

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031517.D
 Acq On : 21 Sep 2022 12:22
 Operator : JC/MD
 Sample : N4583-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 22 01:12:06 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)

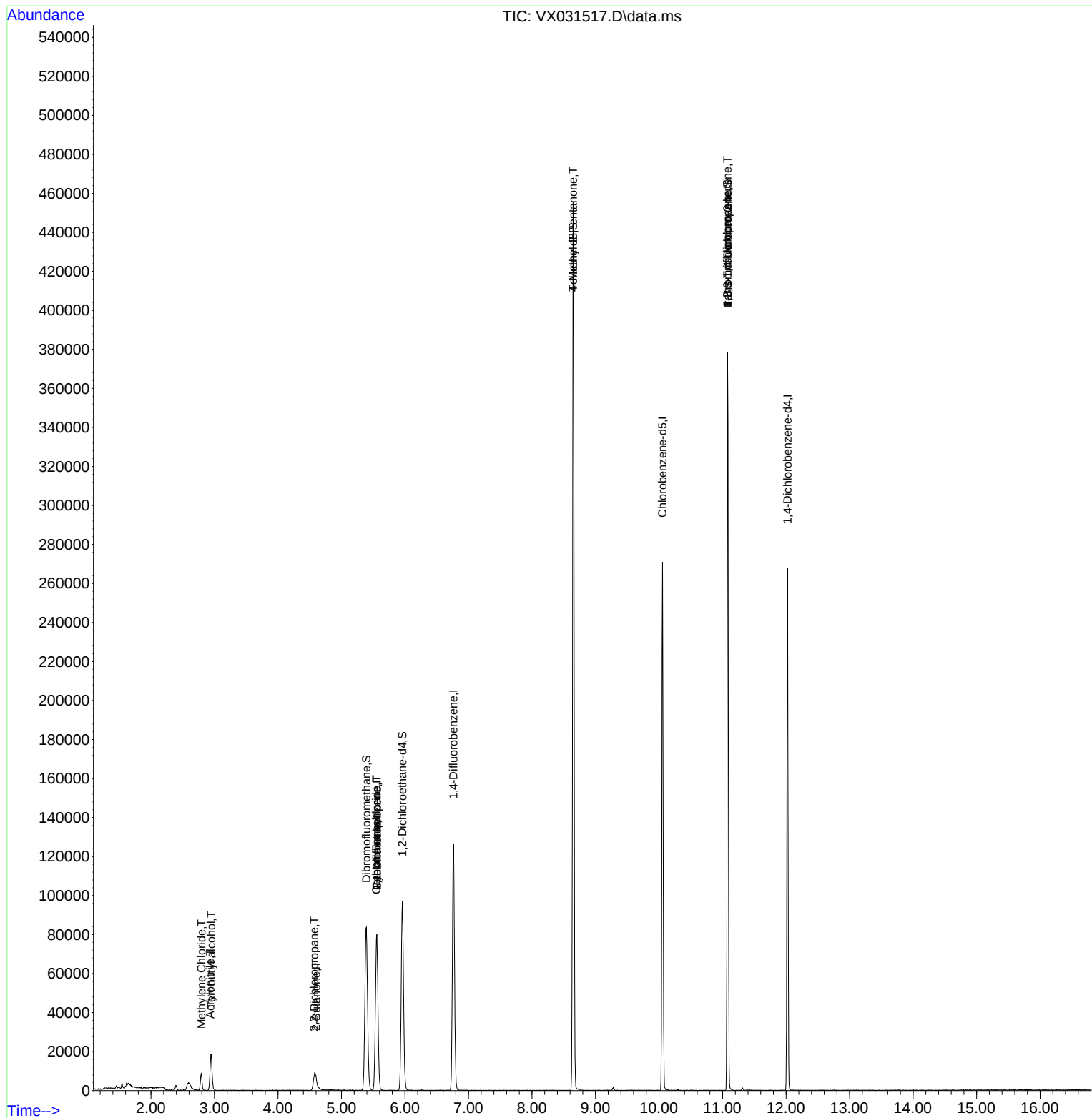
Internal Standards						
1) Pentafluorobenzene	5.556	168	77914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82624	57.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.780%	
35) Dibromofluoromethane	5.391	113	69870	52.700	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.400%	
50) Toluene-d8	8.647	98	268935	52.586	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.180%	
62) 4-Bromofluorobenzene	11.079	95	83933	48.451	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.900%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	106	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	9991	1.169	ug/l #	75
15) Acrylonitrile	2.934	53	216	0.287	ug/l #	17
16) Acetone	2.392	43	2784	Below Cal		90
20) Methylene Chloride	2.794	84	3629	0.529	ug/l #	81
25) 2-Butanone	4.599	43	770	0.698	ug/l #	49
26) 2,2-Dichloropropane	4.568	77	849	0.397	ug/l #	54
31) Cyclohexane	5.556	56	2064	0.974	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	6212	3.044	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7384	3.265	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1422	0.591	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.085	83	157	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	47535	39.934	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47535	128.582	ug/l #	11

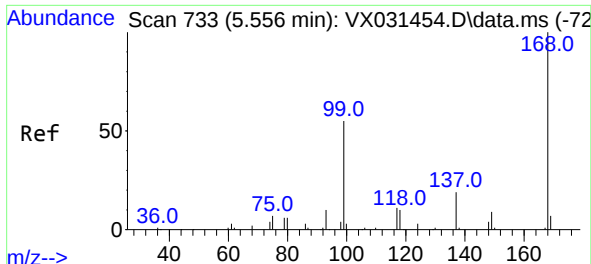
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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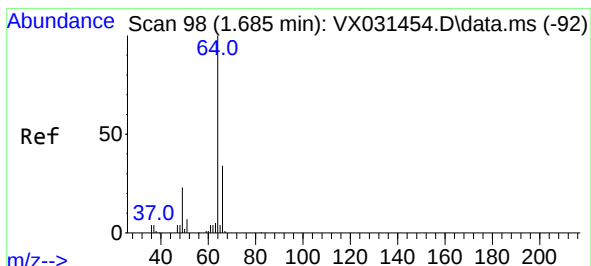
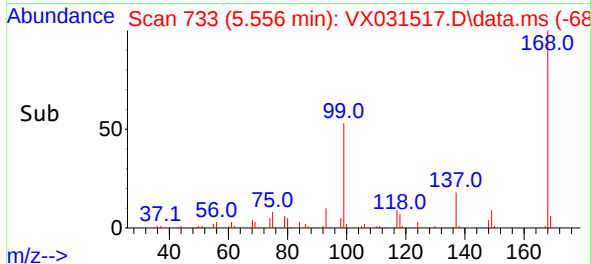
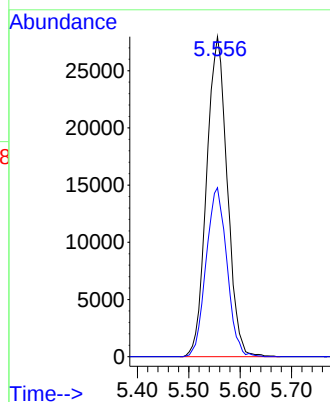
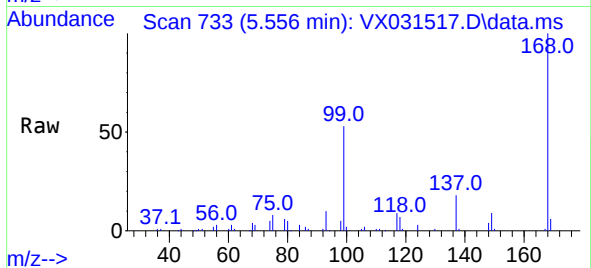




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

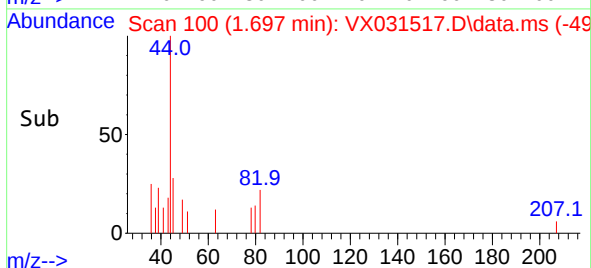
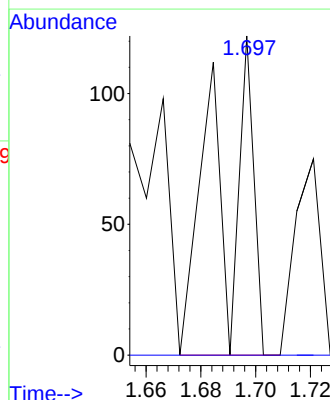
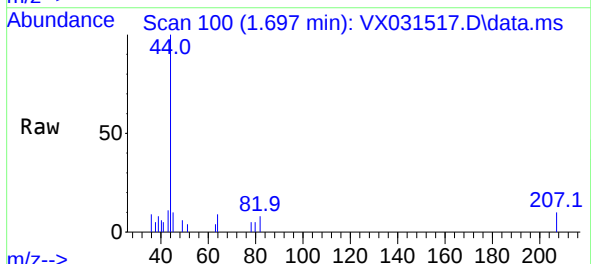
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

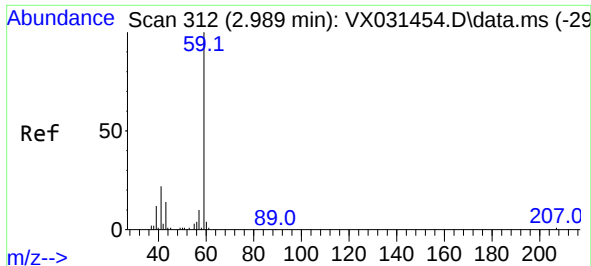
Tgt Ion:168 Resp: 77914
Ion Ratio Lower Upper
168 100
99 52.8 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

Tgt Ion: 64 Resp: 106
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 1.169 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031517.D

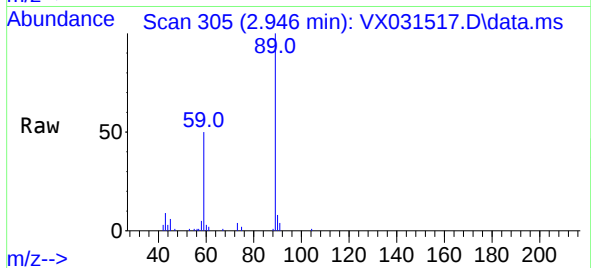
Acq: 21 Sep 2022 12:22

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

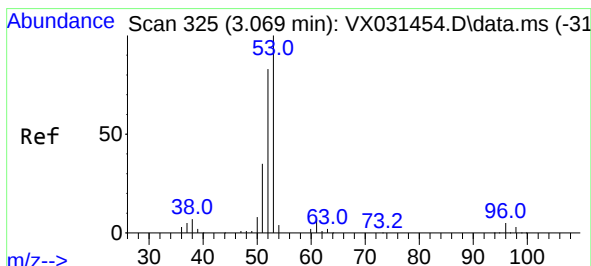
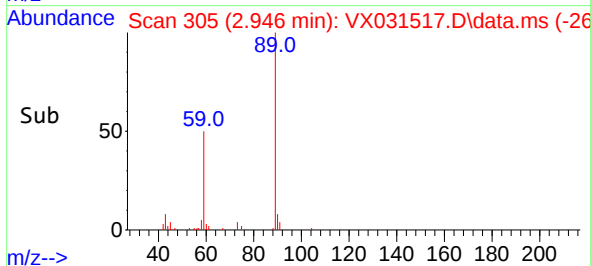
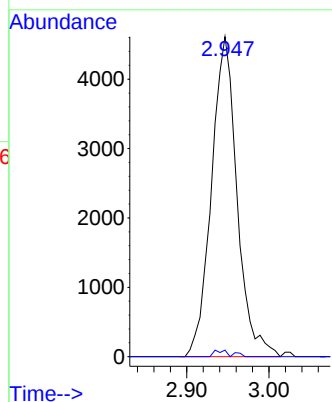


Tgt Ion: 59 Resp: 9991

Ion Ratio Lower Upper

59 100

57 0.9 8.2 12.2#



#15

Acrylonitrile

Concen: 0.287 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.135 min

Lab File: VX031517.D

Acq: 21 Sep 2022 12:22

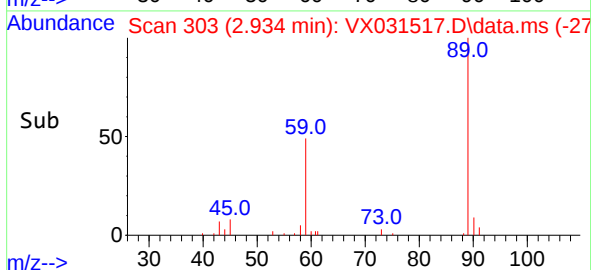
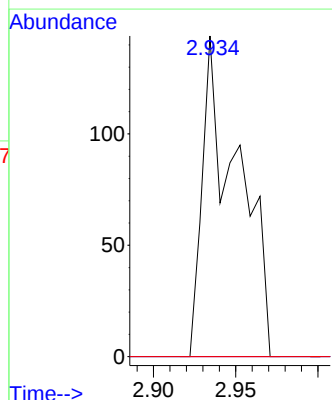
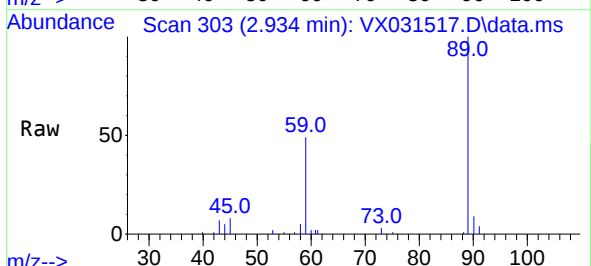
Tgt Ion: 53 Resp: 216

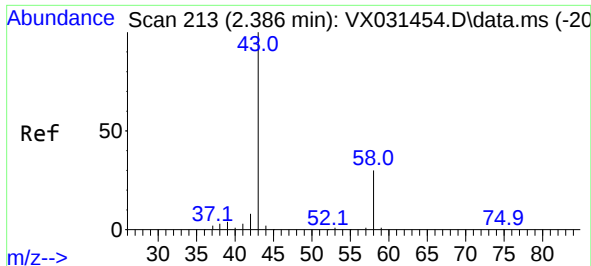
Ion Ratio Lower Upper

53 100

52 0.0 66.9 100.3#

51 0.0 30.0 45.0#

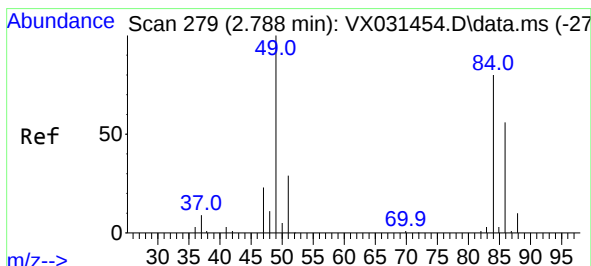
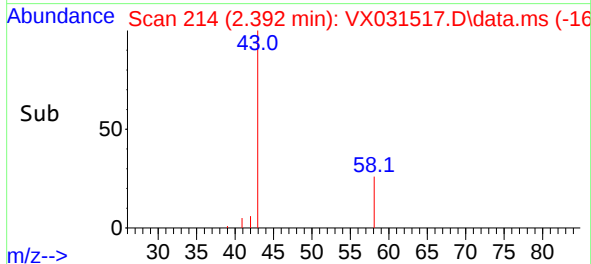
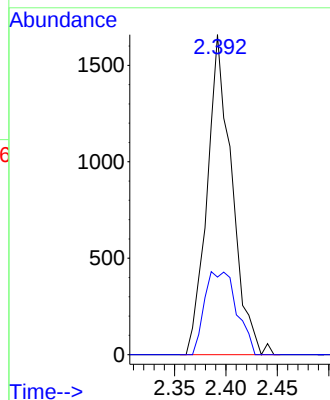
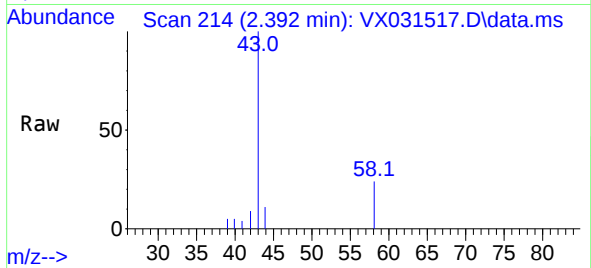




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

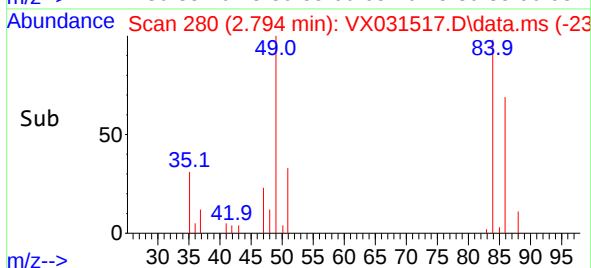
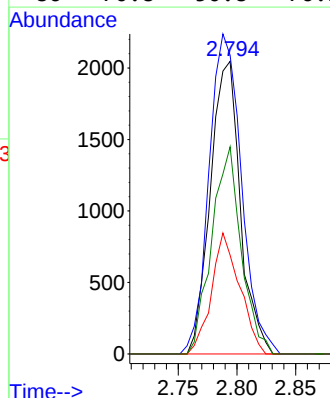
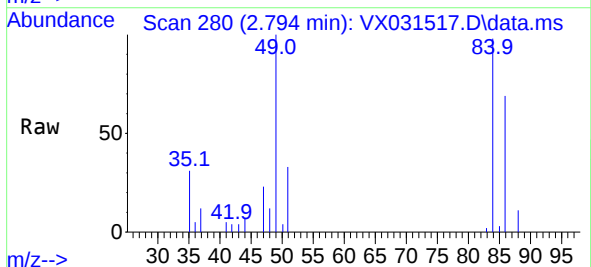
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

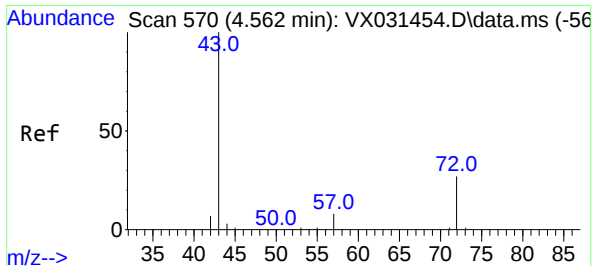
Tgt Ion: 43 Resp: 2784
Ion Ratio Lower Upper
43 100
58 24.2 23.8 35.8



#20
Methylene Chloride
Concen: 0.529 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

Tgt Ion: 84 Resp: 3629
Ion Ratio Lower Upper
84 100
49 102.1 105.9 158.9#
51 33.7 32.2 48.2
86 70.8 50.8 76.2





#25

2-Butanone

Concen: 0.698 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX031517.D

Acq: 21 Sep 2022 12:22

Instrument :

MSVOA_X

ClientSampleId :

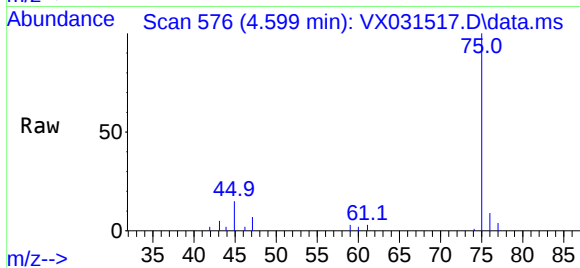
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 770

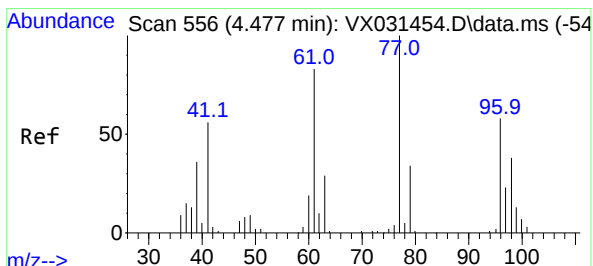
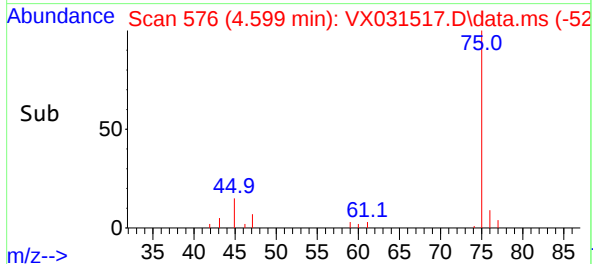
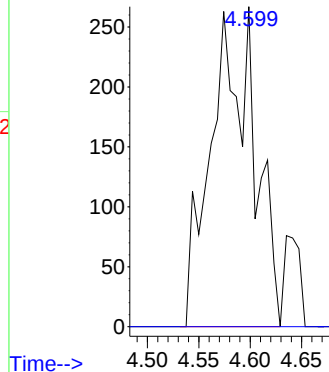
Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



Abundance



#26

2,2-Dichloropropane

Concen: 0.397 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.091 min

Lab File: VX031517.D

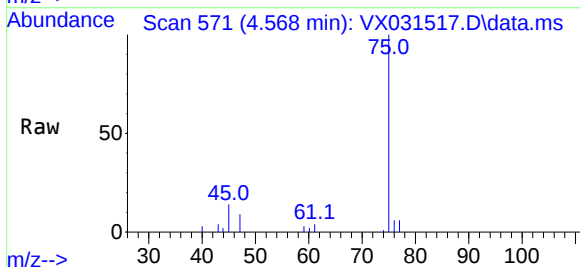
Acq: 21 Sep 2022 12:22

Tgt Ion: 77 Resp: 849

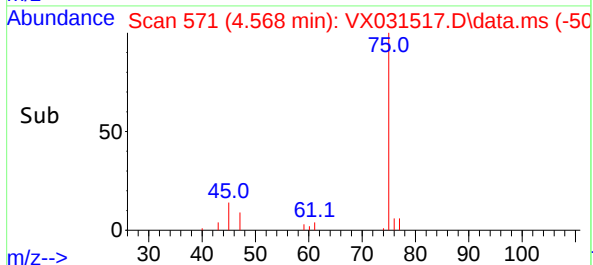
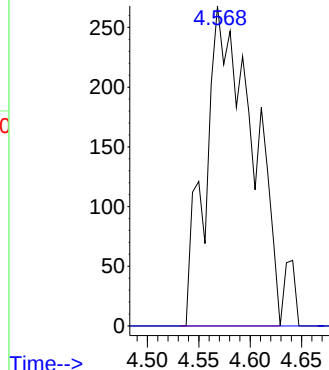
Ion Ratio Lower Upper

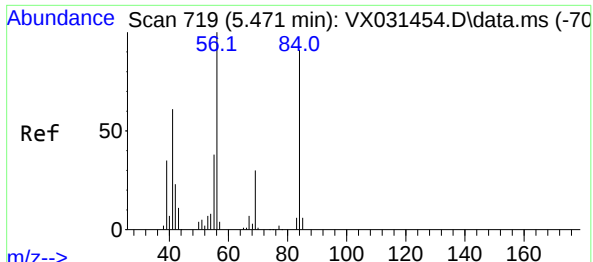
77 100

97 0.0 10.9 32.6#



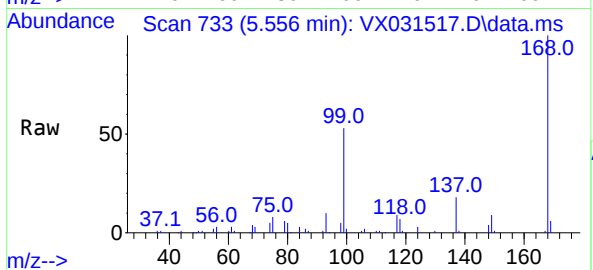
Abundance



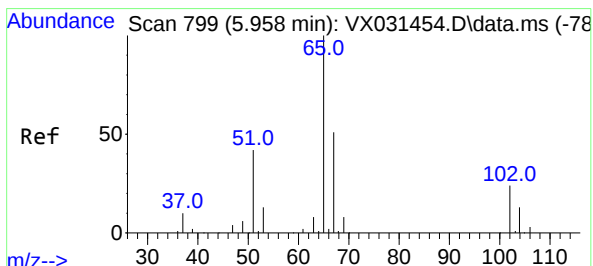
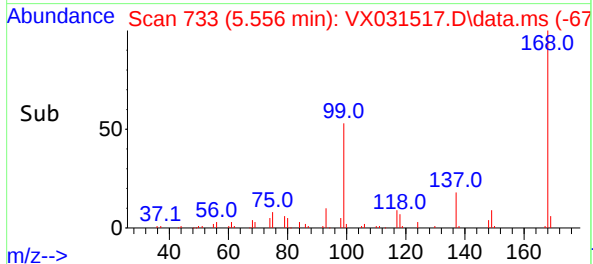
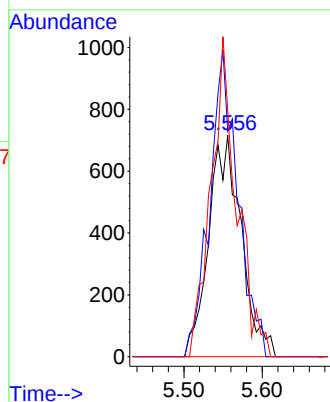


#31
Cyclohexane
Concen: 0.974 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

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

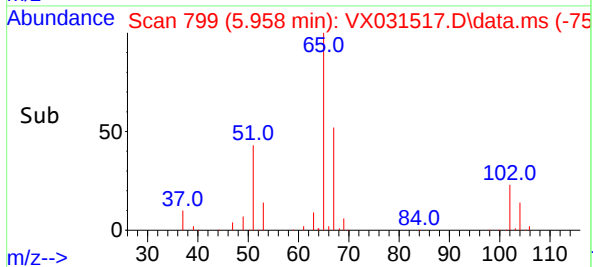
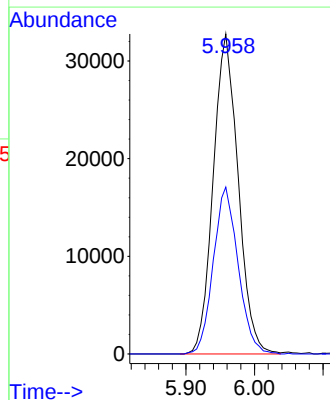
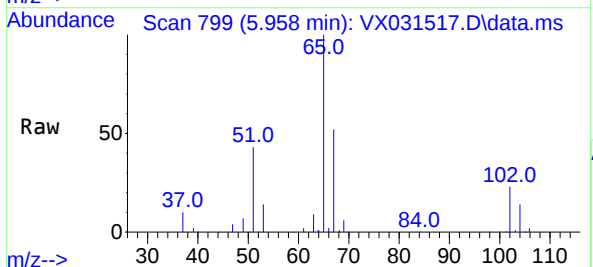


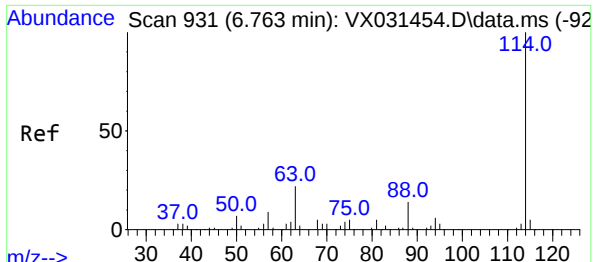
Tgt Ion: 56 Resp: 2064
Ion Ratio Lower Upper
56 100
69 101.7 25.1 37.7#
84 111.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 57.886 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

Tgt Ion: 65 Resp: 82624
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

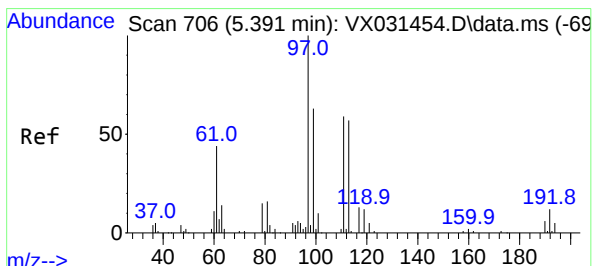
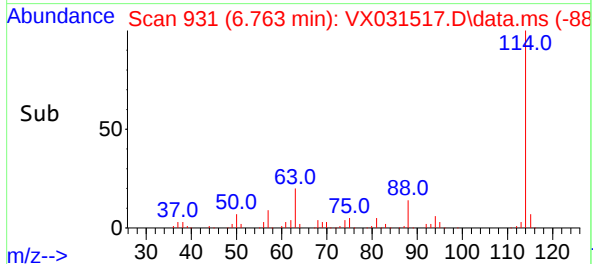
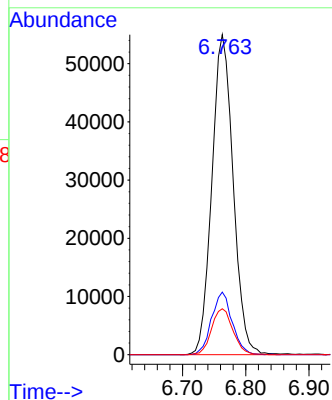
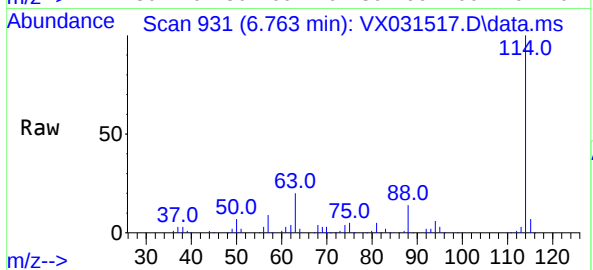




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

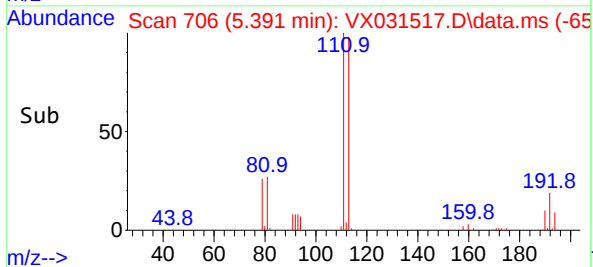
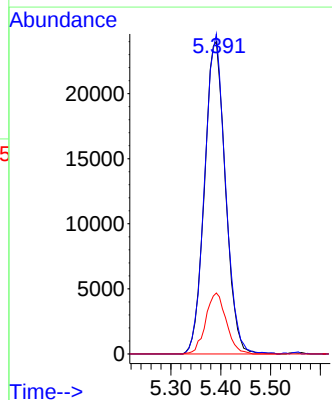
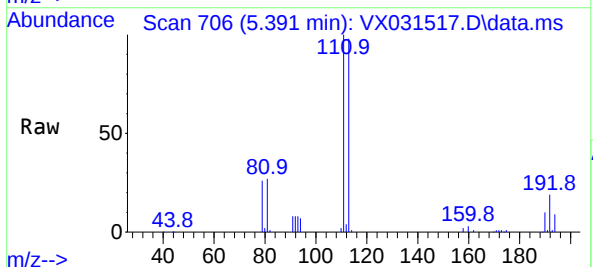
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

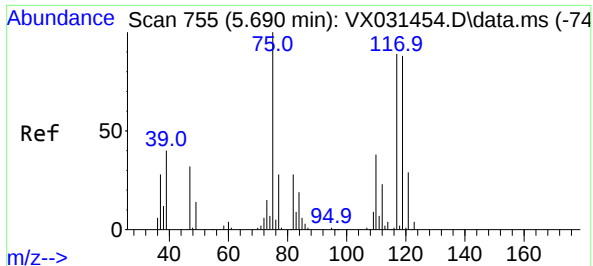
Tgt Ion:114 Resp: 128366
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.6
88 14.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.700 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

Tgt Ion:113 Resp: 69870
Ion Ratio Lower Upper
113 100
111 101.3 82.4 123.6
192 19.2 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.044 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX031517.D

Acq: 21 Sep 2022 12:22

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

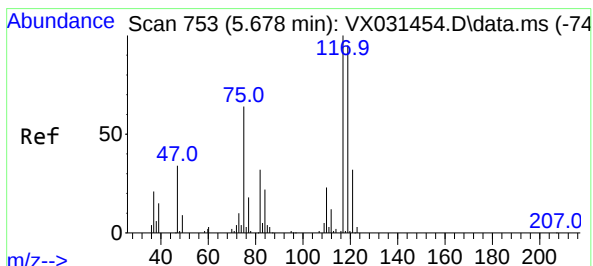
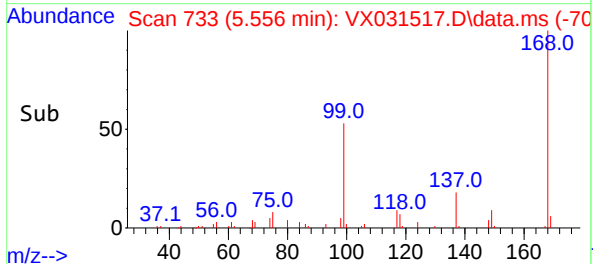
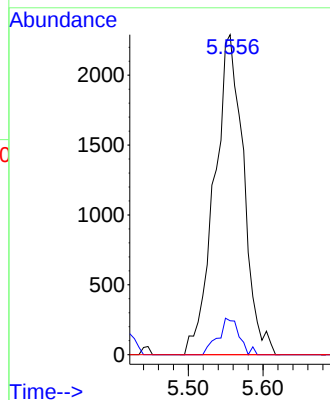
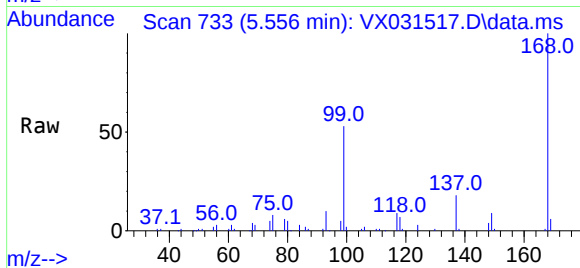
Tgt Ion: 75 Resp: 6212

Ion Ratio Lower Upper

75 100

110 8.3 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.265 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031517.D

Acq: 21 Sep 2022 12:22

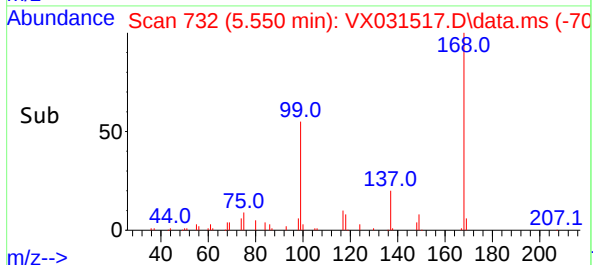
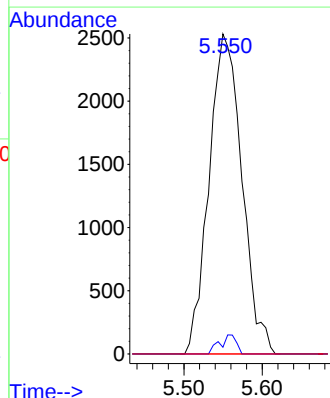
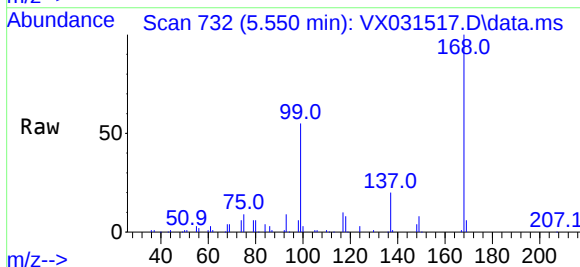
Tgt Ion: 117 Resp: 7384

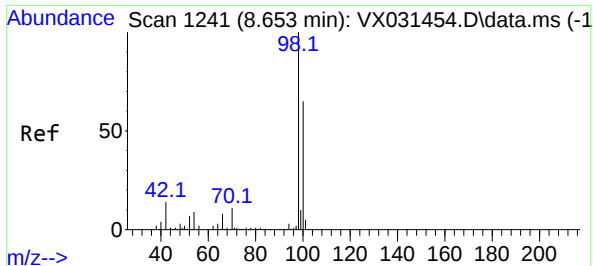
Ion Ratio Lower Upper

117 100

119 2.1 74.6 112.0#

121 0.0 25.3 37.9#

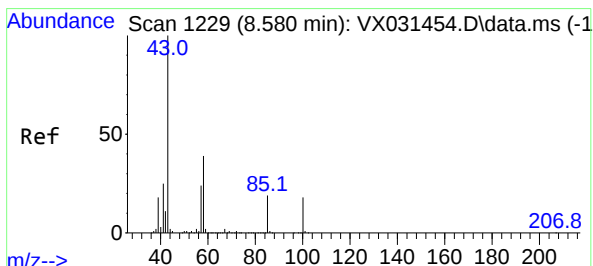
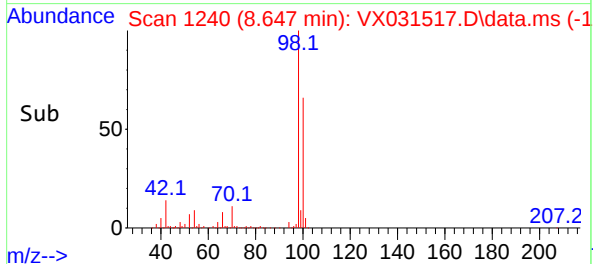
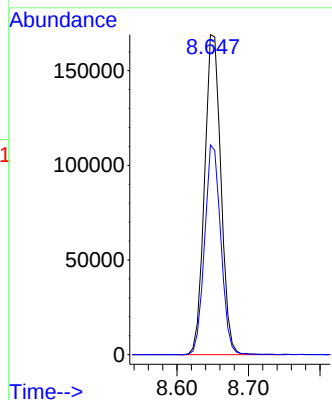
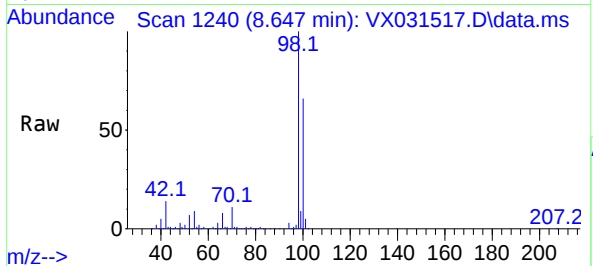




#50
Toluene-d8
Concen: 52.586 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

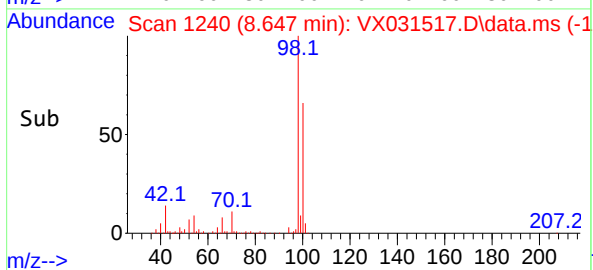
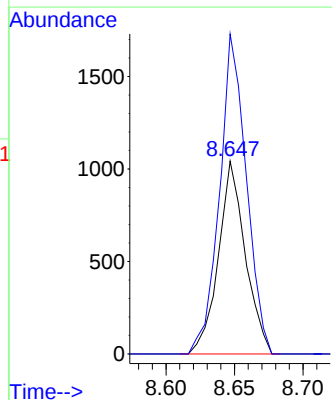
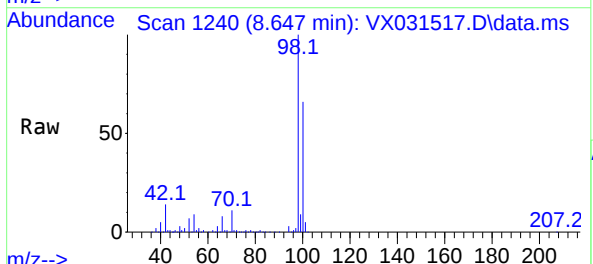
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

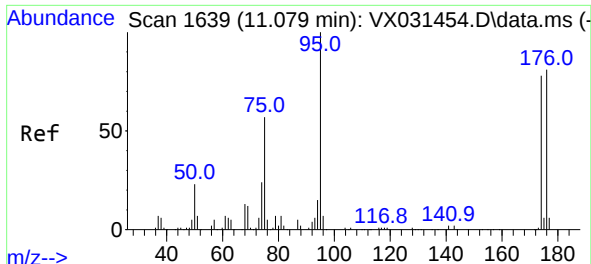
Tgt Ion: 98 Resp: 268935
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 165.6 30.6 46.0#

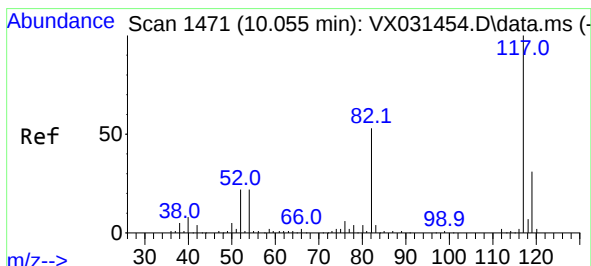
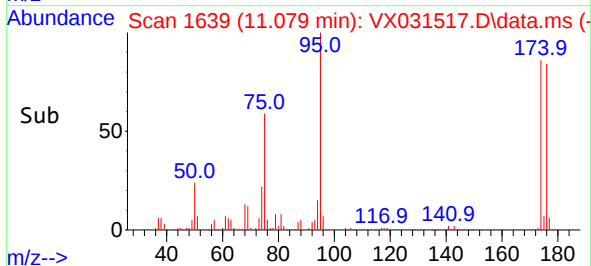
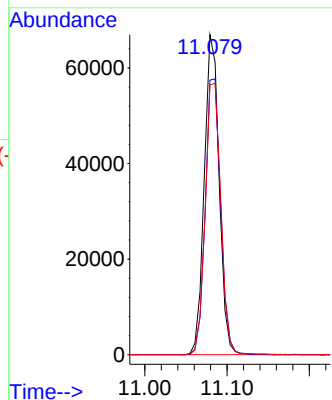
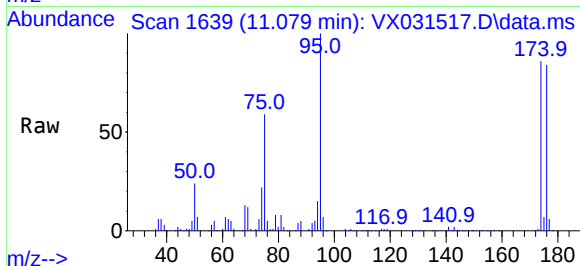




#62
4-Bromofluorobenzene
Concen: 48.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

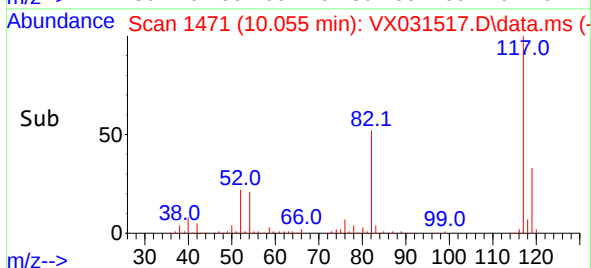
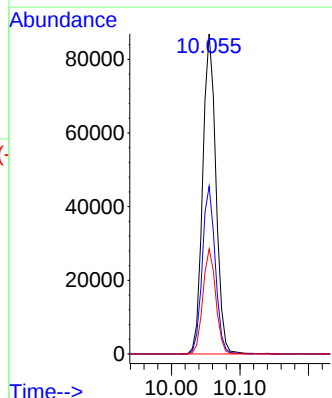
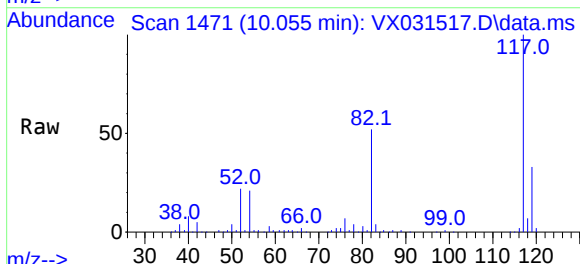
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

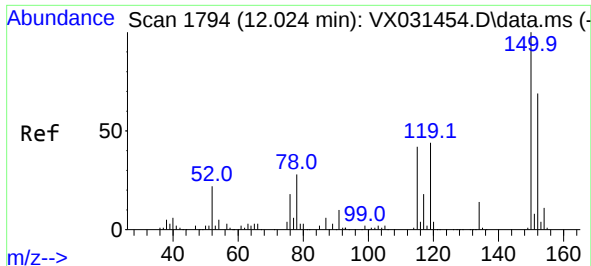
Tgt Ion: 95 Resp: 83933
Ion Ratio Lower Upper
95 100
174 89.1 0.0 153.2
176 88.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

Tgt Ion: 117 Resp: 116874
Ion Ratio Lower Upper
117 100
82 52.4 46.8 70.2
119 32.9 26.4 39.6

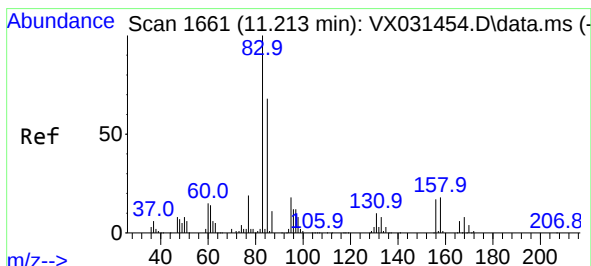
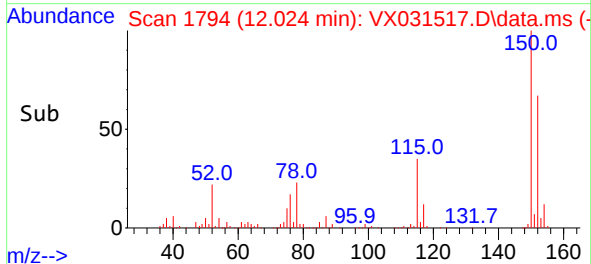
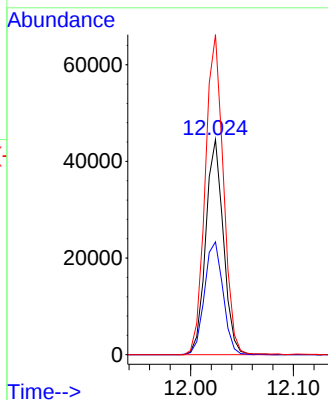
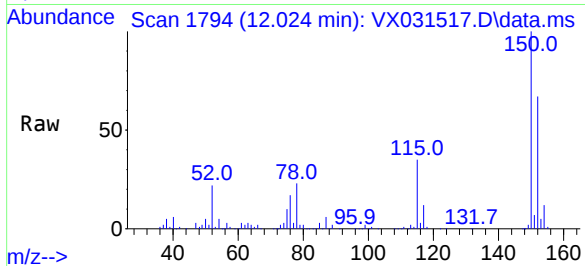




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

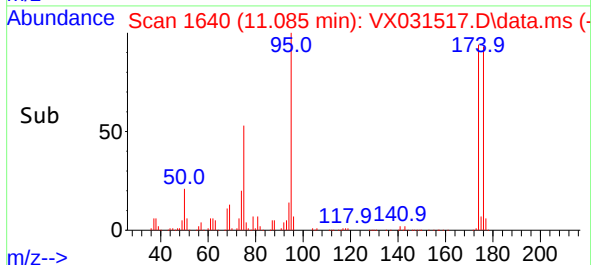
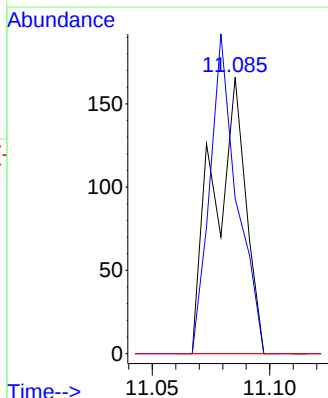
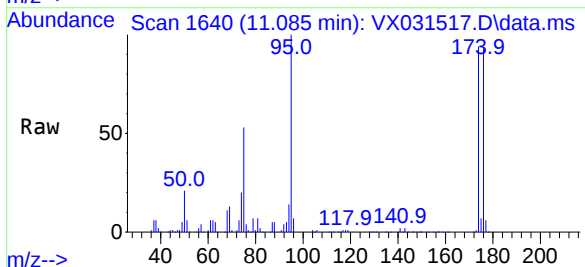
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

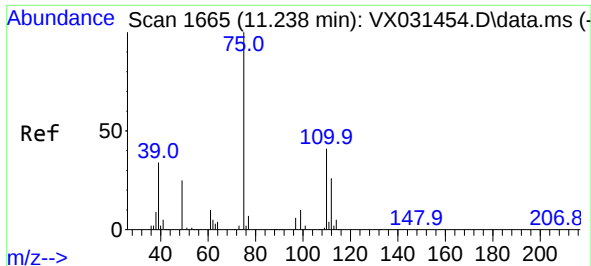
Tgt Ion:152 Resp: 53333
Ion Ratio Lower Upper
152 100
115 55.2 43.4 130.1
150 152.9 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. -0.128 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

Tgt Ion: 83 Resp: 157
Ion Ratio Lower Upper
83 100
131 98.1 5.1 15.4#
85 0.0 32.6 97.8#

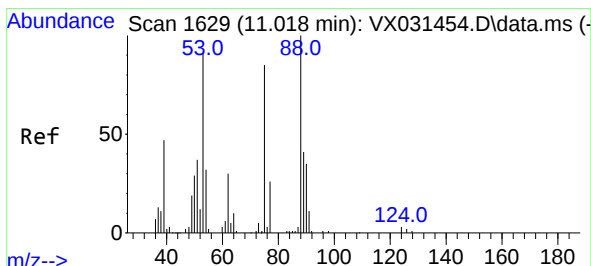
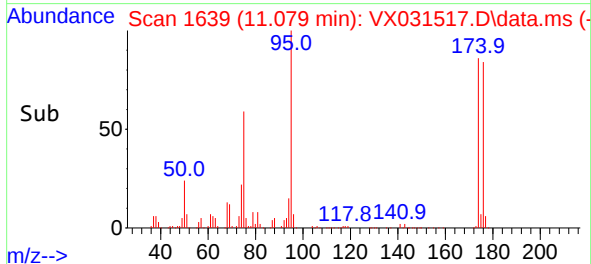
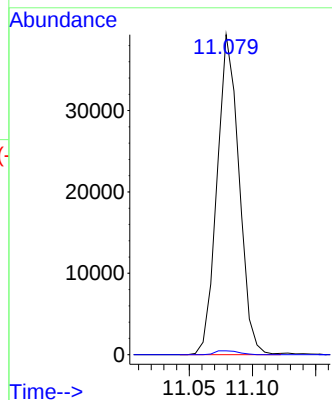
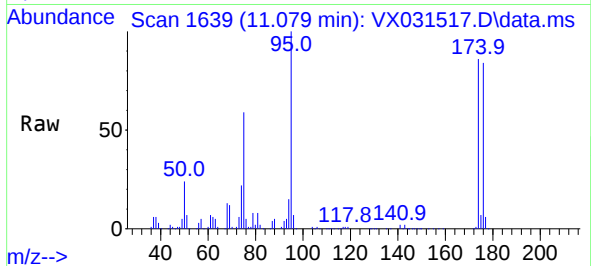




#76
1,2,3-Trichloropropane
Concen: 39.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

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

Tgt Ion: 75 Resp: 47535
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031517.D
Acq: 21 Sep 2022 12:22

Tgt Ion: 75 Resp: 47535
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

