

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031732.D
 Acq On : 28 Sep 2022 17:14
 Operator : JC/MD
 Sample : N4691-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 29 04:32:40 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)

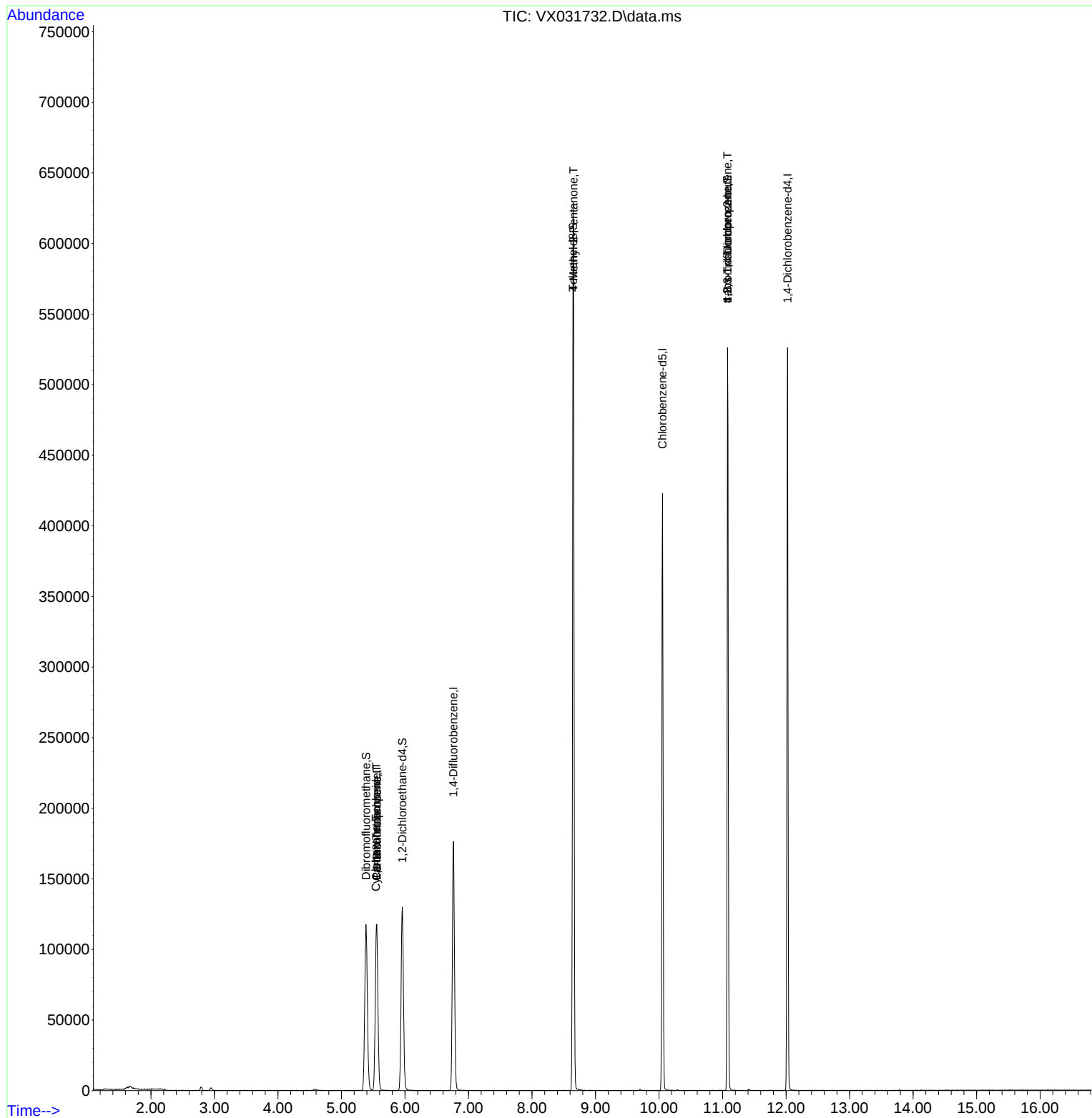
Internal Standards						
1) Pentafluorobenzene	5.556	168	111430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123252	52.115	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.240%			
35) Dibromofluoromethane	5.385	113	99233	45.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.660%			
50) Toluene-d8	8.647	98	376827	48.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.000%			
62) 4-Bromofluorobenzene	11.079	95	128030	44.497	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.000%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	20	Below Cal	#	41
5) Bromomethane	1.624	94	377	Below Cal	#	67
6) Chloroethane	1.672	64	25	Below Cal	#	43
8) Diethyl Ether	1.886	74	19	Below Cal	#	1
11) Tert butyl alcohol	2.934	59	1147	Below Cal	#	73
13) Acrolein	2.044	56	22	Below Cal	#	15
16) Acetone	2.386	43	146	Below Cal	#	45
20) Methylene Chloride	2.788	84	1300	Below Cal	#	75
31) Cyclohexane	5.544	56	2618	1.164	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	8912	3.584	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11902	4.247	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1584	0.634	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	70344	37.266	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	70344	122.093	ug/l #	11

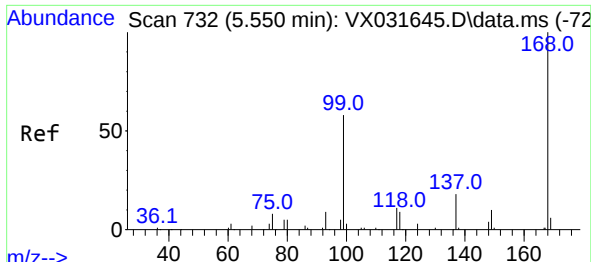
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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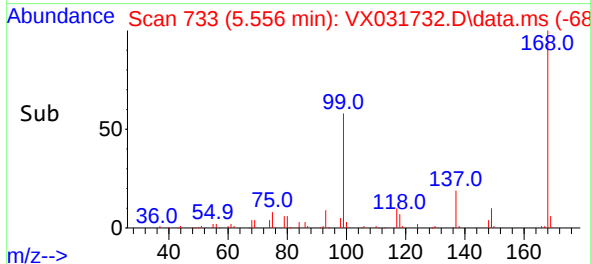
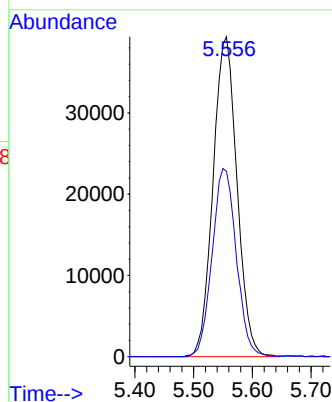
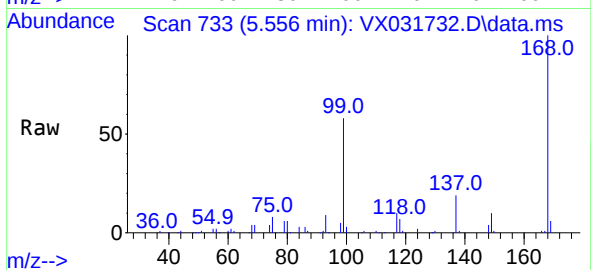




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

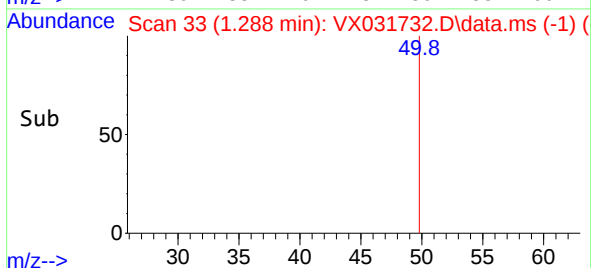
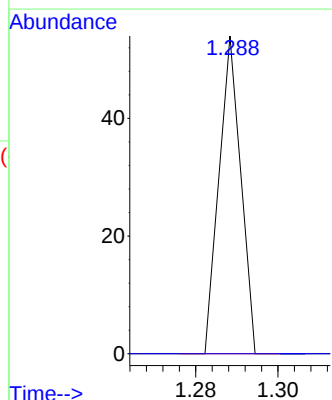
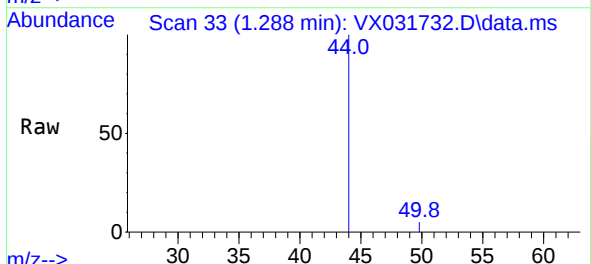
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

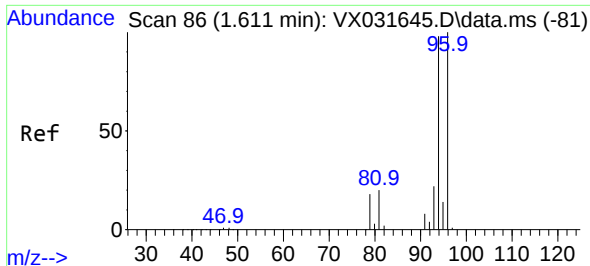
Tgt Ion:168 Resp: 111430
Ion Ratio Lower Upper
168 100
99 58.0 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

Tgt Ion: 50 Resp: 20
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

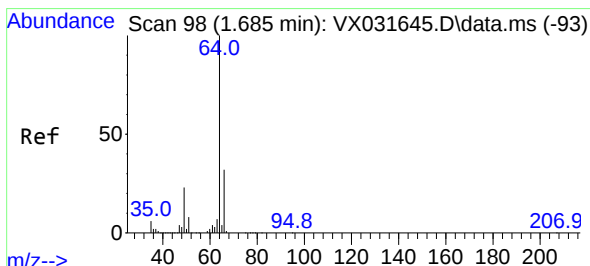
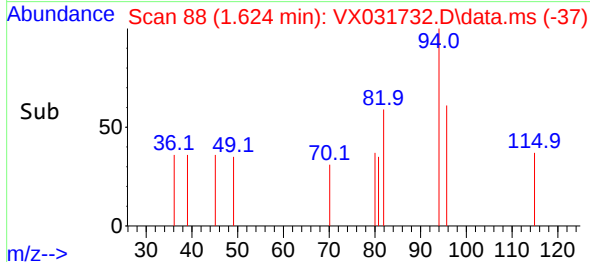
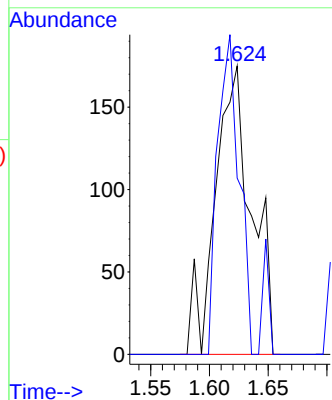
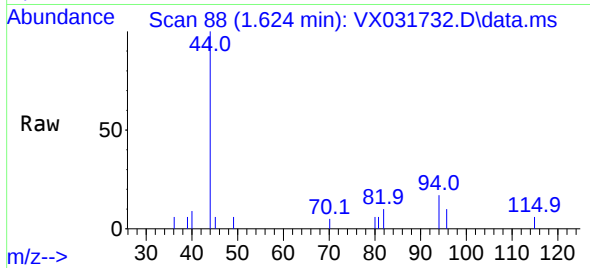




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

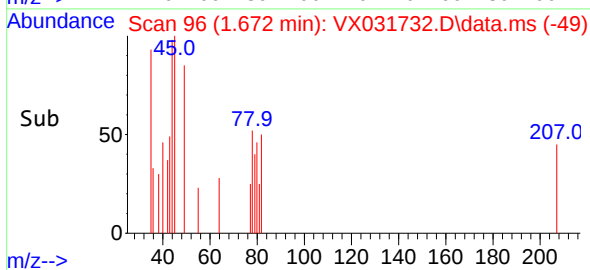
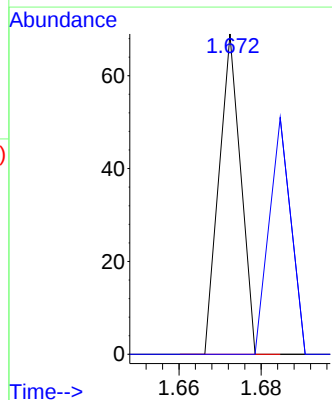
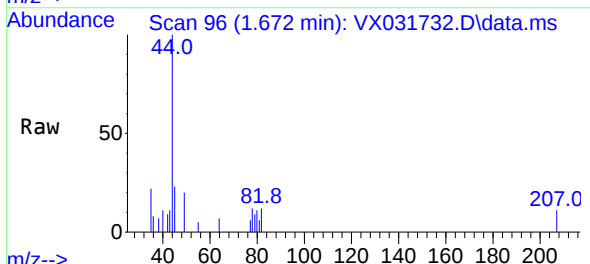
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

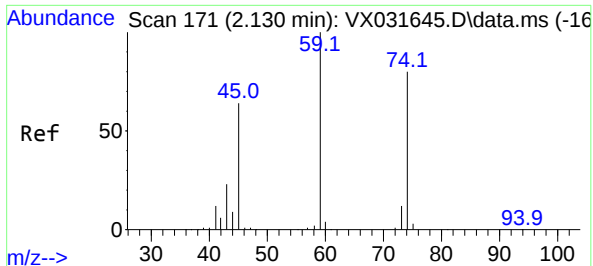
Tgt Ion: 94 Resp: 377
Ion Ratio Lower Upper
94 100
96 61.1 74.4 111.6#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

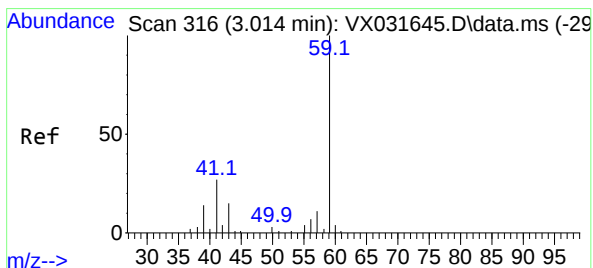
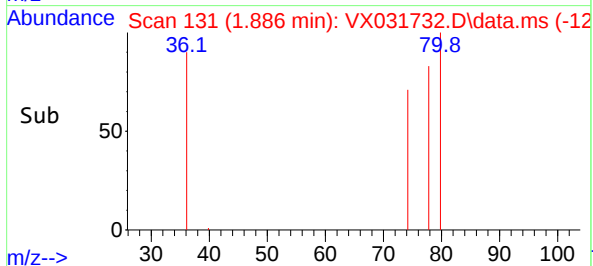
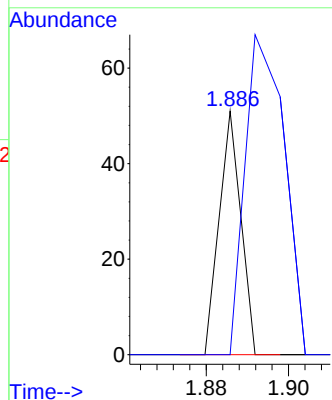
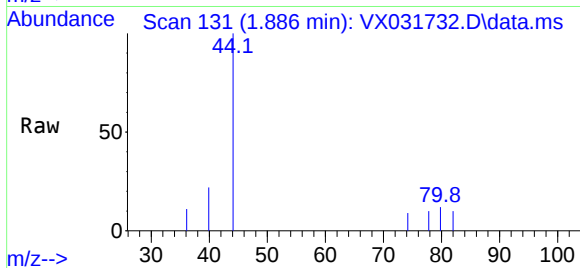




#8
Diethyl Ether
Concen: Below Cal
RT: 1.886 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

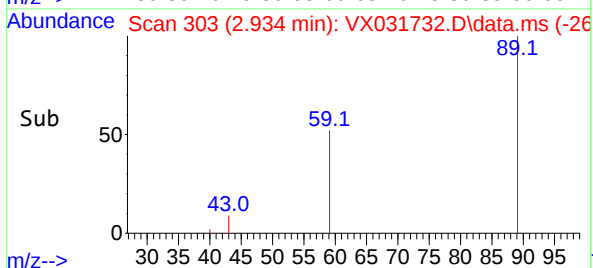
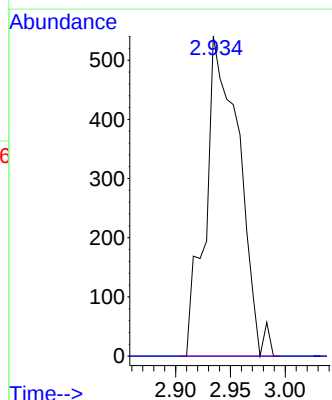
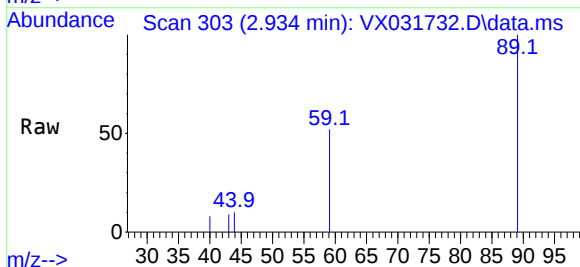
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

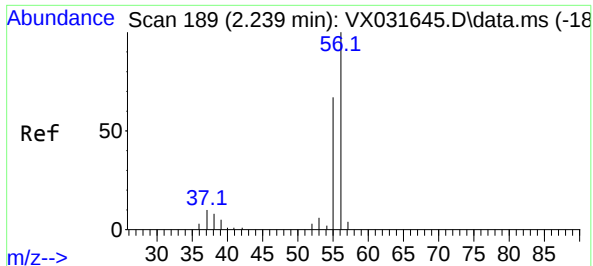
Tgt Ion: 74 Resp: 19
Ion Ratio Lower Upper
74 100
45 231.6 48.5 145.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 303
Delta R.T. -0.055 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

Tgt Ion: 59 Resp: 1147
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

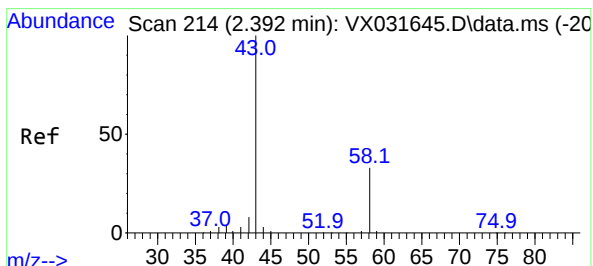
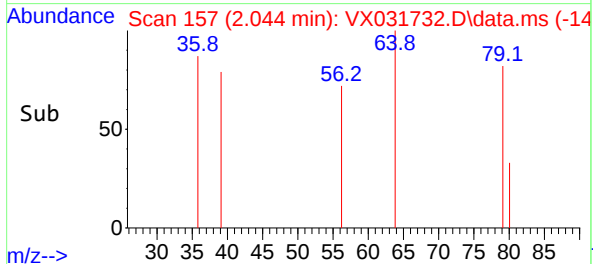
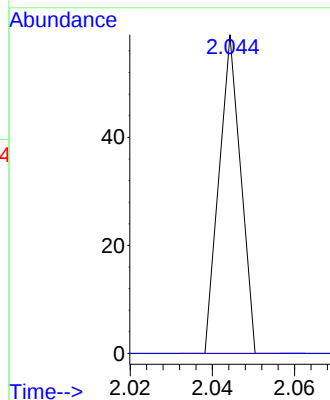
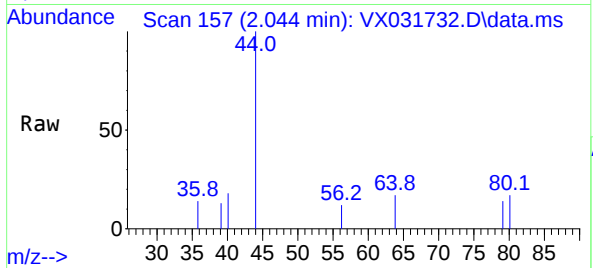




#13
Acrolein
Concen: Below Cal
RT: 2.044 min Scan# 11
Delta R.T. -0.195 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

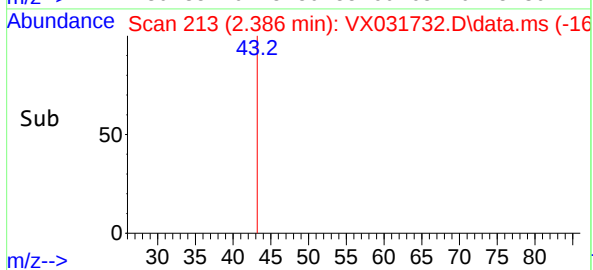
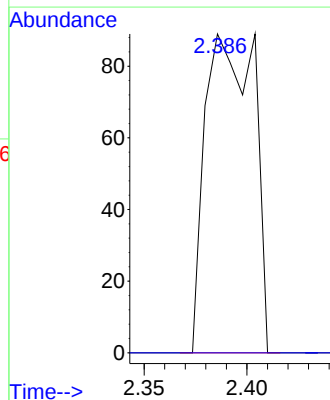
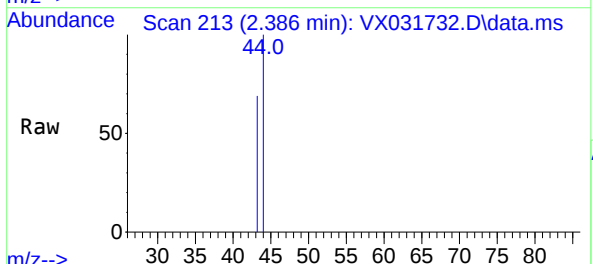
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

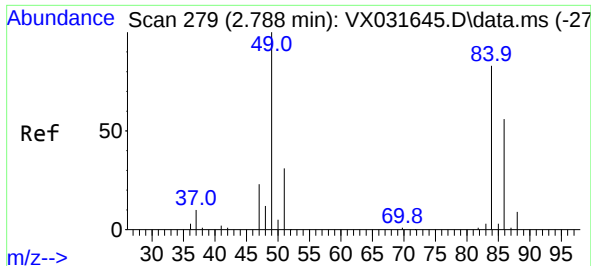
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

Tgt Ion: 43 Resp: 146
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031732.D

Acq: 28 Sep 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

Tgt Ion: 84 Resp: 1300

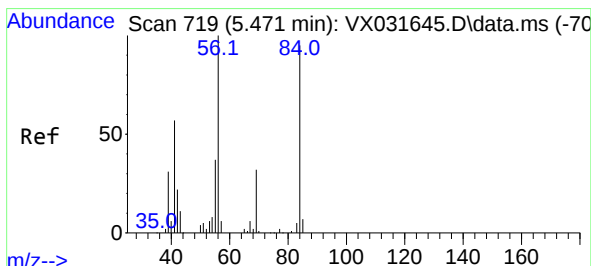
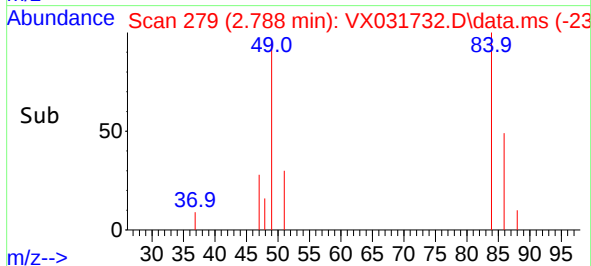
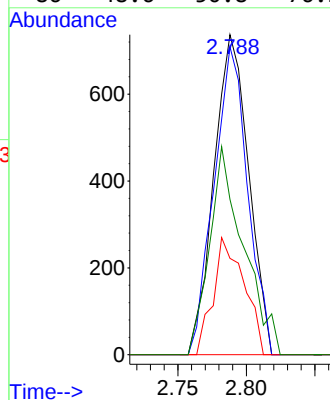
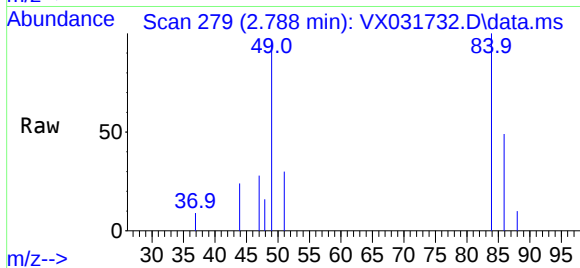
Ion Ratio Lower Upper

84 100

49 96.2 105.9 158.9#

51 30.1 32.2 48.2#

86 48.6 50.8 76.2#



#31

Cyclohexane

Concen: 1.164 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX031732.D

Acq: 28 Sep 2022 17:14

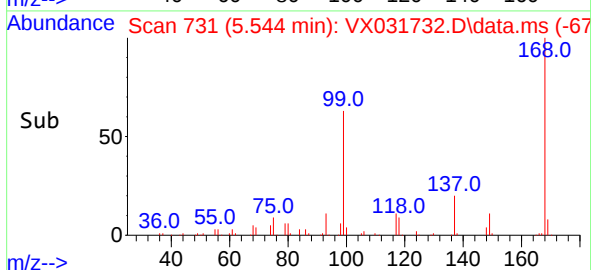
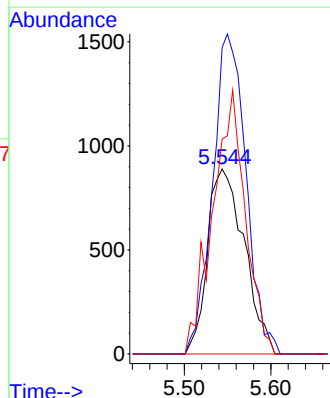
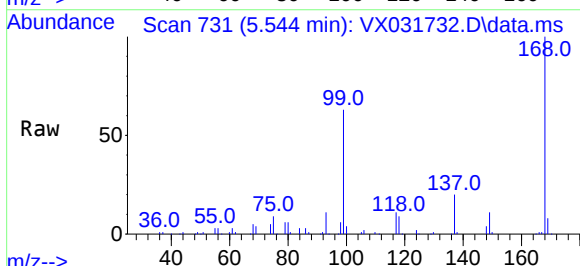
Tgt Ion: 56 Resp: 2618

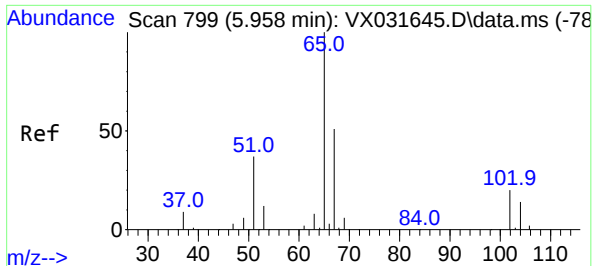
Ion Ratio Lower Upper

56 100

69 165.7 25.1 37.7#

84 116.2 70.2 105.4#

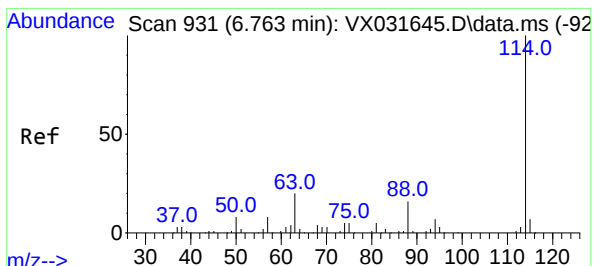
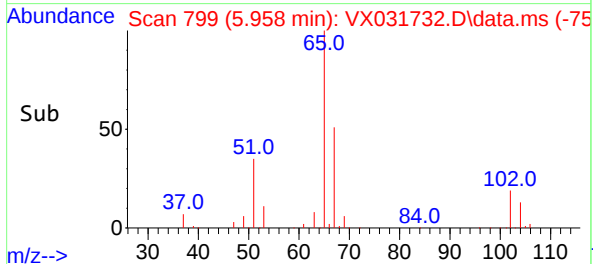
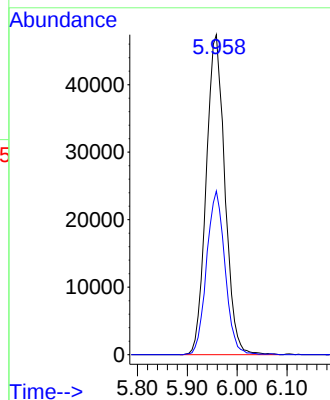
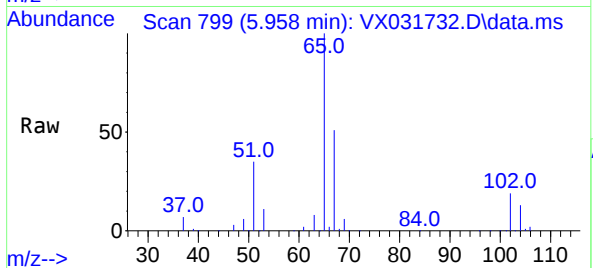




#33
1,2-Dichloroethane-d4
Concen: 52.115 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

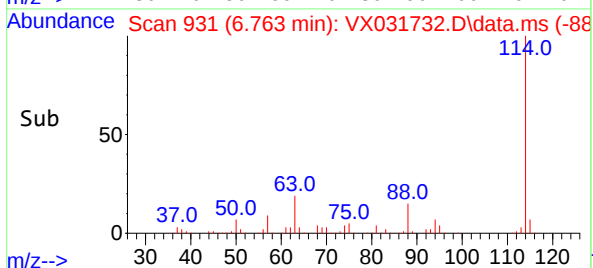
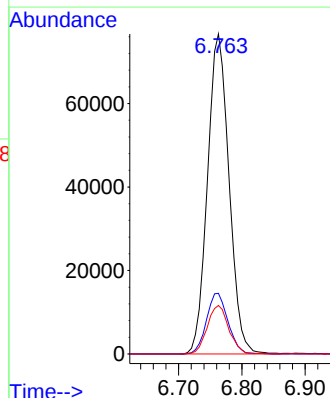
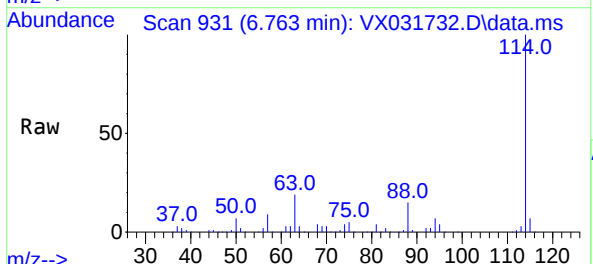
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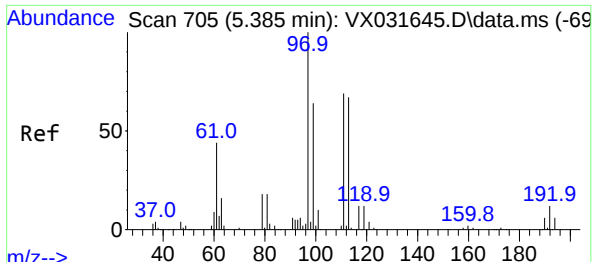
Tgt Ion: 65 Resp: 123252
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

Tgt Ion: 114 Resp: 181729
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.6
88 15.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.828 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031732.D

Acq: 28 Sep 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

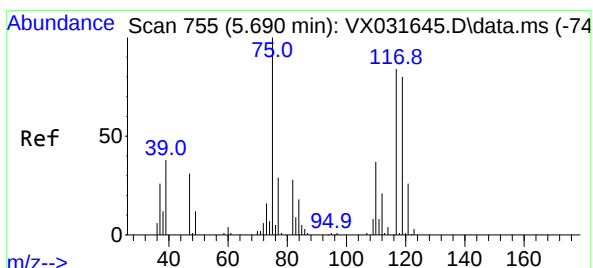
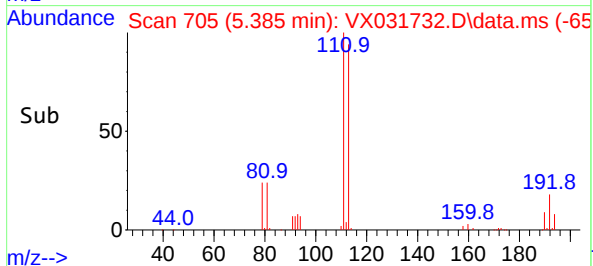
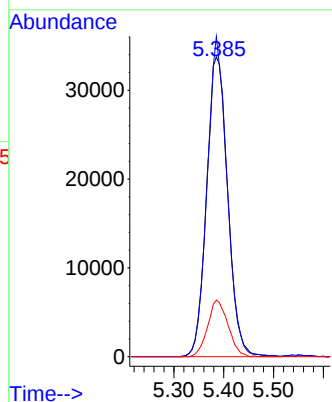
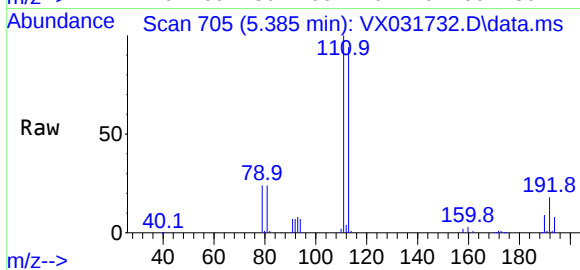
Tgt Ion:113 Resp: 99233

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

192 18.3 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.584 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX031732.D

Acq: 28 Sep 2022 17:14

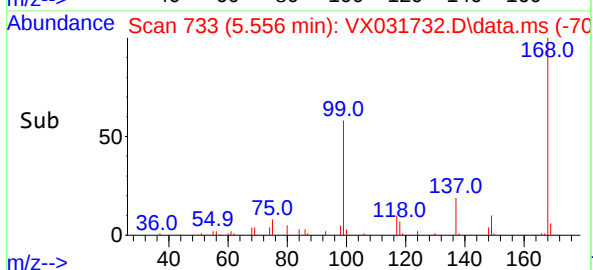
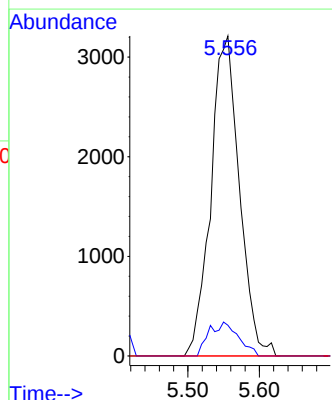
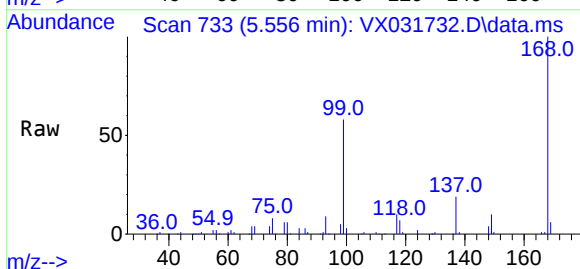
Tgt Ion: 75 Resp: 8912

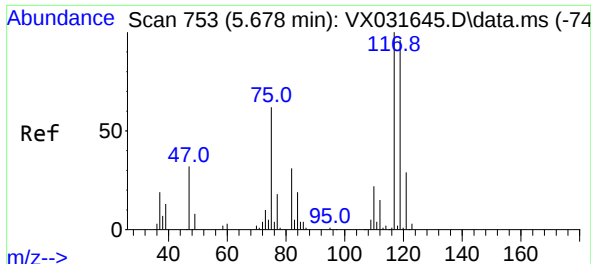
Ion Ratio Lower Upper

75 100

110 10.9 17.5 52.5#

77 0.0 24.9 37.3#

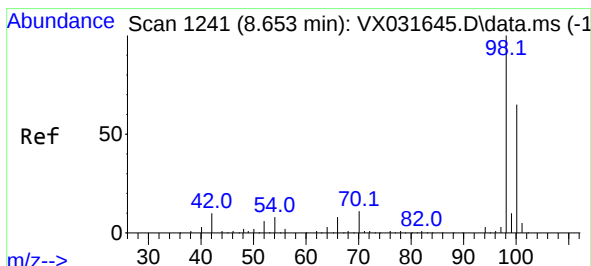
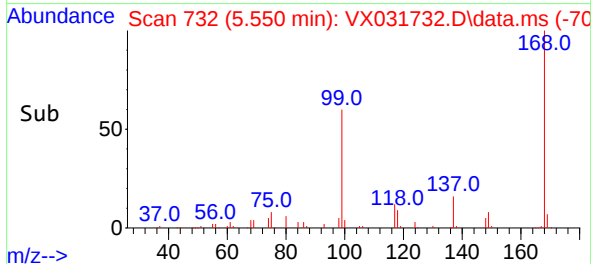
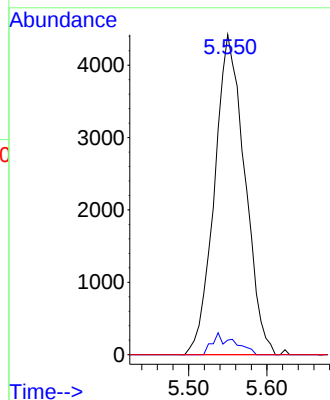
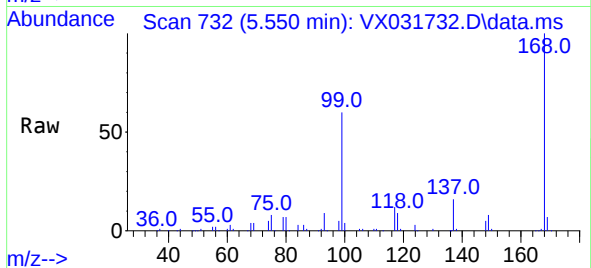




#38
Carbon Tetrachloride
Concen: 4.247 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

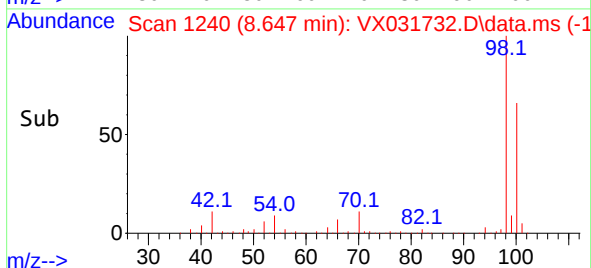
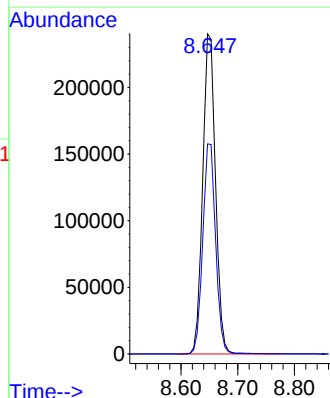
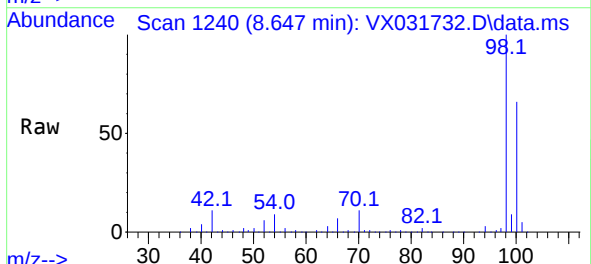
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

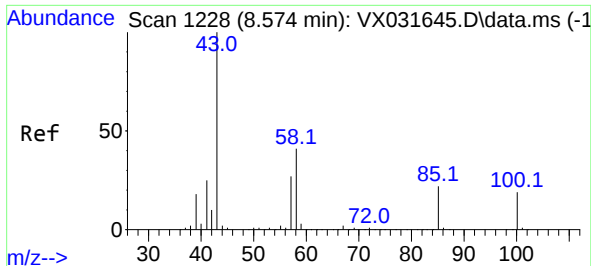
Tgt Ion:117 Resp: 11902
Ion Ratio Lower Upper
117 100
119 4.6 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.002 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

Tgt Ion: 98 Resp: 376827
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

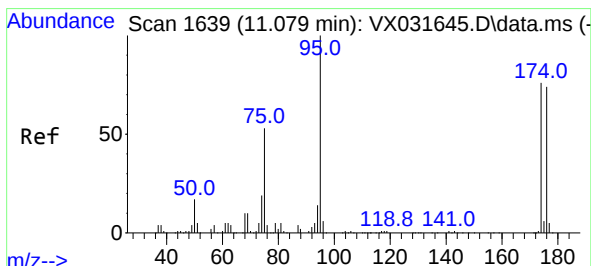
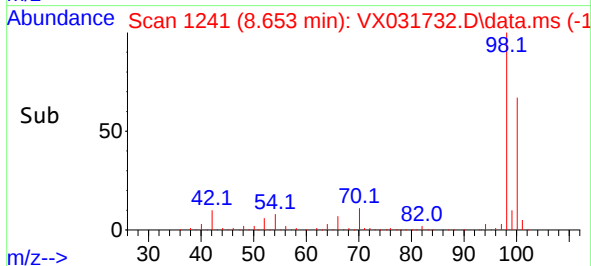
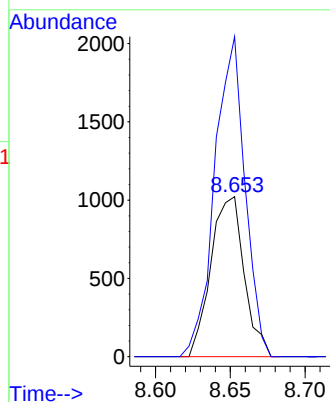
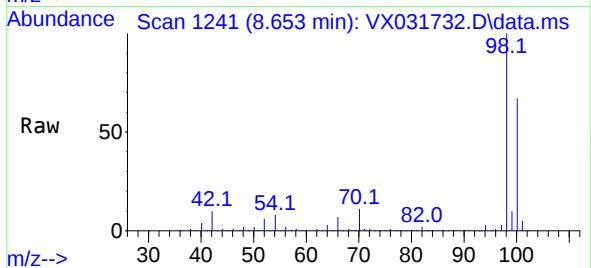




#51
4-Methyl-2-Pentanone
Concen: 0.634 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

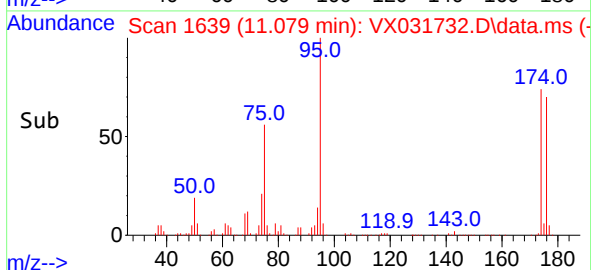
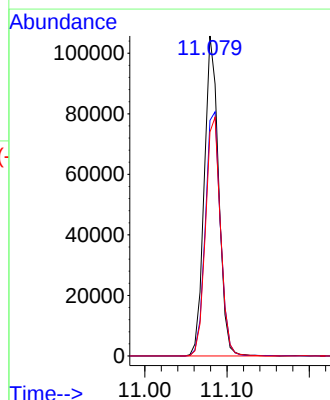
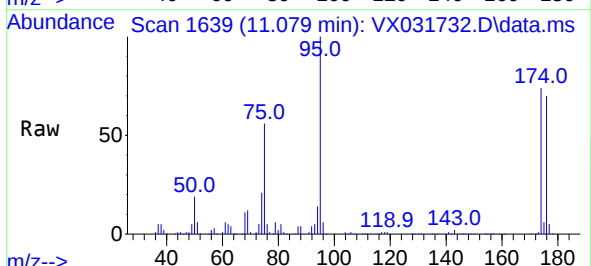
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

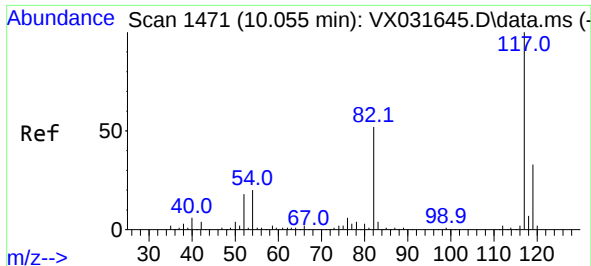
Tgt Ion: 43 Resp: 1584
Ion Ratio Lower Upper
43 100
58 181.6 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 44.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

Tgt Ion: 95 Resp: 128030
Ion Ratio Lower Upper
95 100
174 79.9 0.0 153.2
176 77.6 0.0 144.0

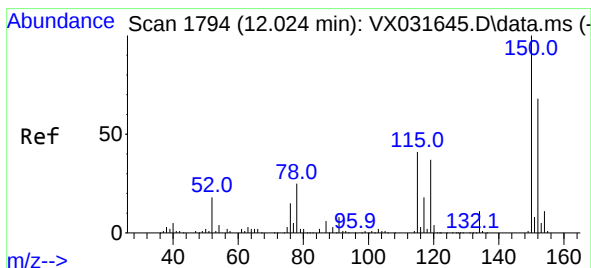
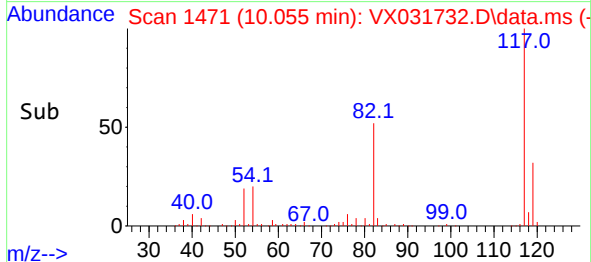
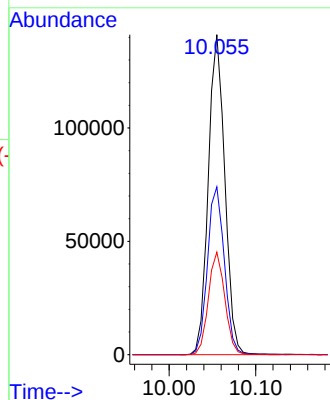
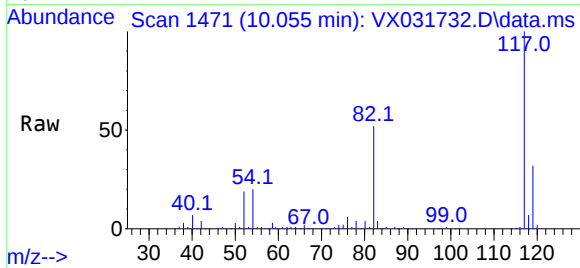




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

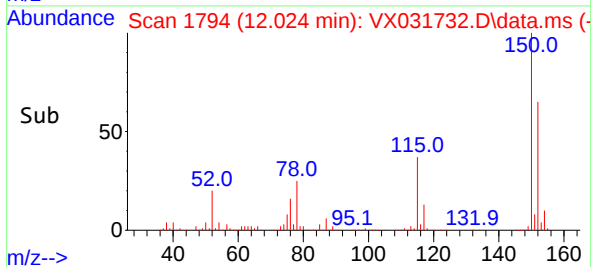
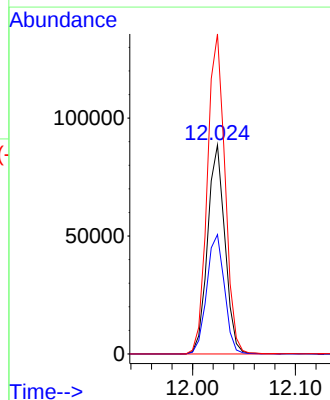
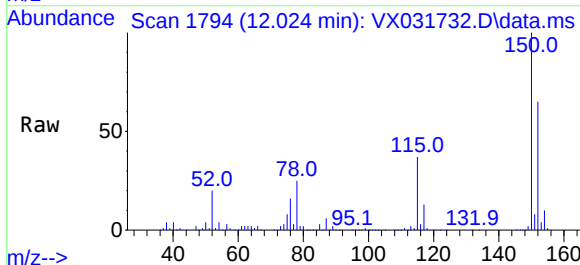
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

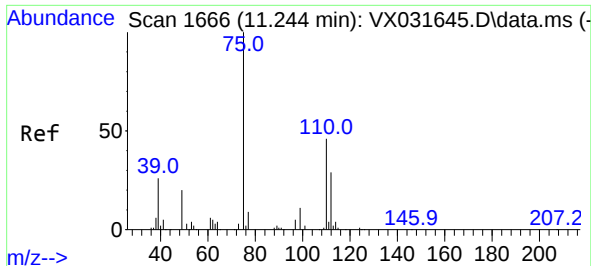
Tgt Ion:117 Resp: 187191
Ion Ratio Lower Upper
117 100
82 52.4 46.8 70.2
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

Tgt Ion:152 Resp: 104122
Ion Ratio Lower Upper
152 100
115 58.6 43.4 130.1
150 155.9 0.0 346.8

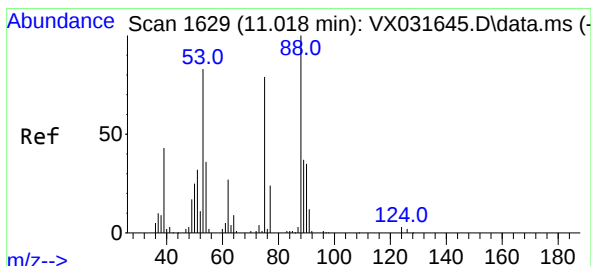
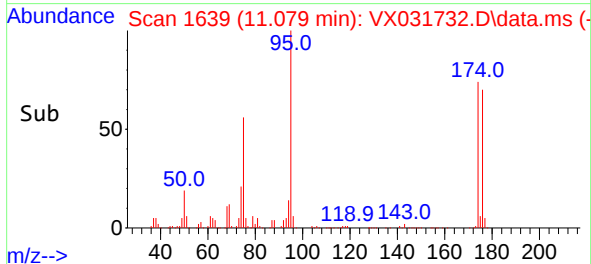
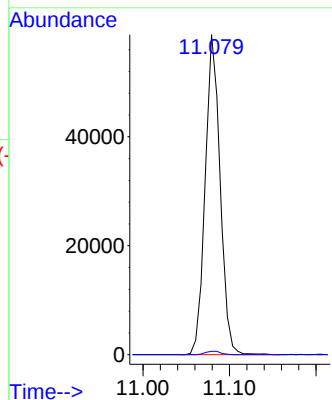
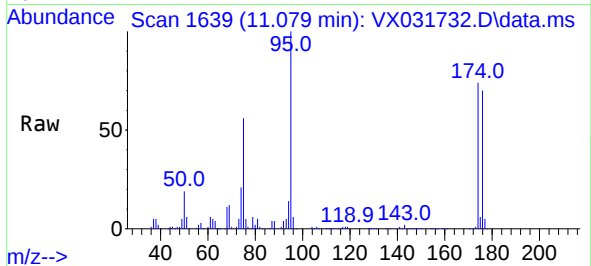




#76
1,2,3-Trichloropropane
Concen: 37.266 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 70344
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031732.D
Acq: 28 Sep 2022 17:14

Tgt Ion: 75 Resp: 70344
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

