

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031734.D
 Acq On : 28 Sep 2022 18:01
 Operator : JC/MD
 Sample : N4691-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Sep 29 04:33:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

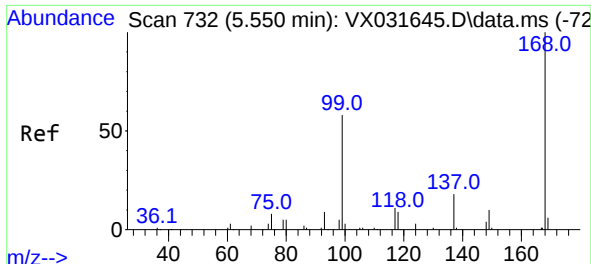
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	114675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127922	52.559	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.120%			
35) Dibromofluoromethane	5.385	113	102208	46.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.400%			
50) Toluene-d8	8.647	98	397752	50.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.260%			
62) 4-Bromofluorobenzene	11.079	95	136043	46.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.560%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	19	Below Cal	#	41
5) Bromomethane	1.617	94	390	Below Cal	#	50
6) Chloroethane	1.697	64	22	Below Cal	#	43
11) Tert butyl alcohol	2.934	59	920	Below Cal	#	73
12) 1,1-Dichloroethene	2.087	96	20	Below Cal	#	1
16) Acetone	2.379	43	131	Below Cal	#	45
17) Carbon Disulfide	2.514	76	32	Below Cal	#	75
20) Methylene Chloride	2.794	84	1036	Below Cal		84
31) Cyclohexane	5.550	56	2563	1.108	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	9062	3.605	ug/l #	47
38) Carbon Tetrachloride	5.556	117	12045	4.252	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1640	0.649	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	73506	38.277	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	73506	125.322	ug/l #	11

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

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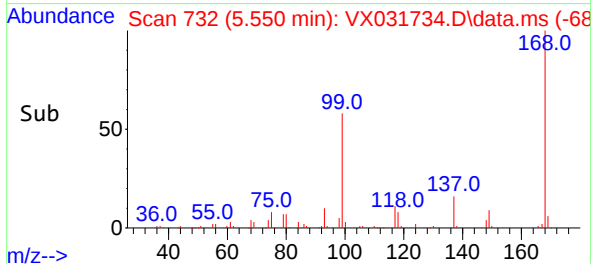
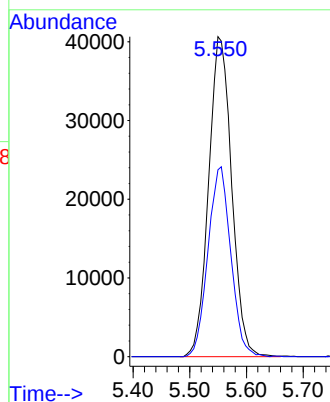
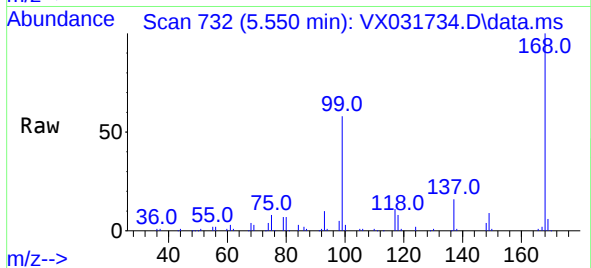




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

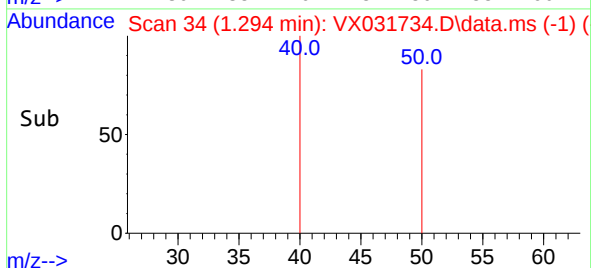
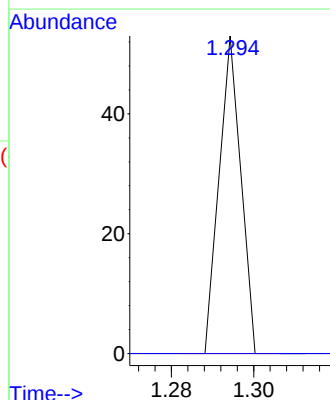
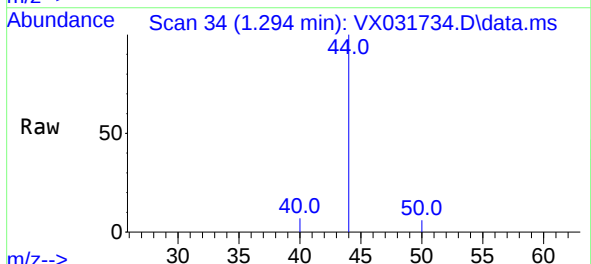
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

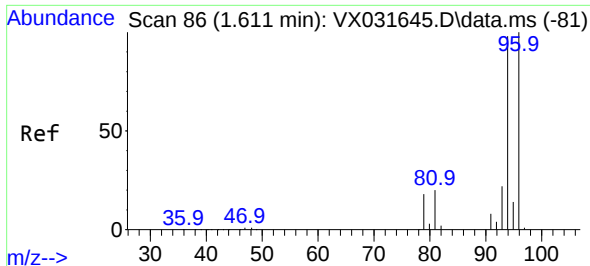
Tgt Ion:168 Resp: 114675
Ion Ratio Lower Upper
168 100
99 58.4 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

Tgt Ion: 50 Resp: 19
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

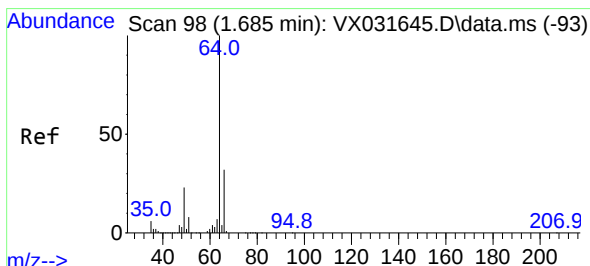
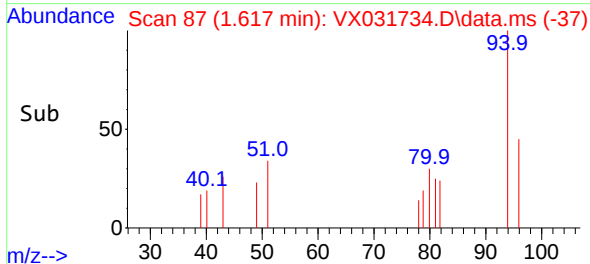
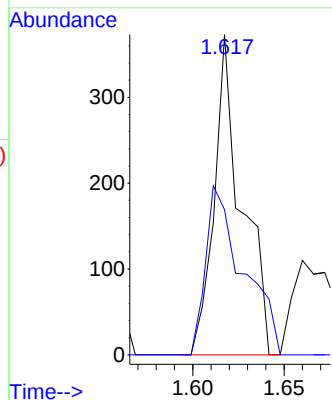
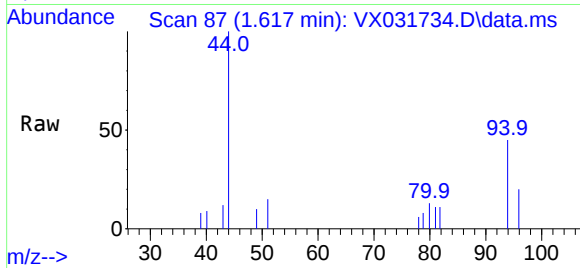




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

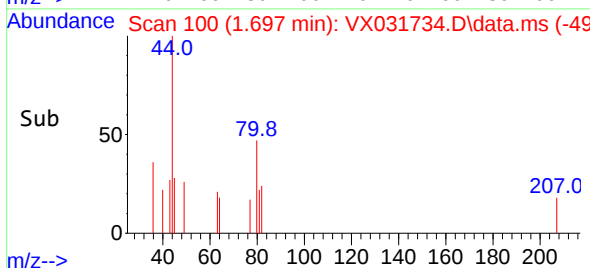
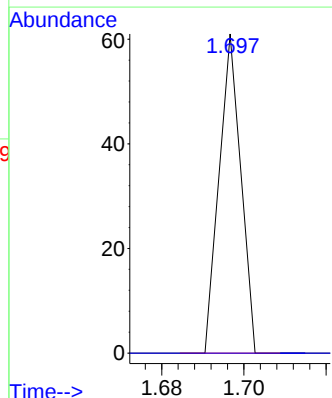
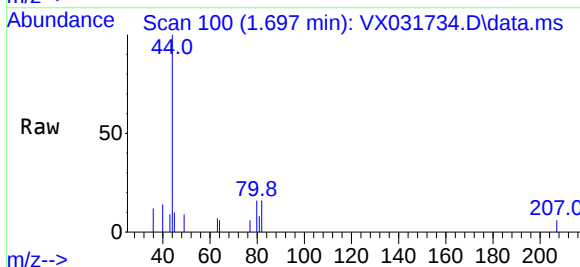
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

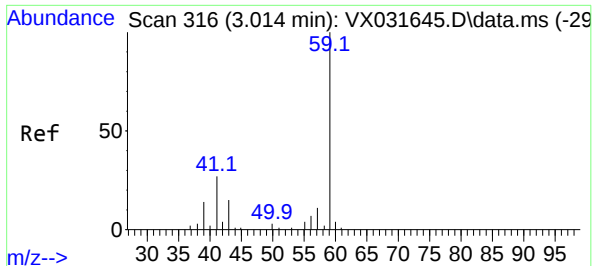
Tgt Ion: 94 Resp: 390
Ion Ratio Lower Upper
94 100
96 45.3 74.4 111.6#



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.934 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX031734.D

Acq: 28 Sep 2022 18:01

Instrument :

MSVOA_X

ClientSampleId :

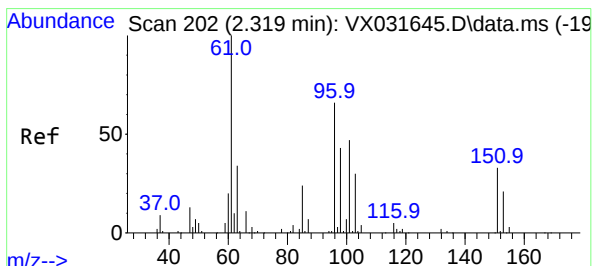
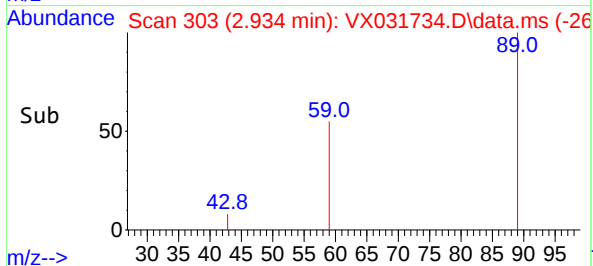
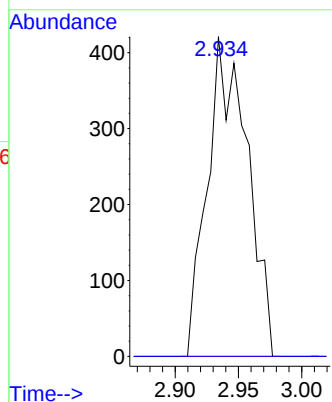
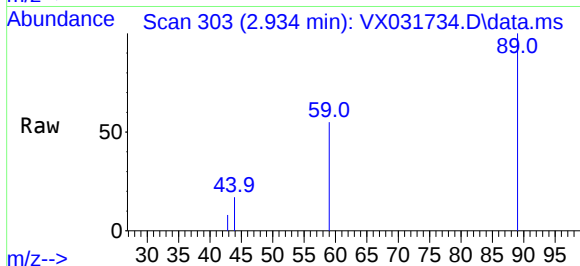
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 59 Resp: 920

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#12

1,1-Dichloroethene

Concen: Below Cal

RT: 2.087 min Scan# 164

Delta R.T. -0.232 min

Lab File: VX031734.D

Acq: 28 Sep 2022 18:01

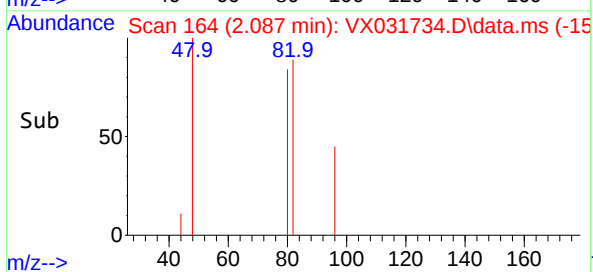
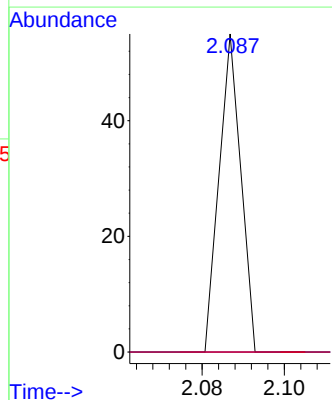
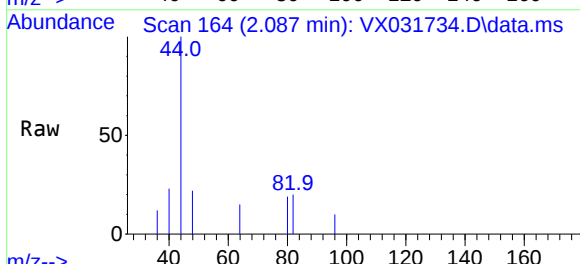
Tgt Ion: 96 Resp: 20

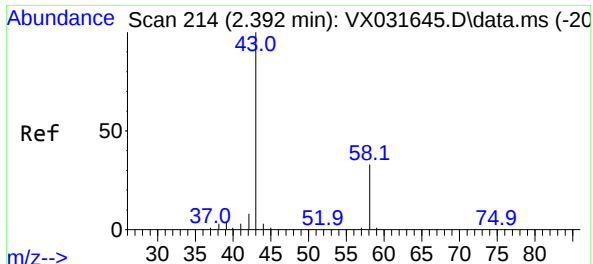
Ion Ratio Lower Upper

96 100

61 0.0 135.3 202.9#

98 0.0 49.4 74.2#

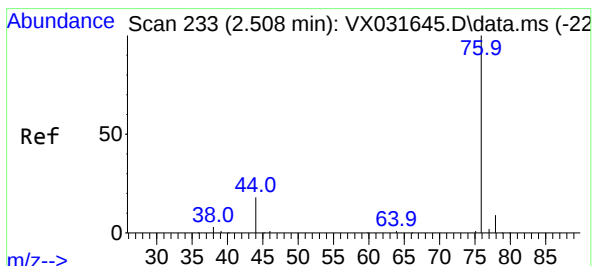
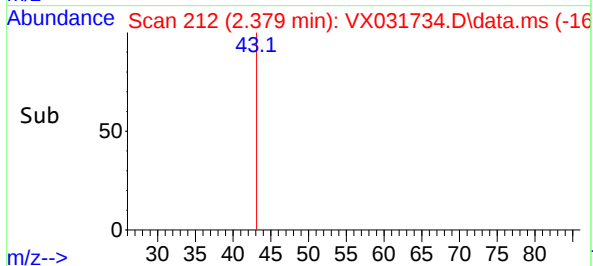
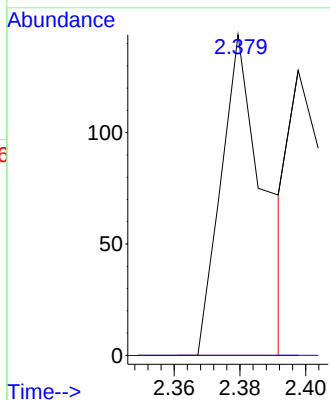
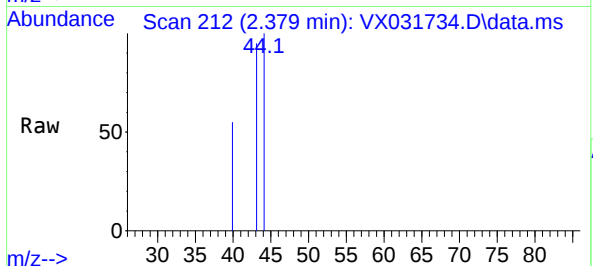




#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

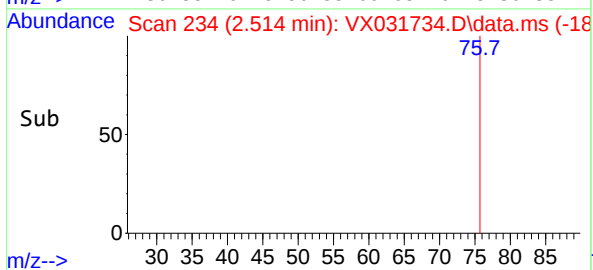
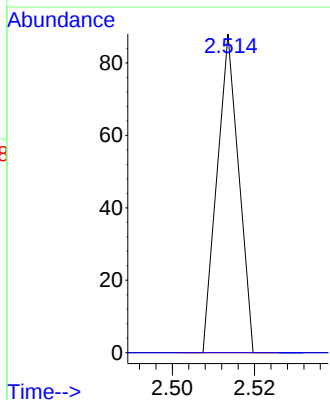
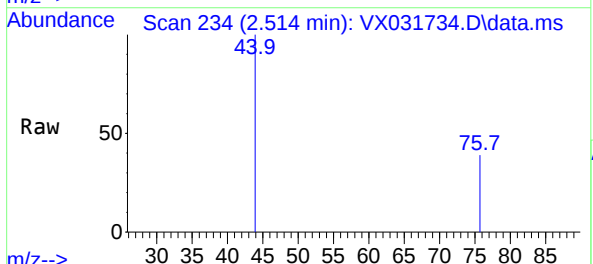
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

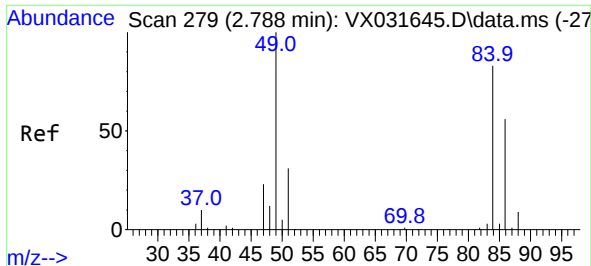
Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

Tgt Ion: 76 Resp: 32
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031734.D

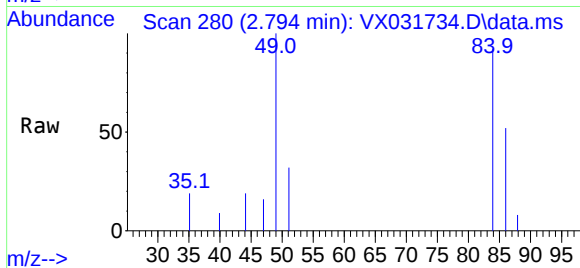
Acq: 28 Sep 2022 18:01

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 84 Resp: 1036

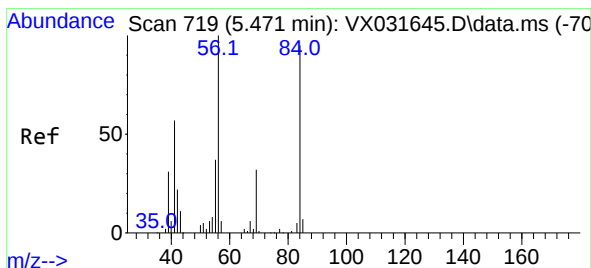
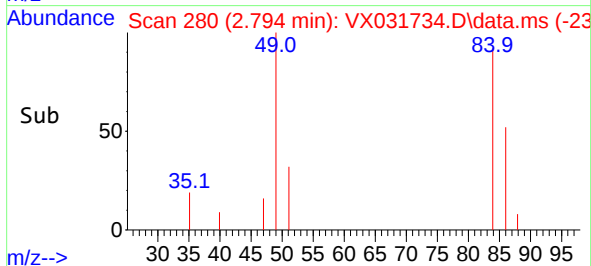
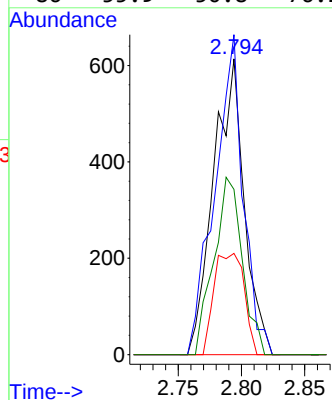
Ion Ratio Lower Upper

84 100

49 108.1 105.9 158.9

51 34.2 32.2 48.2

86 55.9 50.8 76.2



#31

Cyclohexane

Concen: 1.108 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031734.D

Acq: 28 Sep 2022 18:01

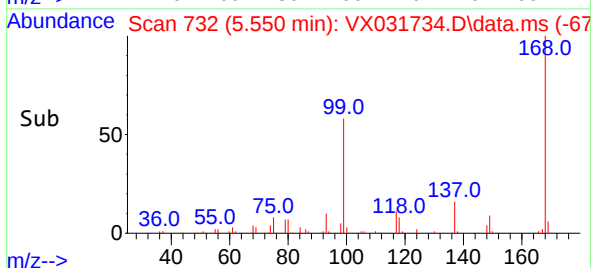
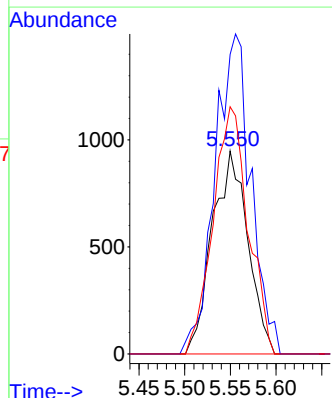
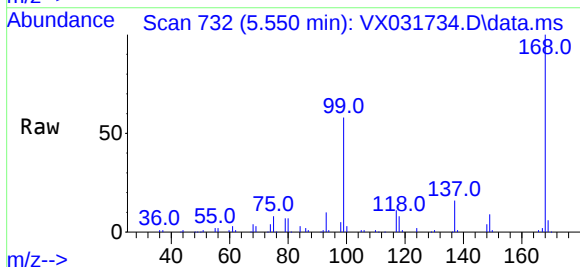
Tgt Ion: 56 Resp: 2563

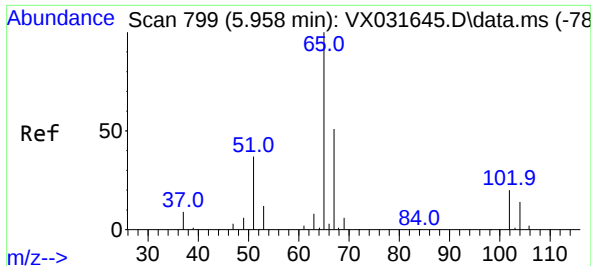
Ion Ratio Lower Upper

56 100

69 147.6 25.1 37.7#

84 121.8 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 52.559 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031734.D

Acq: 28 Sep 2022 18:01

Instrument :

MSVOA_X

ClientSampleId :

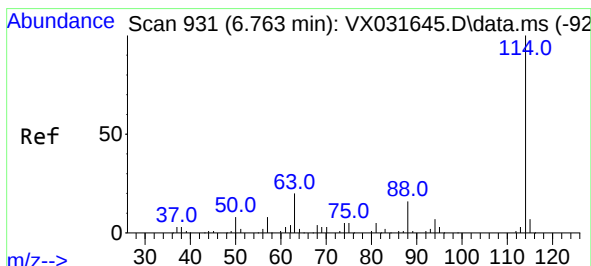
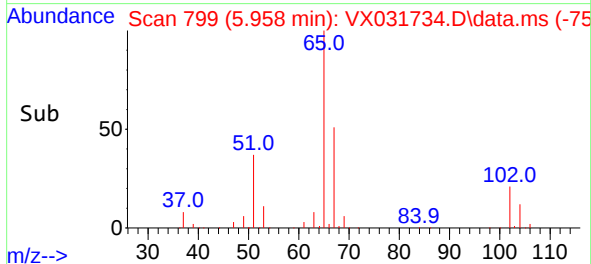
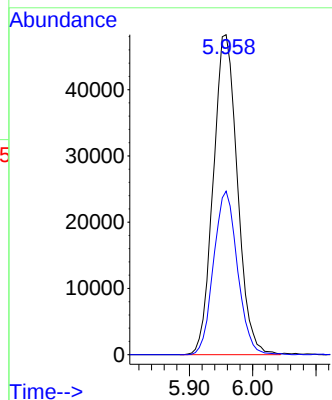
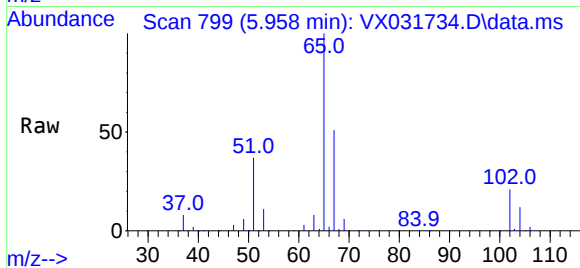
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 127922

Ion Ratio Lower Upper

65 100

67 50.6 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: VX031734.D

Acq: 28 Sep 2022 18:01

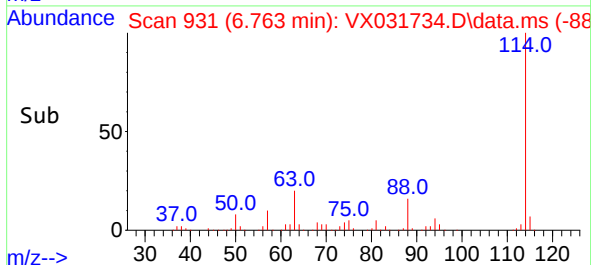
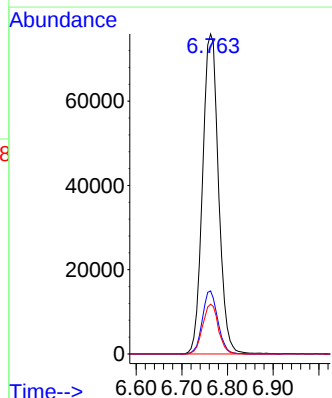
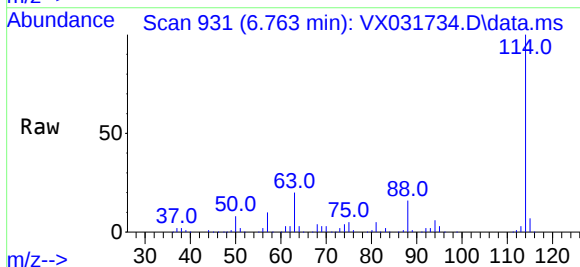
Tgt Ion: 114 Resp: 183695

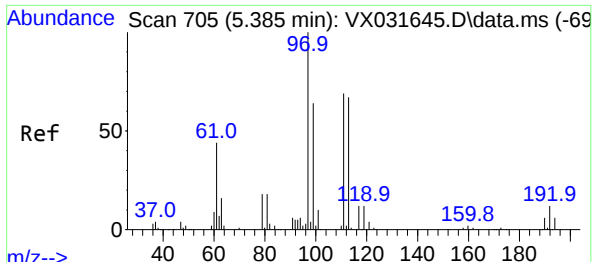
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 15.6 0.0 33.0

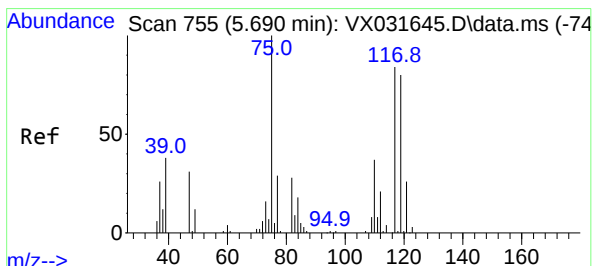
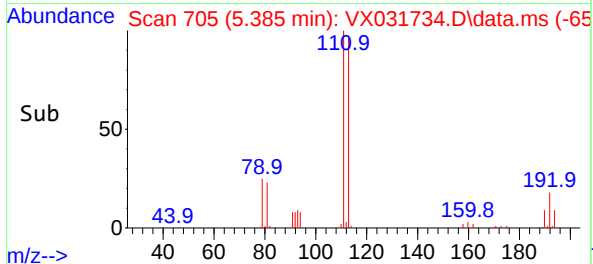
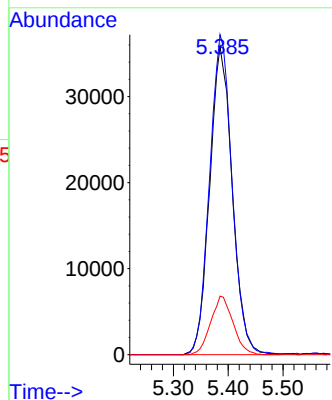
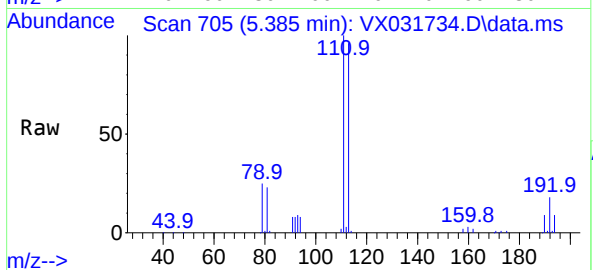




#35
Dibromofluoromethane
Concen: 46.697 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

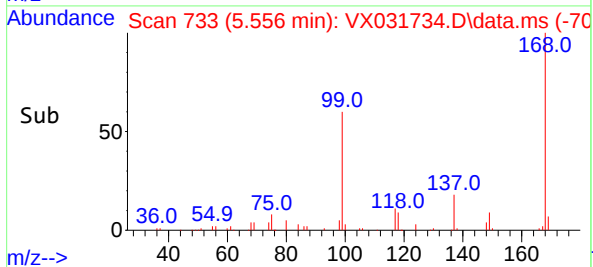
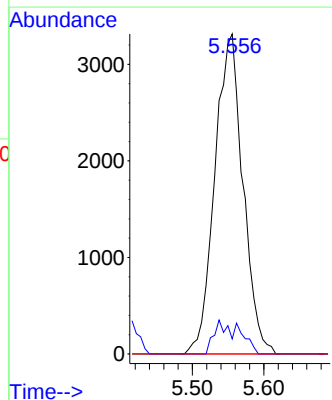
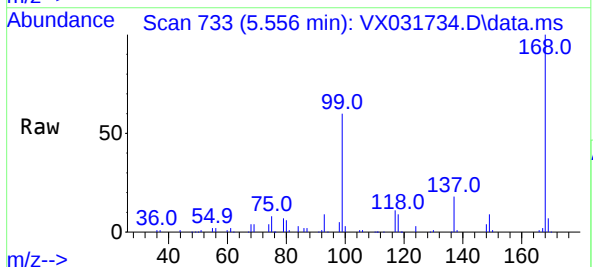
Instrument :
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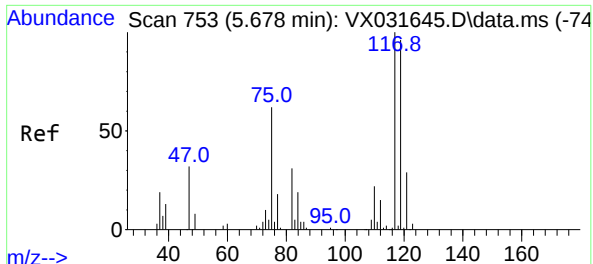
Tgt Ion:113 Resp: 102208
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.8 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.605 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

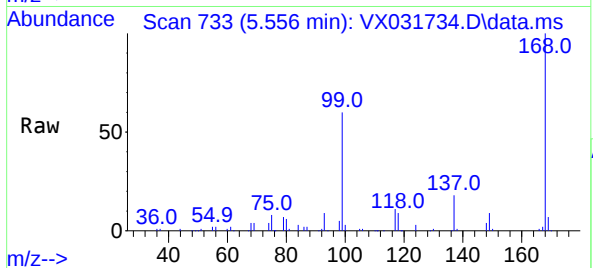
Tgt Ion: 75 Resp: 9062
Ion Ratio Lower Upper
75 100
110 5.6 17.5 52.5#
77 0.0 24.9 37.3#



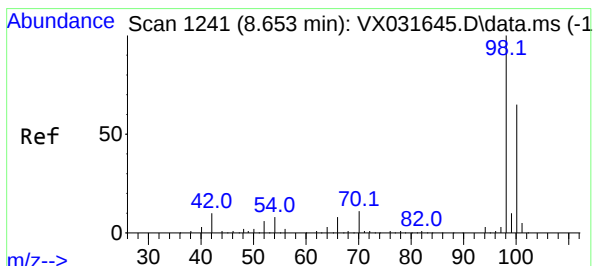
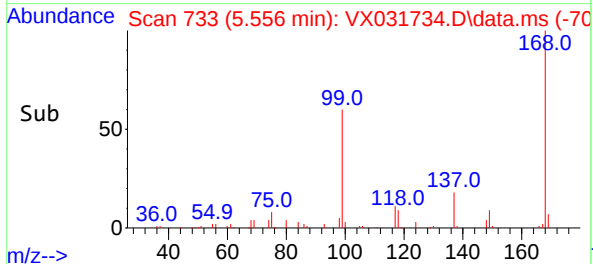
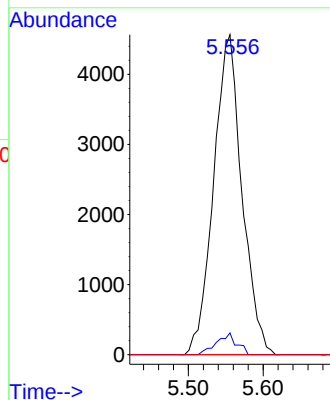


#38
Carbon Tetrachloride
Concen: 4.252 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

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

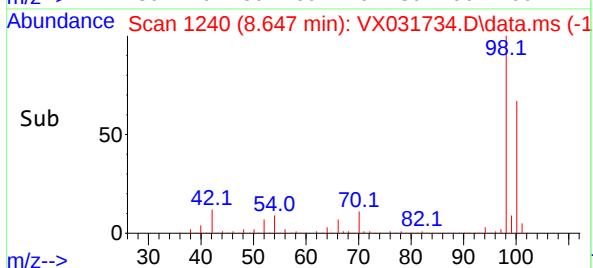
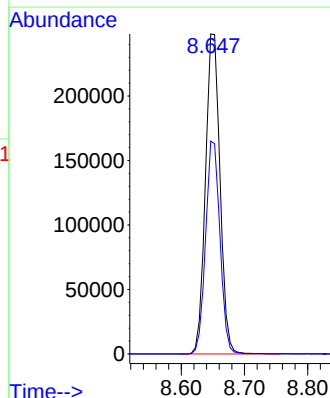
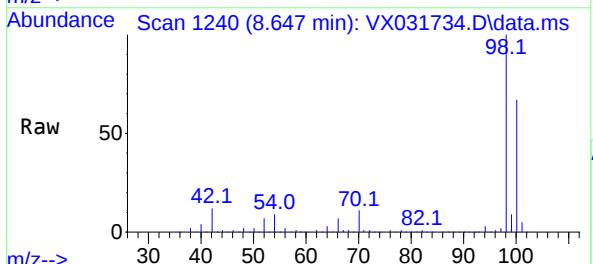


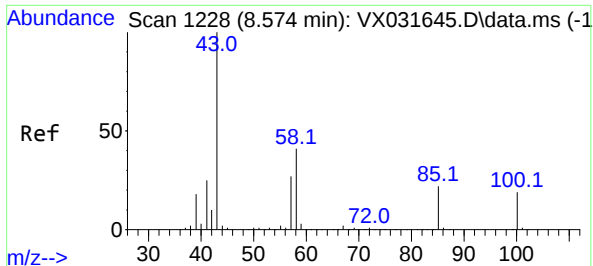
Tgt Ion:117 Resp: 12045
Ion Ratio Lower Upper
117 100
119 6.8 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 50.125 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

Tgt Ion: 98 Resp: 397752
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.649 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031734.D

Acq: 28 Sep 2022 18:01

Instrument :

MSVOA_X

ClientSampleId :

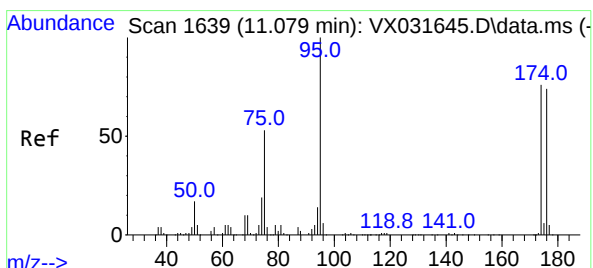
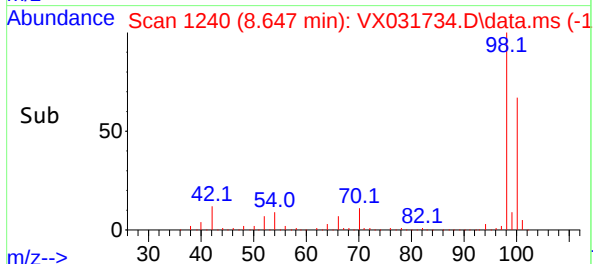
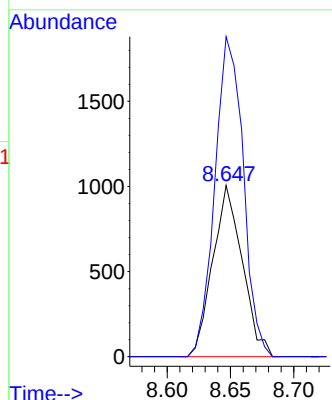
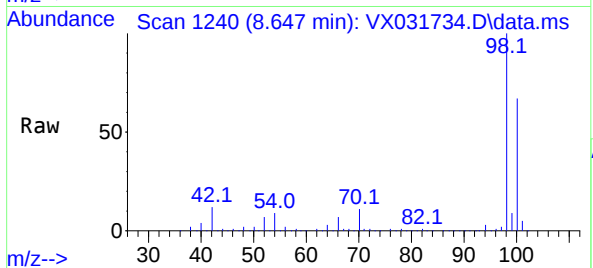
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 1640

Ion Ratio Lower Upper

43 100

58 179.0 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 46.776 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031734.D

Acq: 28 Sep 2022 18:01

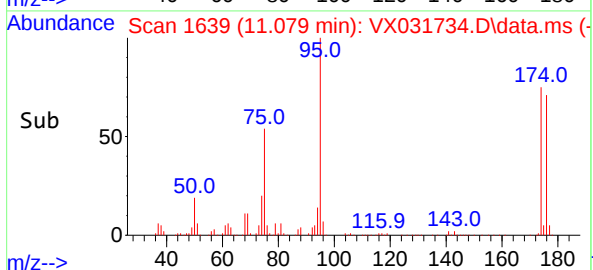
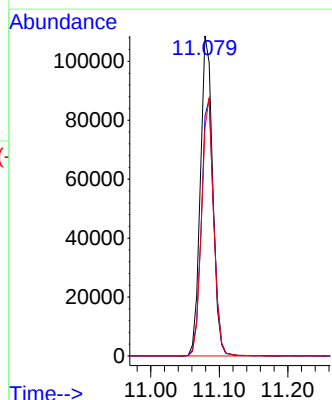
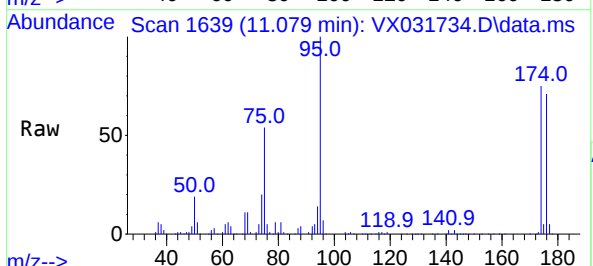
Tgt Ion: 95 Resp: 136043

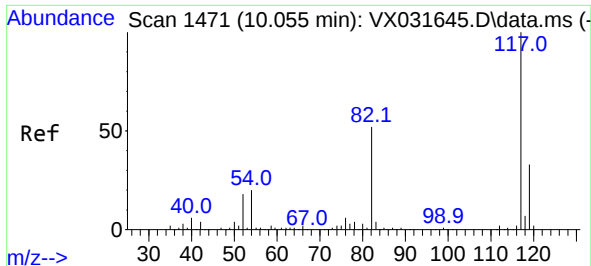
Ion Ratio Lower Upper

95 100

174 80.5 0.0 153.2

176 78.8 0.0 144.0

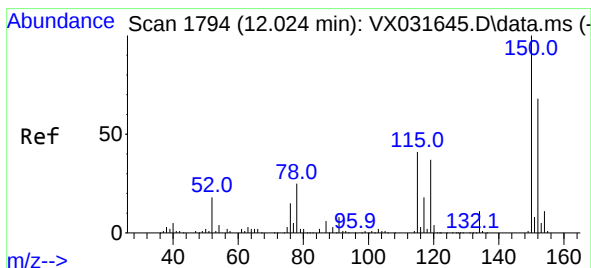
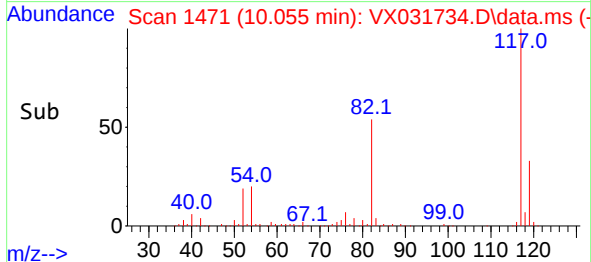
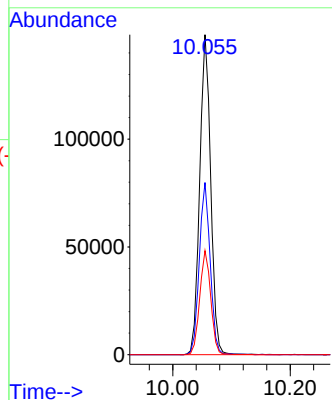
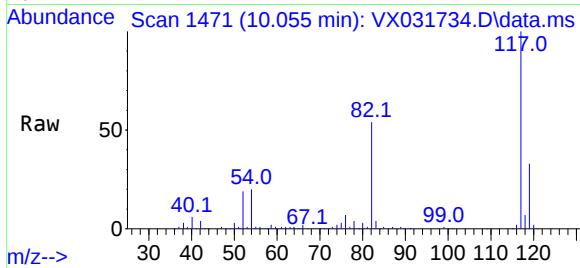




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

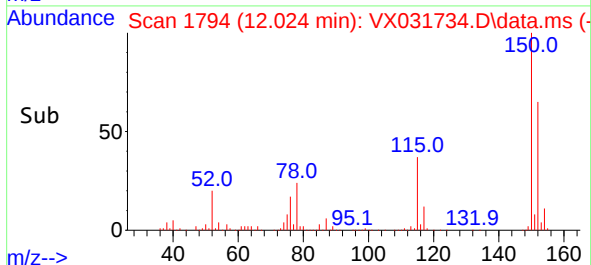
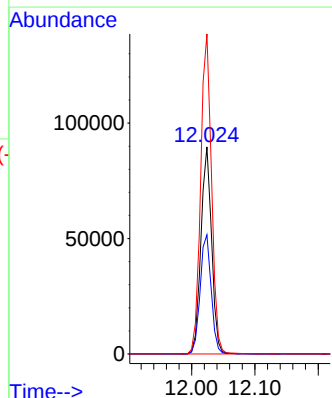
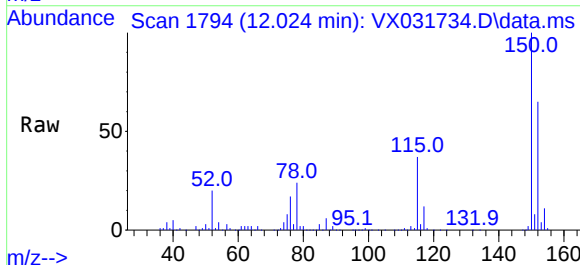
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

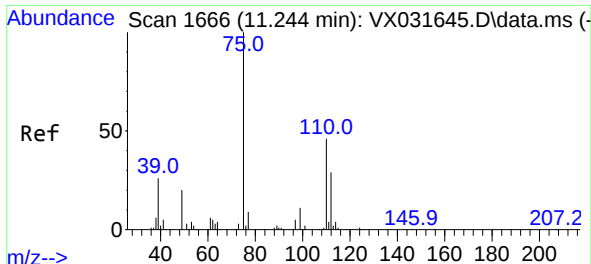
Tgt Ion:117 Resp: 193207
Ion Ratio Lower Upper
117 100
82 53.8 46.8 70.2
119 32.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

Tgt Ion:152 Resp: 105929
Ion Ratio Lower Upper
152 100
115 59.2 43.4 130.1
150 156.8 0.0 346.8

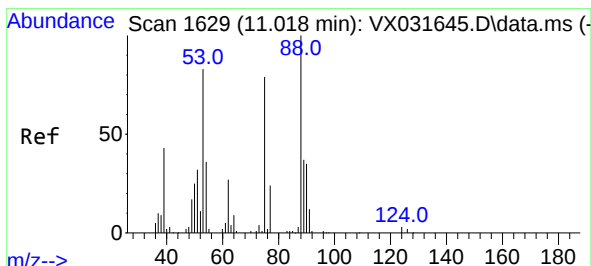
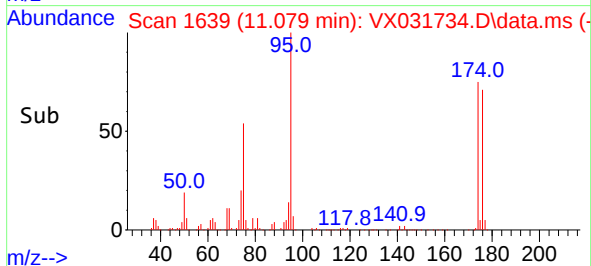
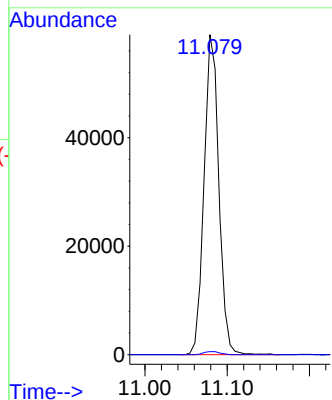
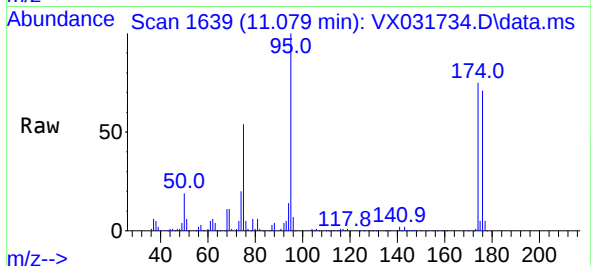




#76
1,2,3-Trichloropropane
Concen: 38.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

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

Tgt Ion: 75 Resp: 73506
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.322 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031734.D
Acq: 28 Sep 2022 18:01

Tgt Ion: 75 Resp: 73506
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

