

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031733.D
 Acq On : 28 Sep 2022 17:37
 Operator : JC/MD
 Sample : N4691-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Sep 29 04:32:52 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)

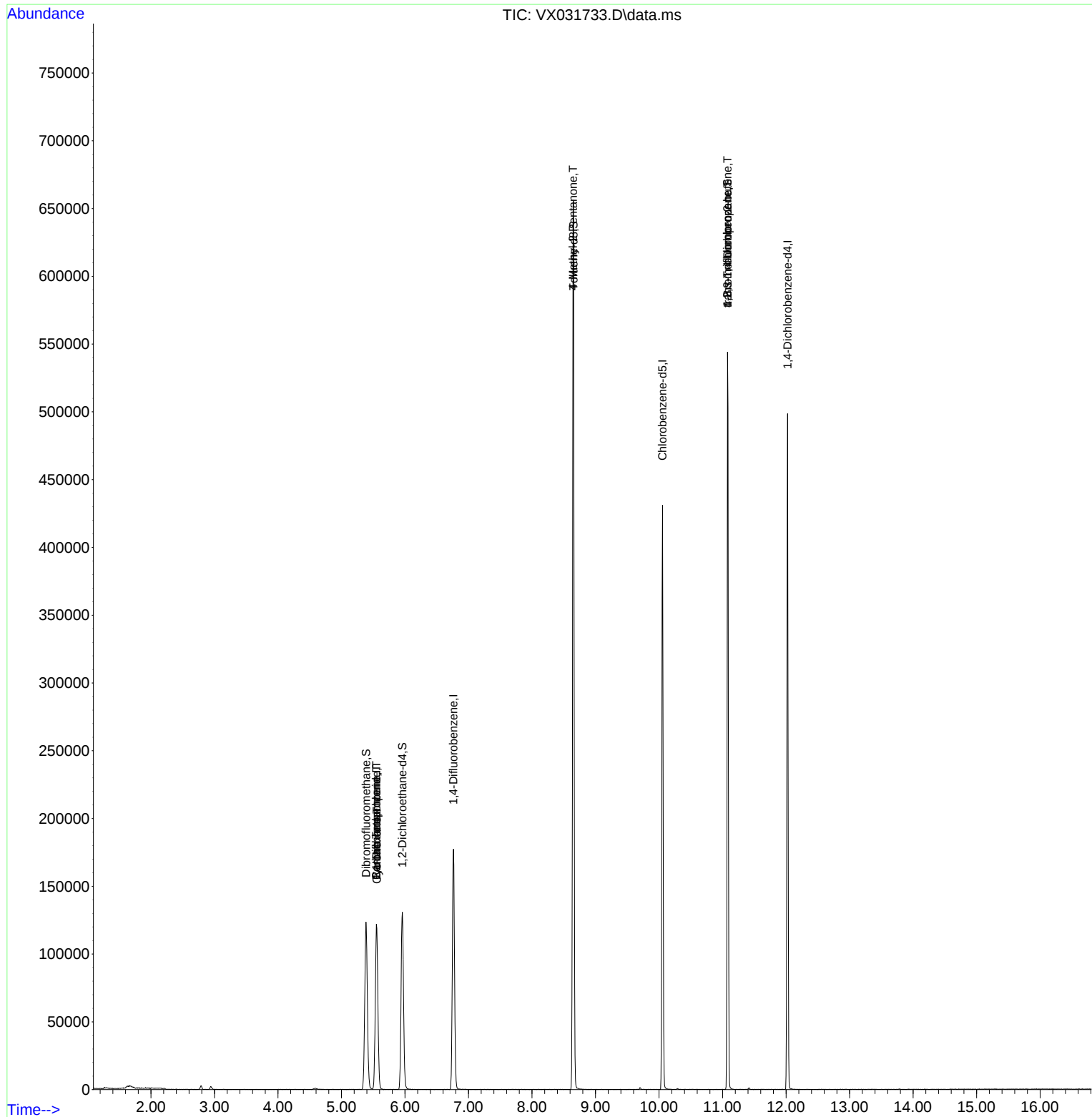
Internal Standards						
1) Pentafluorobenzene	5.550	168	114915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128626	52.738	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.480%	
35) Dibromofluoromethane	5.385	113	102691	46.842	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.680%	
50) Toluene-d8	8.653	98	397865	50.059	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	11.079	95	134349	46.120	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.240%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	26	Below Cal	#	41
5) Bromomethane	1.624	94	360	Below Cal		89
6) Chloroethane	1.679	64	89	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	1212	Below Cal	#	73
12) 1,1-Dichloroethene	2.075	96	22	Below Cal	#	1
13) Acrolein	2.008	56	20	Below Cal	#	51
16) Acetone	2.398	43	163	Below Cal	#	45
17) Carbon Disulfide	2.508	76	75	Below Cal	#	75
20) Methylene Chloride	2.794	84	1262	Below Cal	#	78
31) Cyclohexane	5.556	56	2460	1.061	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	9055	3.597	ug/l #	52
38) Carbon Tetrachloride	5.550	117	12122	4.272	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1688	0.667	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	75191	41.937	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	75191	137.014	ug/l #	11

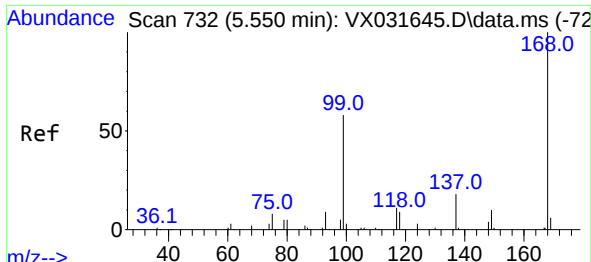
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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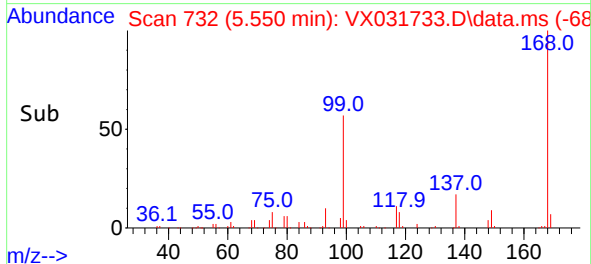
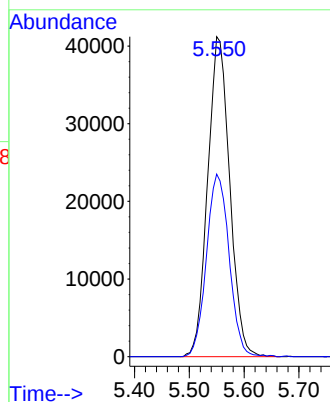
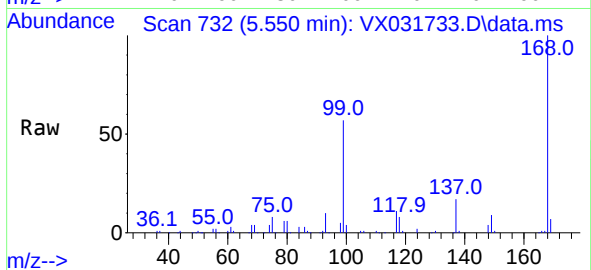




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

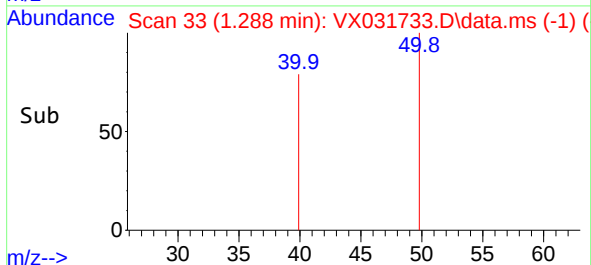
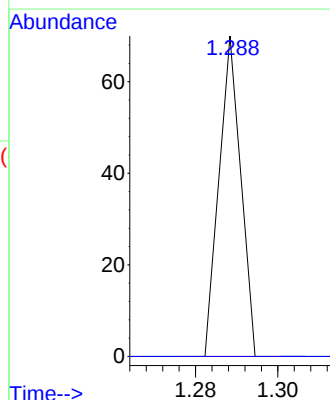
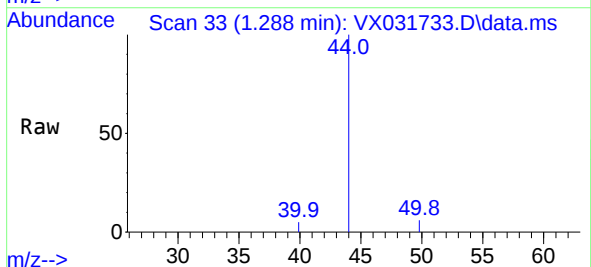
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 114915
Ion Ratio Lower Upper
168 100
99 57.0 48.8 73.2

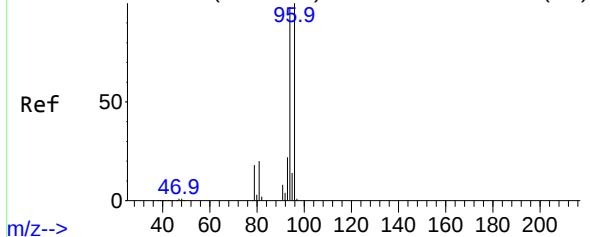


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

Tgt Ion: 50 Resp: 26
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.624 min Scan# 81

Delta R.T. 0.013 min

Lab File: VX031733.D

Acq: 28 Sep 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

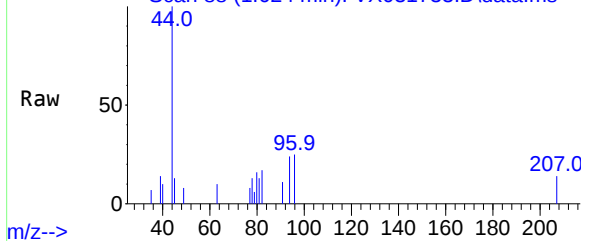
Tgt Ion: 94 Resp: 360

Ion Ratio Lower Upper

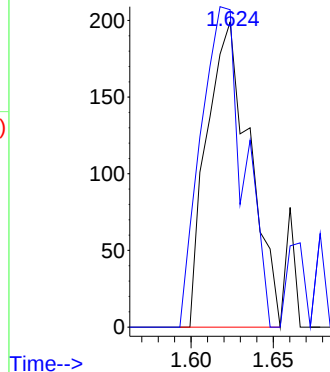
94 100

96 104.0 74.4 111.6

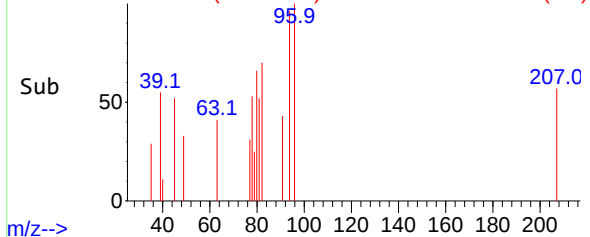
Abundance Scan 88 (1.624 min): VX031733.D\data.ms



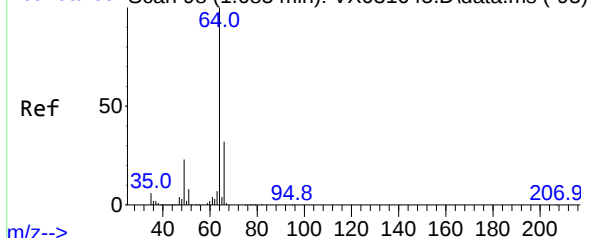
Abundance



Abundance Scan 88 (1.624 min): VX031733.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.679 min Scan# 97

Delta R.T. -0.006 min

Lab File: VX031733.D

Acq: 28 Sep 2022 17:37

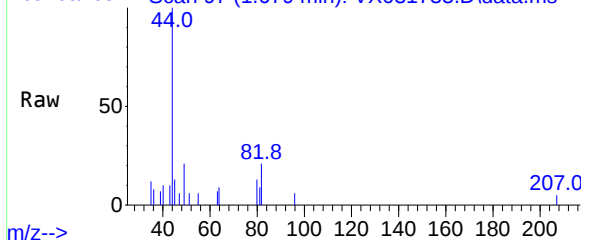
Tgt Ion: 64 Resp: 89

Ion Ratio Lower Upper

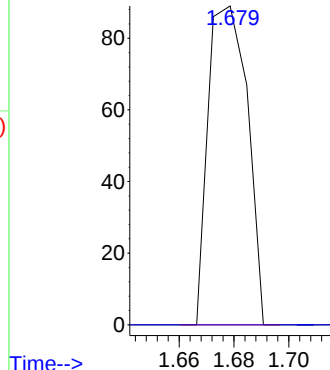
64 100

66 0.0 25.0 37.4#

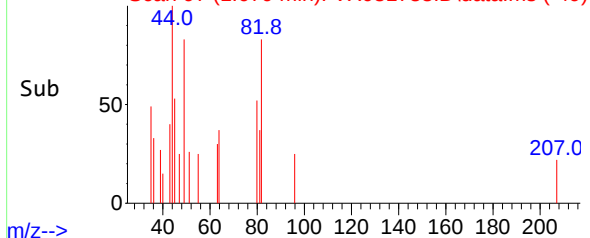
Abundance Scan 97 (1.679 min): VX031733.D\data.ms

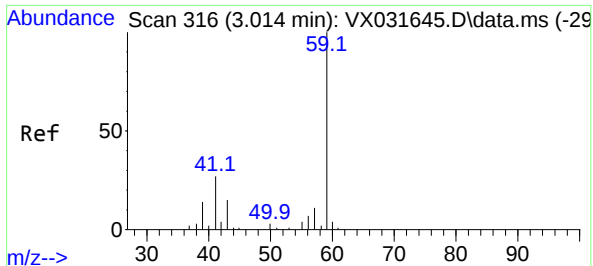


Abundance



Abundance Scan 97 (1.679 min): VX031733.D\data.ms (-49)





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.048 min

Lab File: VX031733.D

Acq: 28 Sep 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

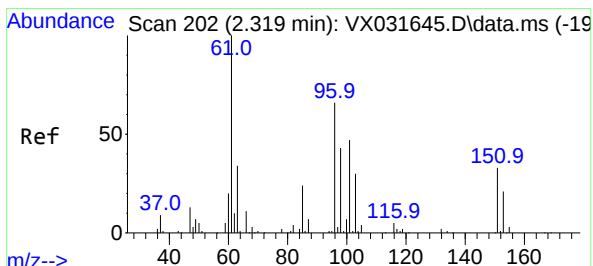
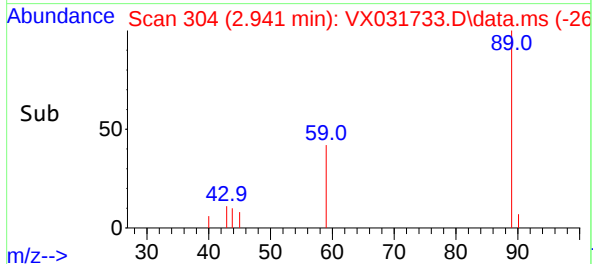
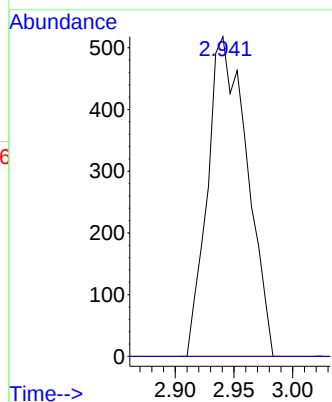
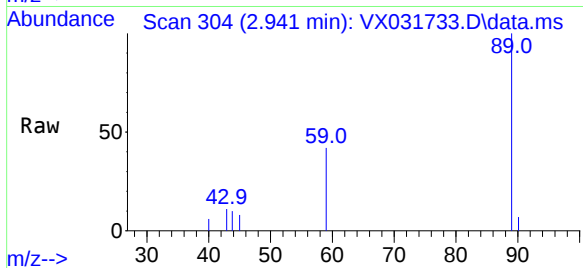
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 59 Resp: 1212

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#12

1,1-Dichloroethene

Concen: Below Cal

RT: 2.075 min Scan# 162

Delta R.T. -0.244 min

Lab File: VX031733.D

Acq: 28 Sep 2022 17:37

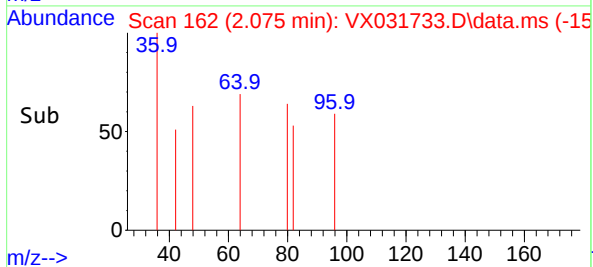
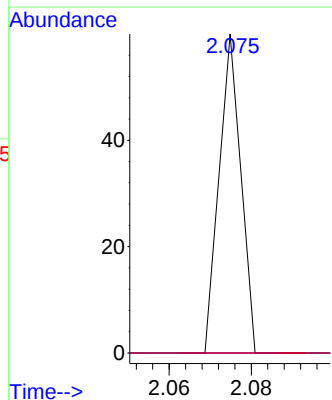
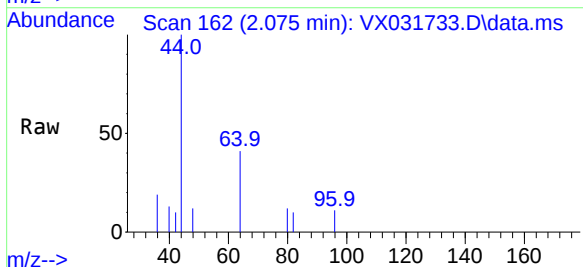
Tgt Ion: 96 Resp: 22

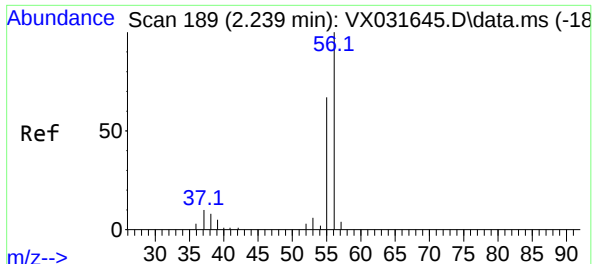
Ion Ratio Lower Upper

96 100

61 0.0 135.3 202.9#

98 0.0 49.4 74.2#

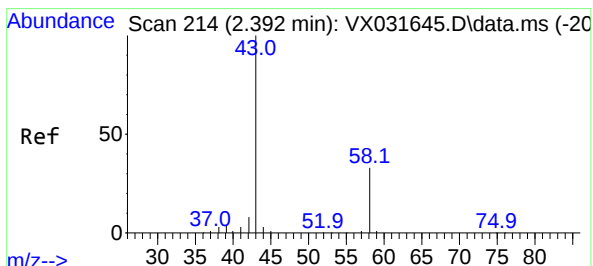
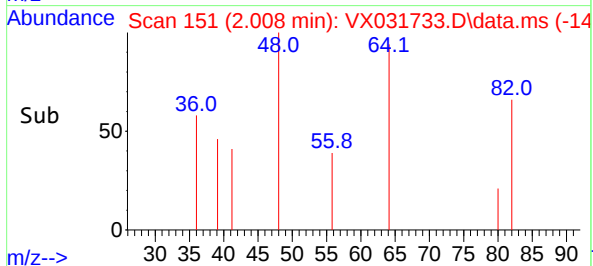
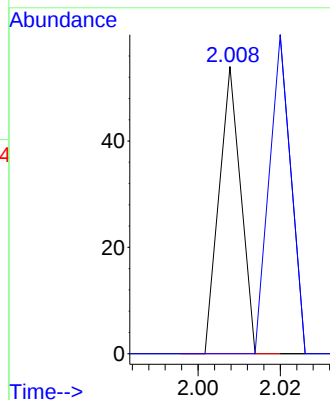
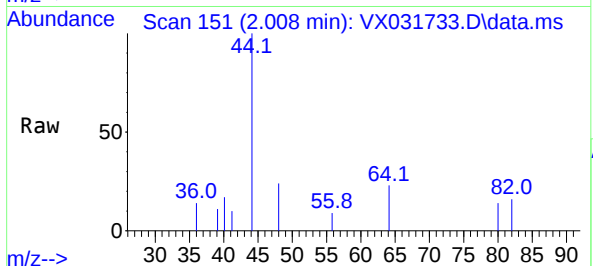




#13
Acrolein
Concen: Below Cal
RT: 2.008 min Scan# 11
Delta R.T. -0.231 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

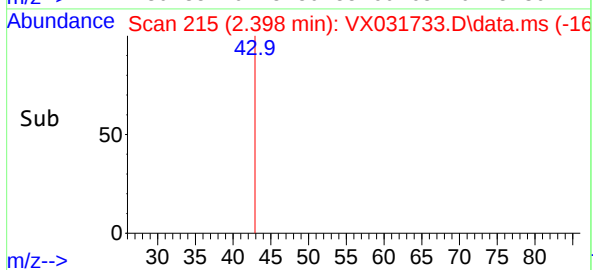
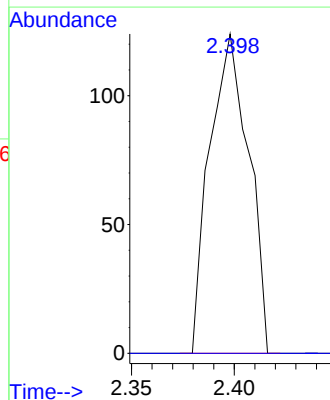
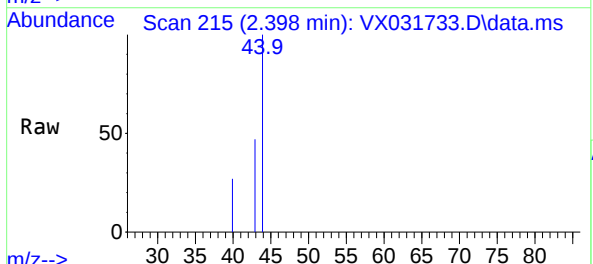
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

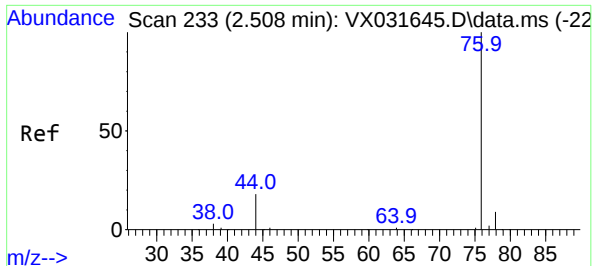
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 110.0 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

Tgt Ion: 43 Resp: 163
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

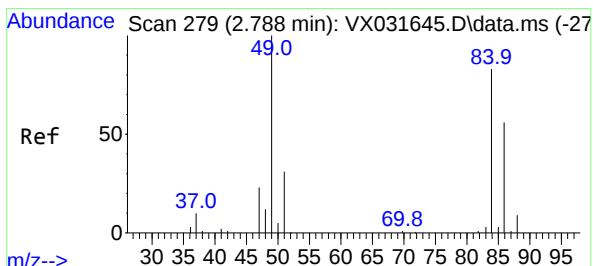
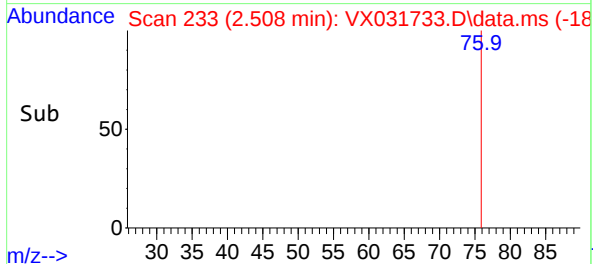
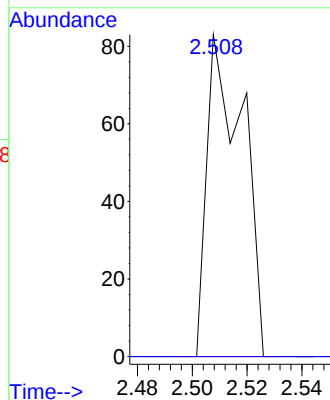
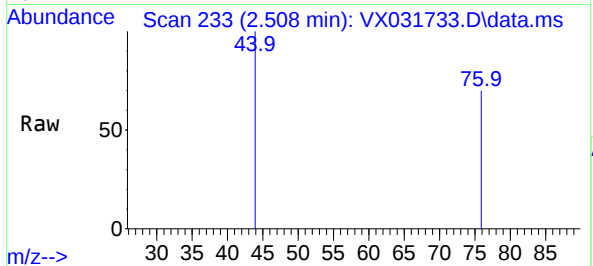




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

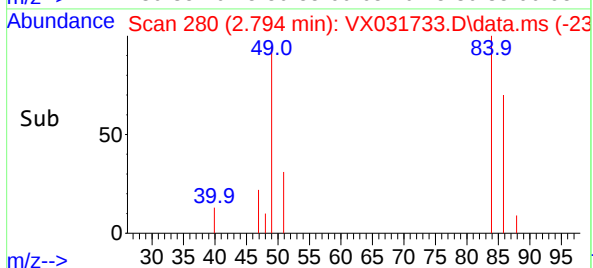
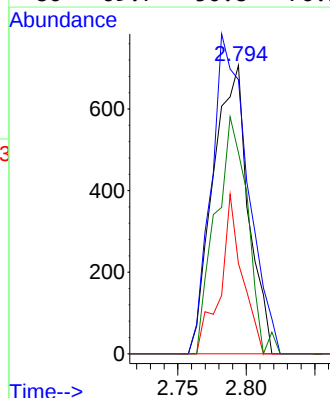
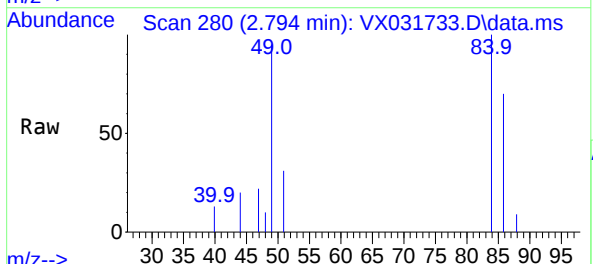
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

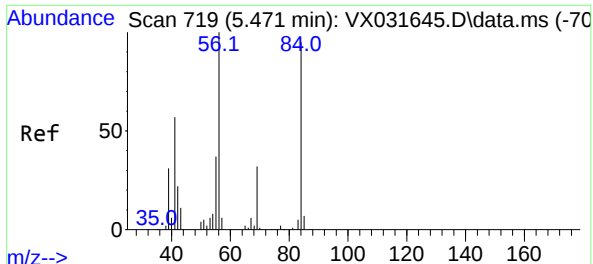
Tgt Ion: 76 Resp: 75
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

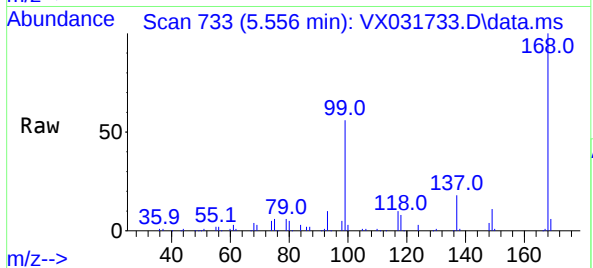
Tgt Ion: 84 Resp: 1262
Ion Ratio Lower Upper
84 100
49 95.0 105.9 158.9#
51 31.3 32.2 48.2#
86 69.7 50.8 76.2



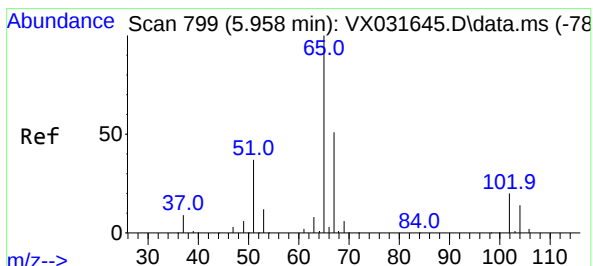
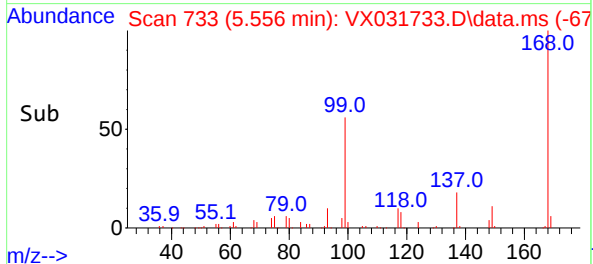
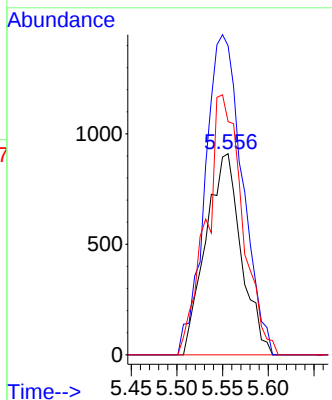


#31
Cyclohexane
Concen: 1.061 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

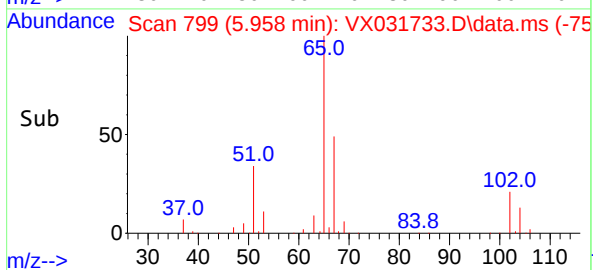
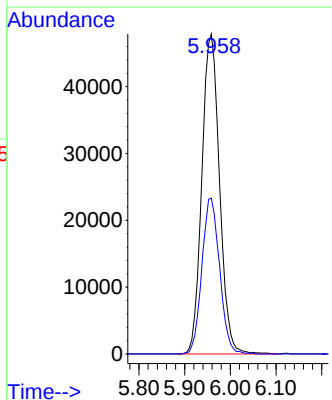
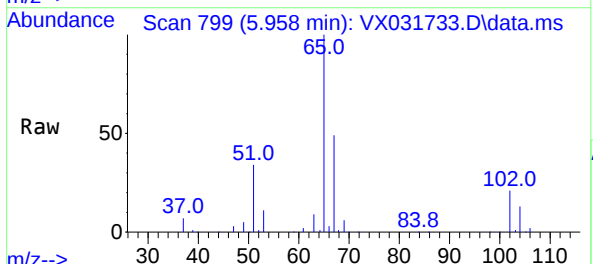


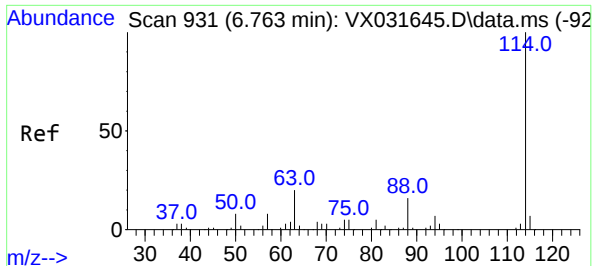
Tgt Ion: 56 Resp: 2460
Ion Ratio Lower Upper
56 100
69 153.6 25.1 37.7#
84 115.9 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.738 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

Tgt Ion: 65 Resp: 128626
Ion Ratio Lower Upper
65 100
67 48.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX031733.D

Acq: 28 Sep 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

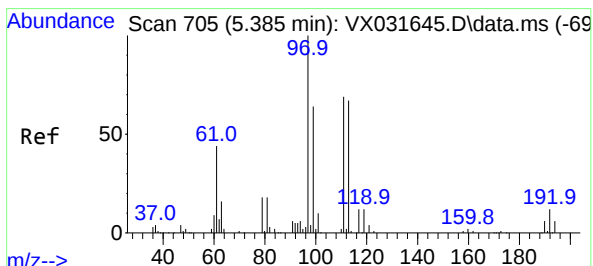
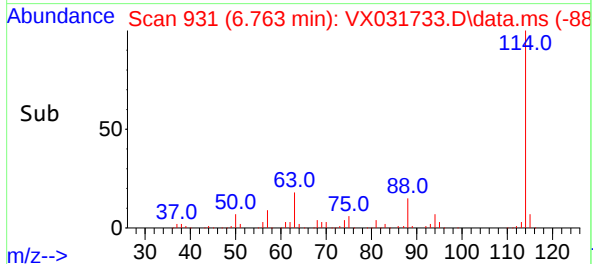
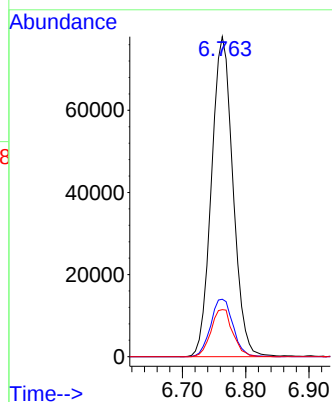
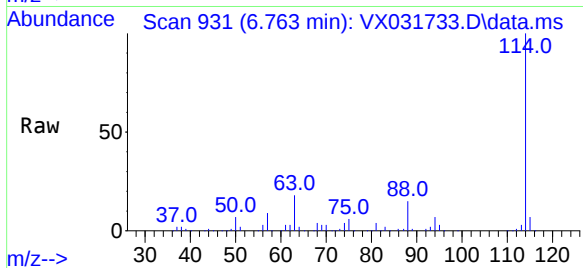
Tgt Ion:114 Resp: 183989

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.6

88 14.7 0.0 33.0



#35

Dibromofluoromethane

Concen: 46.842 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031733.D

Acq: 28 Sep 2022 17:37

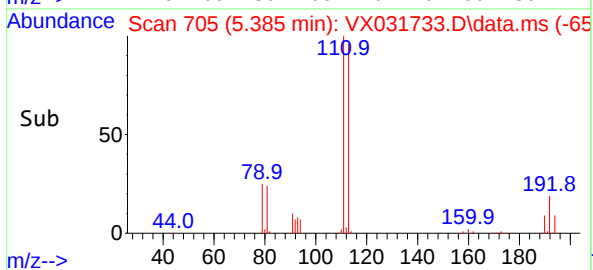
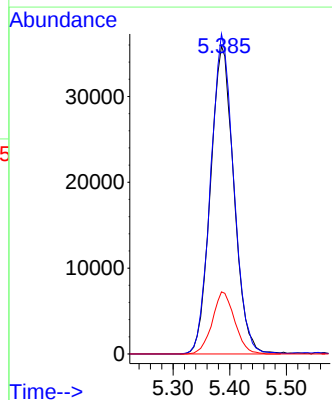
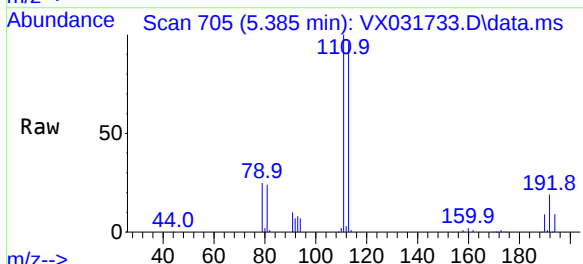
Tgt Ion:113 Resp: 102691

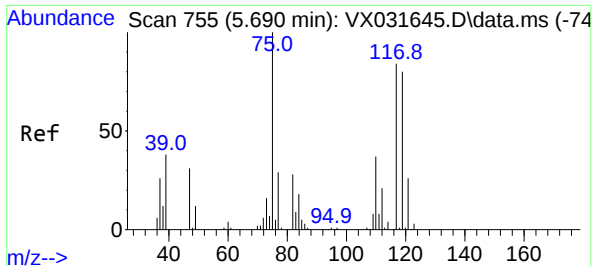
Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 19.3 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.597 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031733.D

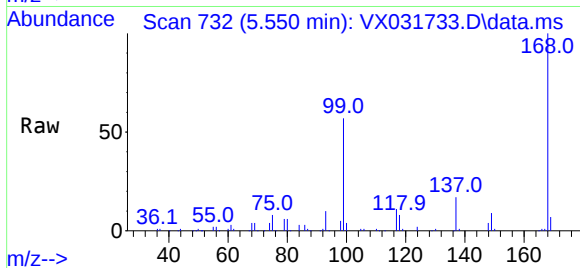
Acq: 28 Sep 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



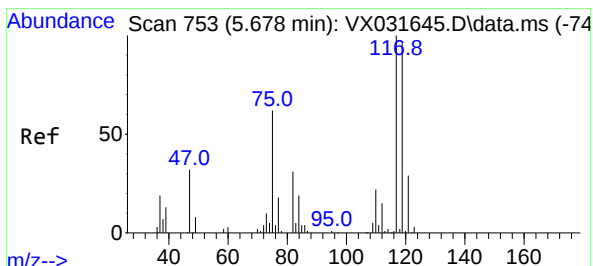
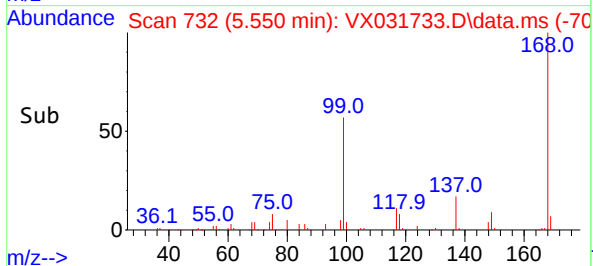
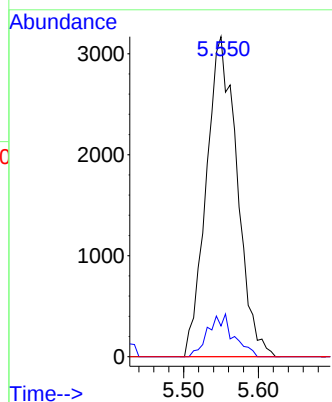
Tgt Ion: 75 Resp: 9055

Ion Ratio Lower Upper

75 100

110 11.0 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.272 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031733.D

Acq: 28 Sep 2022 17:37

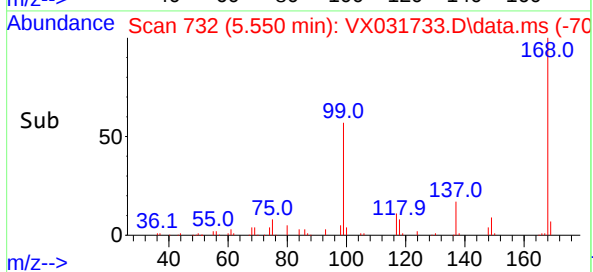
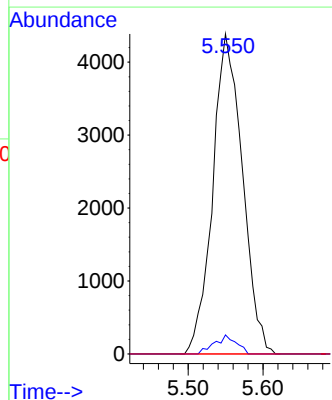
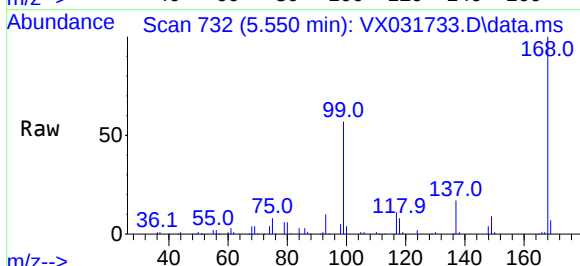
Tgt Ion: 117 Resp: 12122

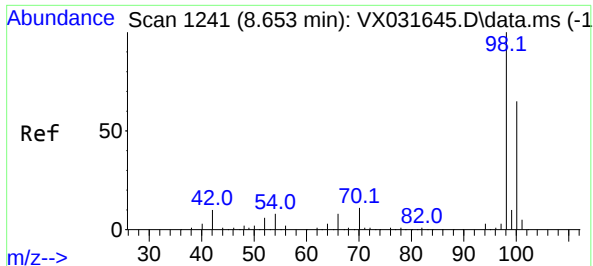
Ion Ratio Lower Upper

117 100

119 5.9 74.6 112.0#

121 0.0 25.3 37.9#

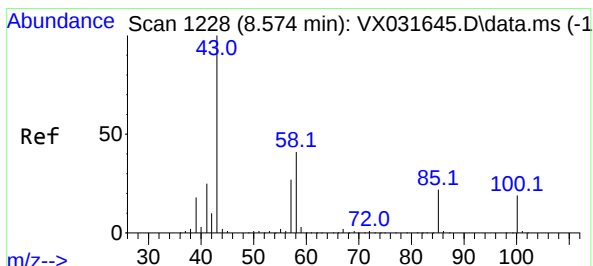
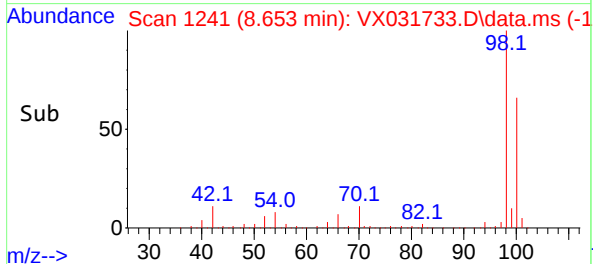
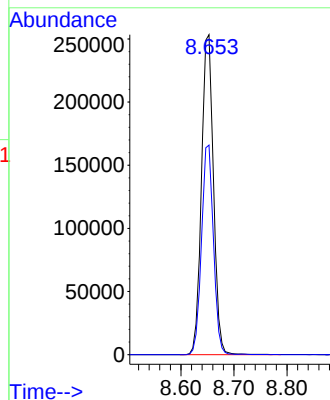
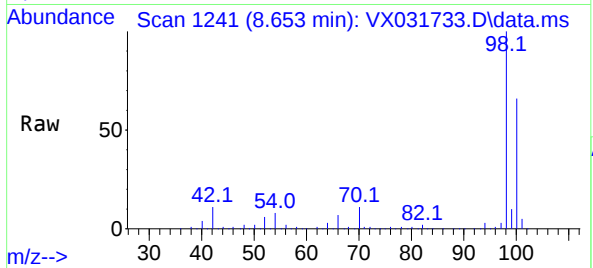




#50
Toluene-d8
Concen: 50.059 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

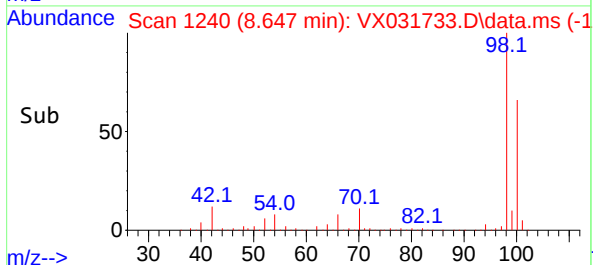
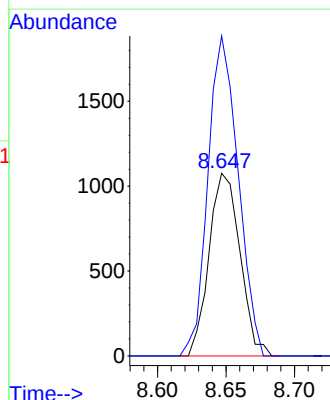
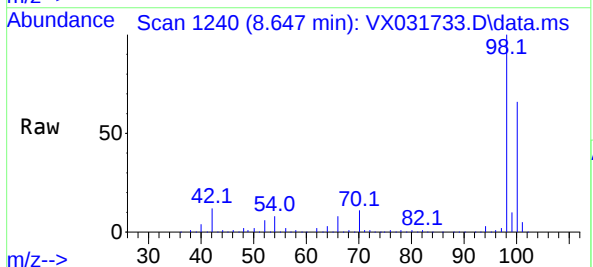
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

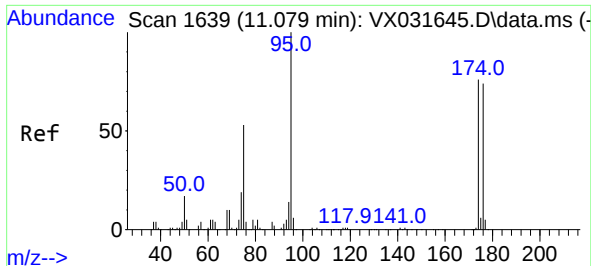
Tgt Ion: 98 Resp: 397865
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.667 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
58 171.3 30.6 46.0#

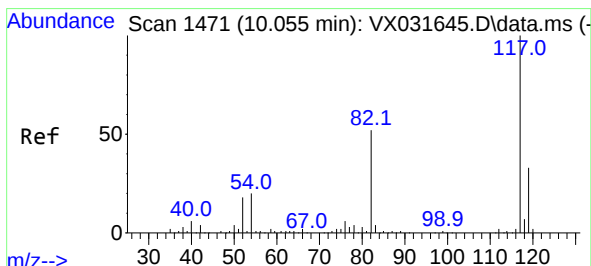
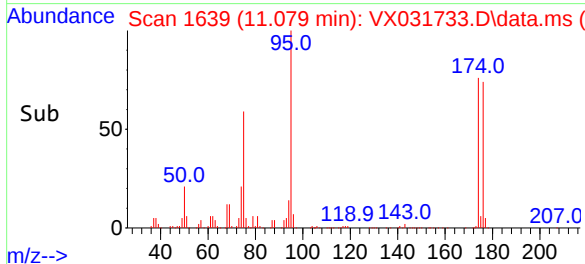
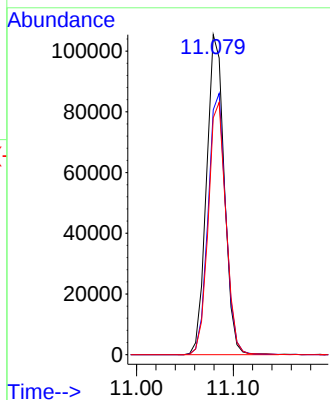
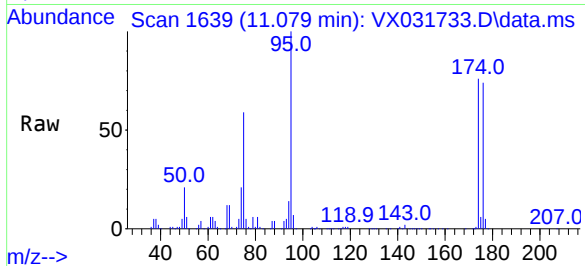




#62
4-Bromofluorobenzene
Concen: 46.120 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

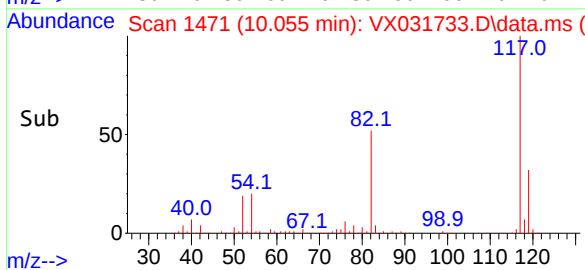
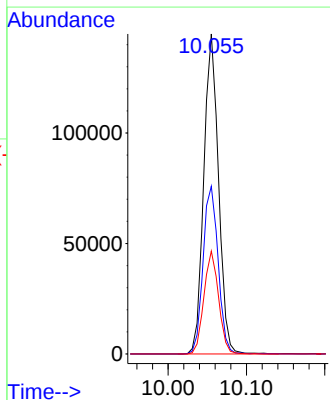
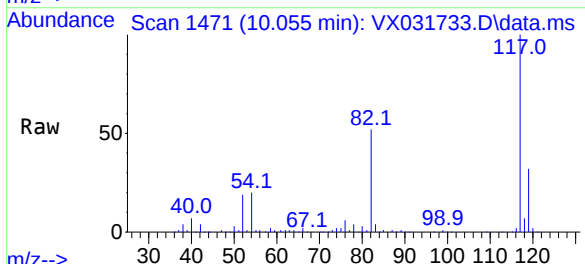
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

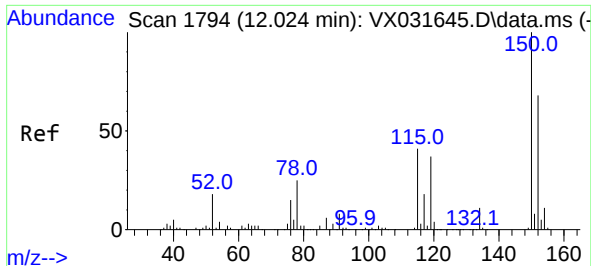
Tgt Ion: 95 Resp: 134349
Ion Ratio Lower Upper
95 100
174 81.5 0.0 153.2
176 78.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

Tgt Ion: 117 Resp: 188987
Ion Ratio Lower Upper
117 100
82 52.4 46.8 70.2
119 32.2 26.4 39.6

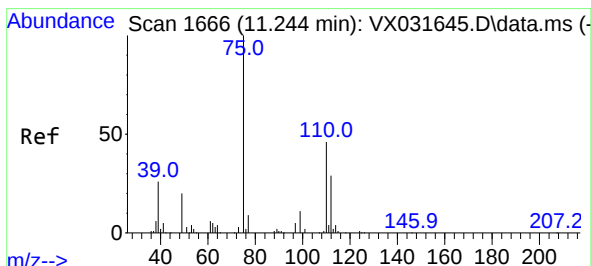
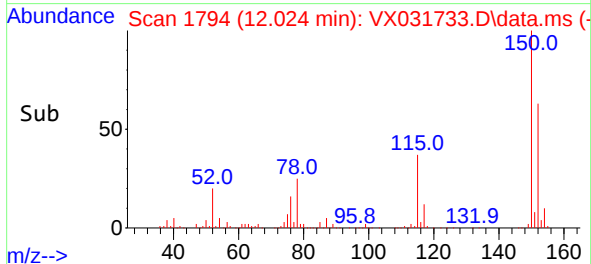
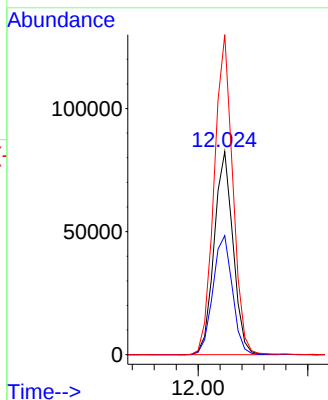
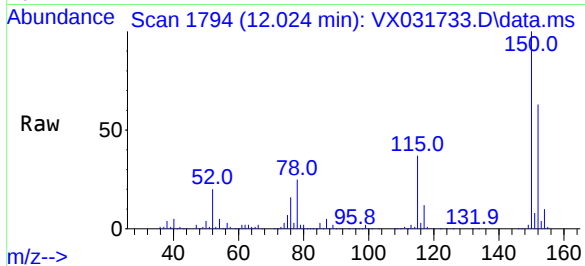




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

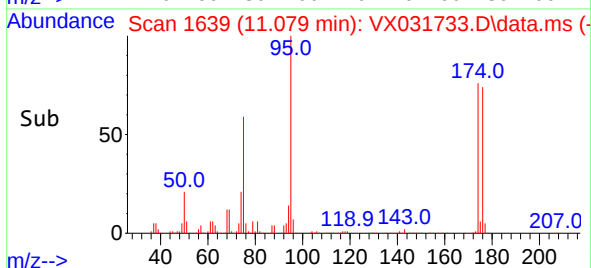
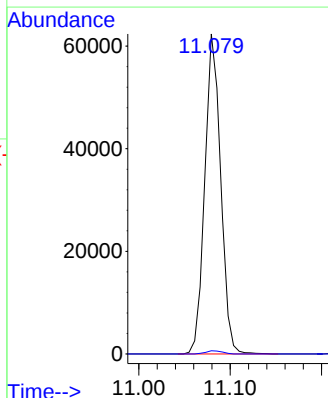
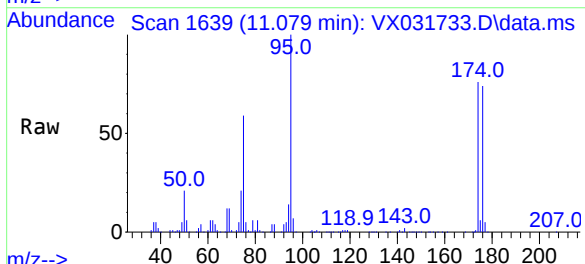
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

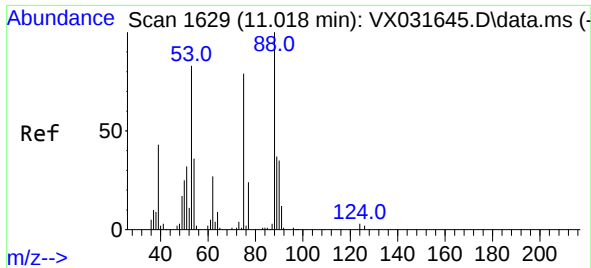
Tgt Ion:152 Resp: 98900
Ion Ratio Lower Upper
152 100
115 60.5 43.4 130.1
150 155.7 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 41.937 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031733.D
Acq: 28 Sep 2022 17:37

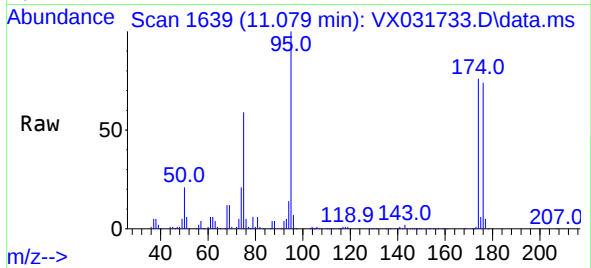
Tgt Ion: 75 Resp: 75191
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.014 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031733.D
 Acq: 28 Sep 2022 17:37

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4



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

