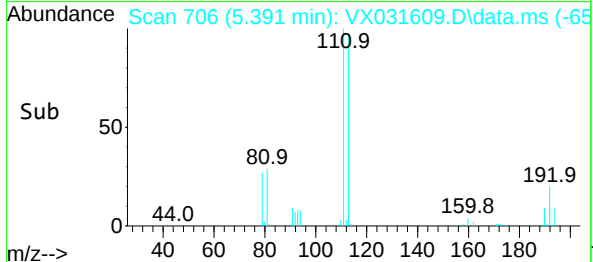
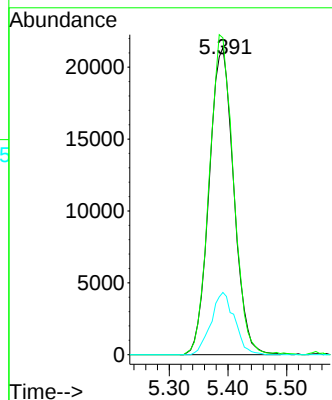
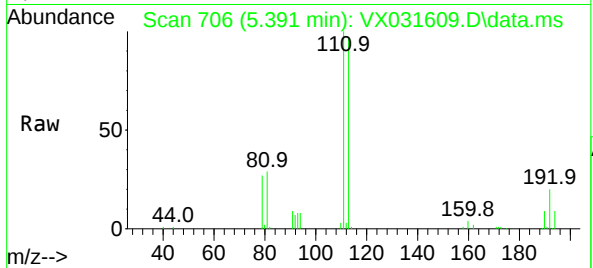




#35
Dibromofluoromethane
Concen: 49.550 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

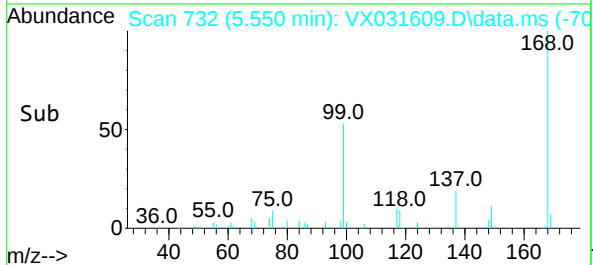
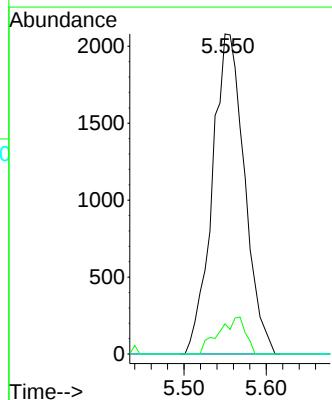
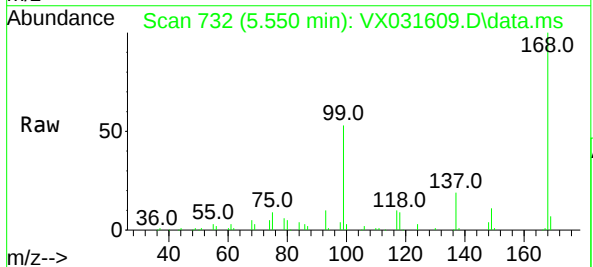
Instrument :
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

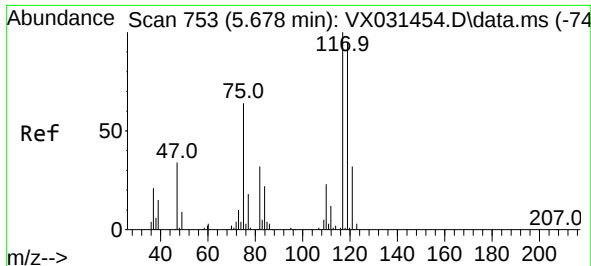
Tgt Ion:113 Resp: 62039
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 2.939 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

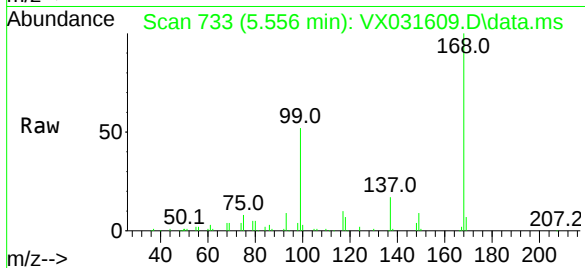
Tgt Ion: 75 Resp: 5658
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.9 37.3#



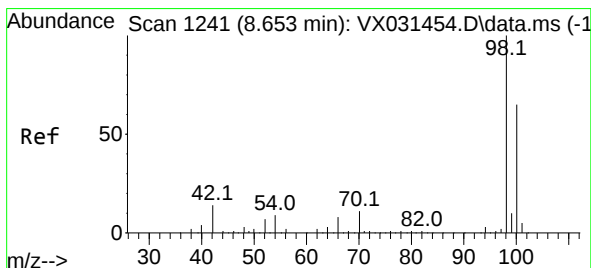
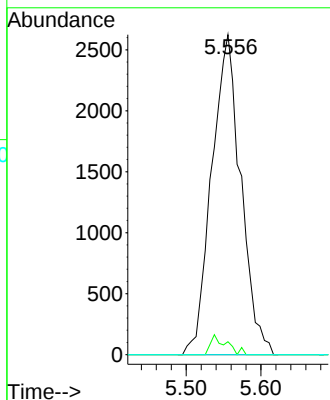
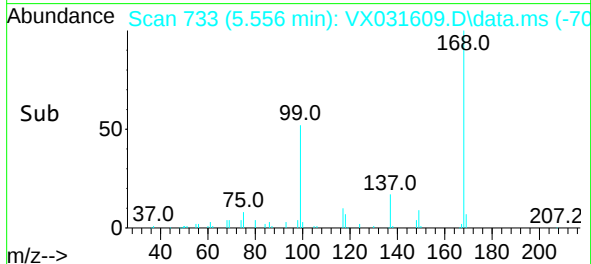


#38
Carbon Tetrachloride
Concen: 3.332 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

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

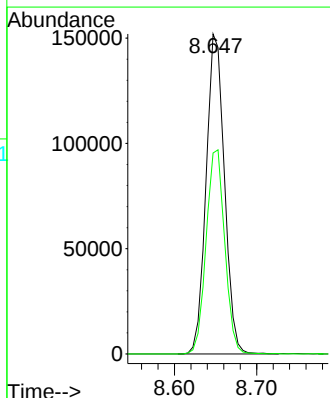
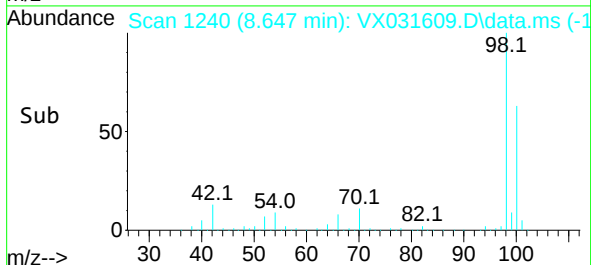
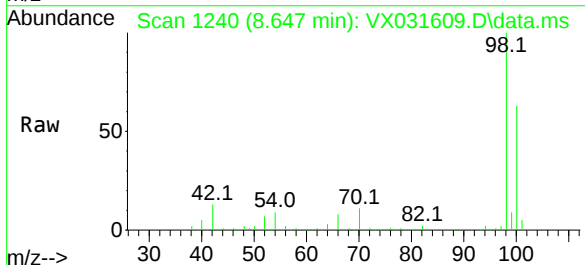


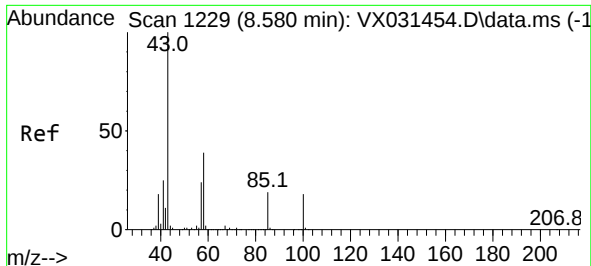
Tgt Ion:117 Resp: 7111
Ion Ratio Lower Upper
117 100
119 4.0 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.750 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

Tgt Ion: 98 Resp: 235241
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.499 ug/l

RT: 8.647 min Scan# 1132

Delta R.T. 0.067 min

Lab File: VX031609.D

Acq: 23 Sep 2022 07:37

Instrument :

MSVOA_X

ClientSampleId :

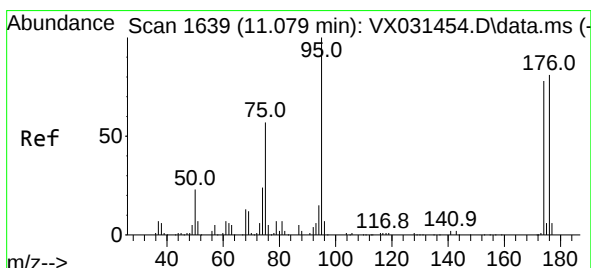
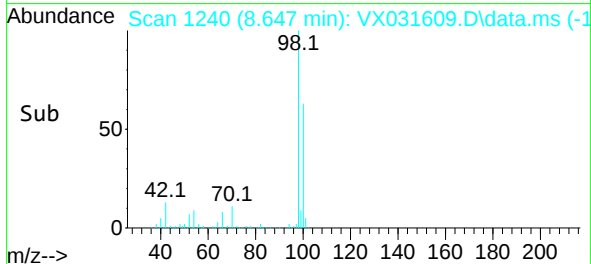
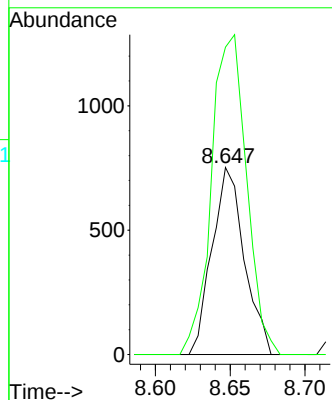
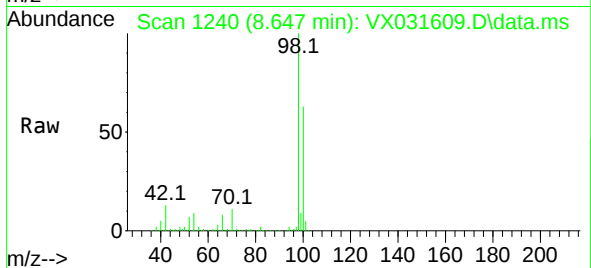
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 1132

Ion Ratio Lower Upper

43 100

58 185.5 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 43.694 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031609.D

Acq: 23 Sep 2022 07:37

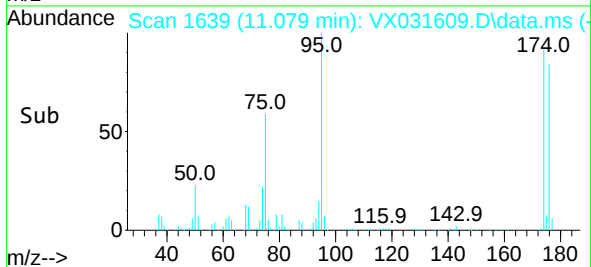
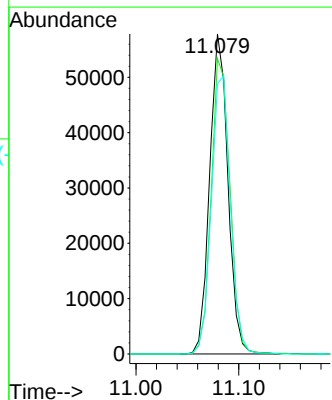
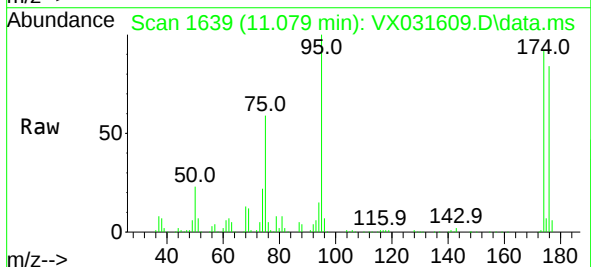
Tgt Ion: 95 Resp: 71419

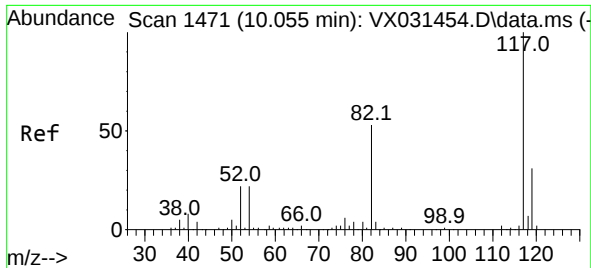
Ion Ratio Lower Upper

95 100

174 95.2 0.0 153.2

176 90.6 0.0 144.0

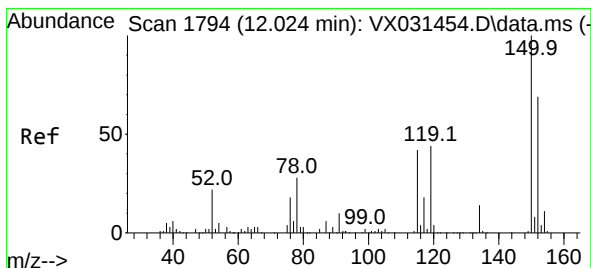
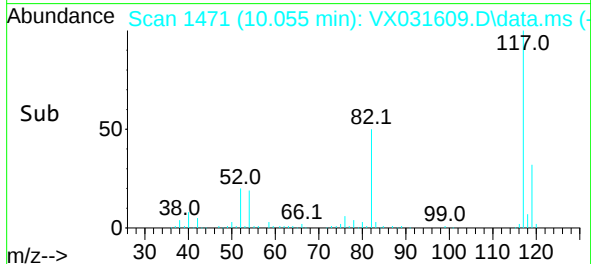
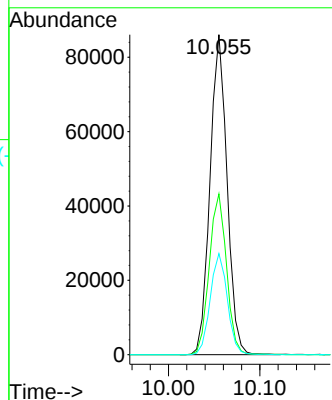
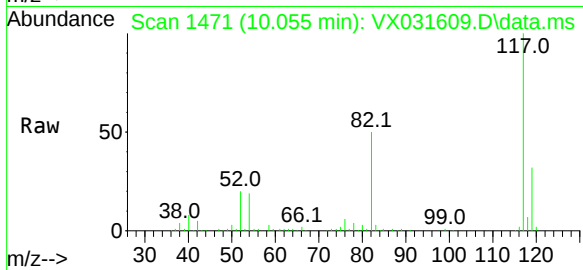




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

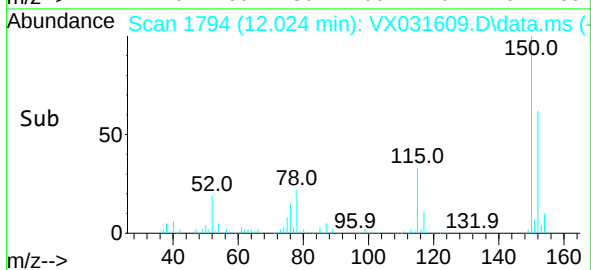
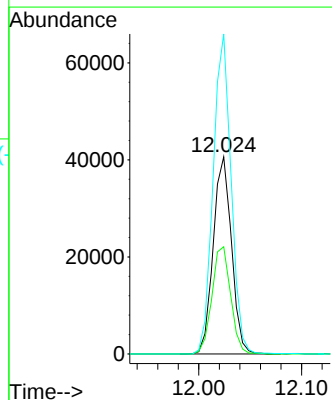
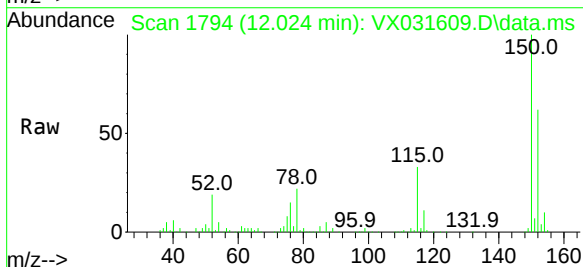
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

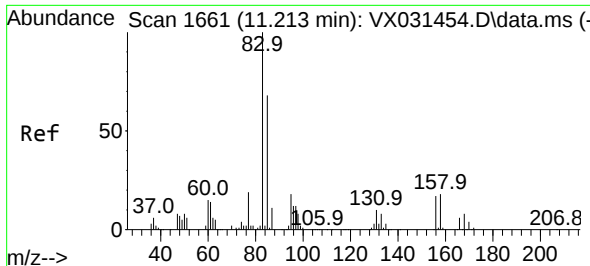
Tgt Ion:117 Resp: 111135
Ion Ratio Lower Upper
117 100
82 50.3 46.8 70.2
119 31.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

Tgt Ion:152 Resp: 50080
Ion Ratio Lower Upper
152 100
115 55.7 43.4 130.1
150 159.5 0.0 346.8

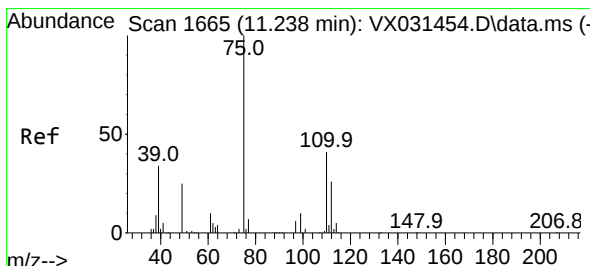
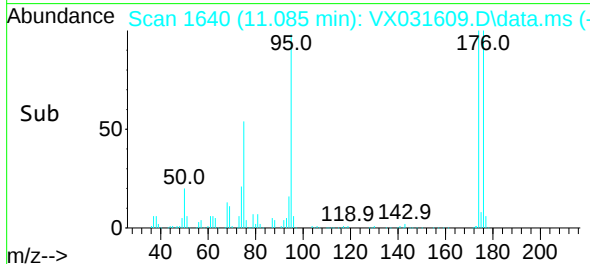
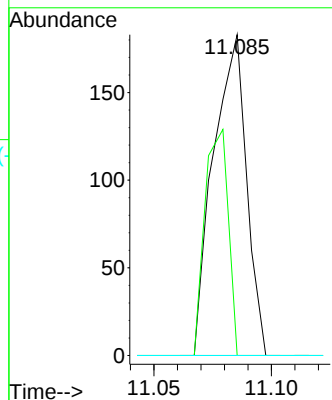
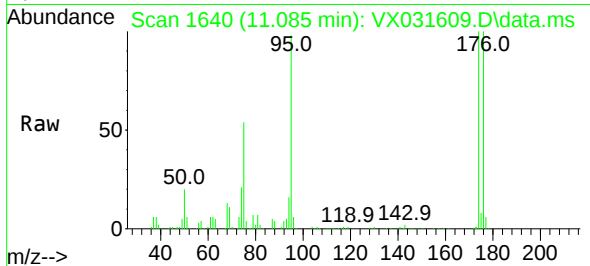




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1639
Delta R.T. -0.128 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

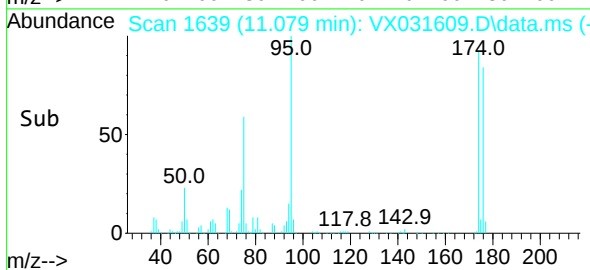
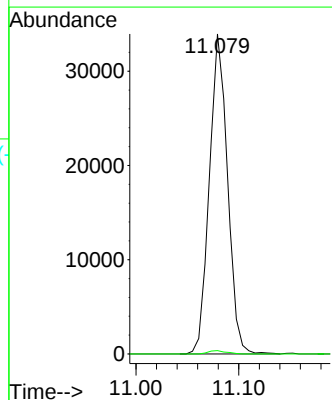
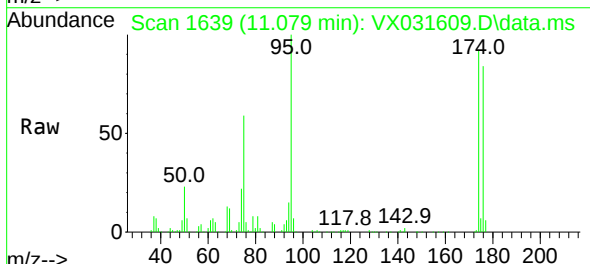
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

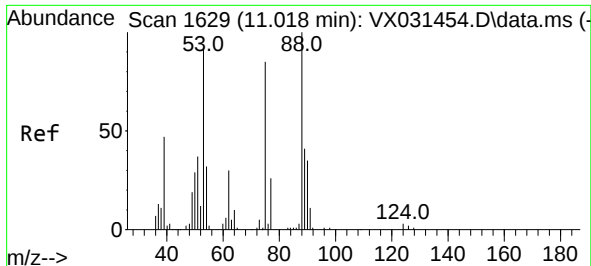
Tgt Ion: 83 Resp: 179
Ion Ratio Lower Upper
83 100
131 49.7 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 37.293 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

Tgt Ion: 75 Resp: 41684
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#

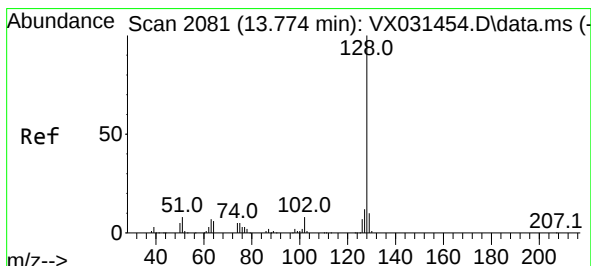
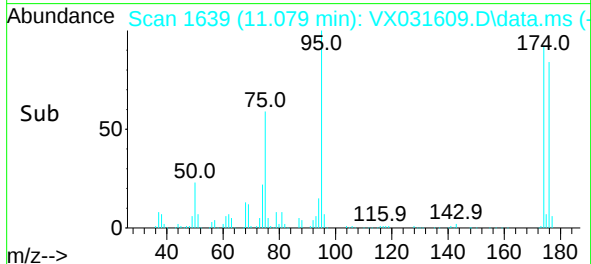
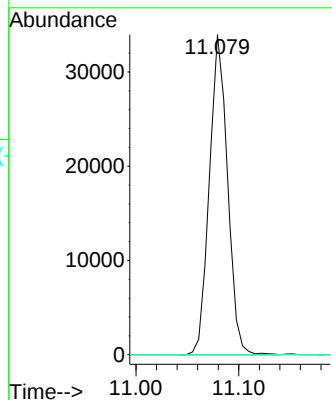
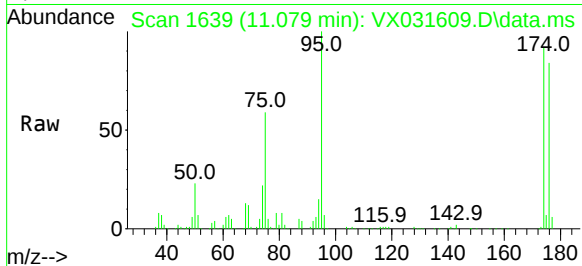




#81
trans-1,4-Dichloro-2-butene
Concen: 120.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

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

Tgt Ion: 75 Resp: 41684
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 0.517 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031609.D
Acq: 23 Sep 2022 07:37

Tgt Ion: 128 Resp: 1857
Ion Ratio Lower Upper
128 100
127 5.2 10.4 15.6#
129 5.0 8.8 13.2#

