

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032142.D
 Acq On : 14 Oct 2022 18:10
 Operator : JC/MD
 Sample : N5146-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 17 02:27:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

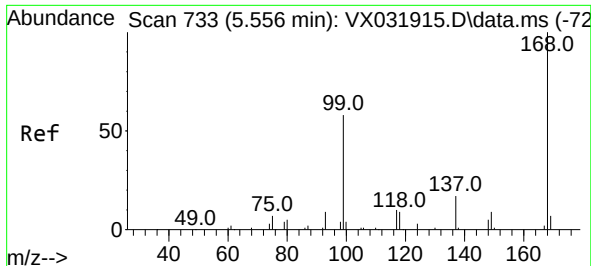
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	85687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95737	54.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.200%			
35) Dibromofluoromethane	5.385	113	71099	48.755	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.520%			
50) Toluene-d8	8.653	98	260783	49.698	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.400%			
62) 4-Bromofluorobenzene	11.085	95	98221	52.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.900%			
Target Compounds						
5) Bromomethane	1.617	94	230	Below Cal		81
11) Tert butyl alcohol	2.934	59	227	1.031 ug/l #		73
13) Acrolein	2.209	56	20	Below Cal #		15
16) Acetone	2.392	43	534	0.888 ug/l		96
31) Cyclohexane	5.556	56	2158	1.021 ug/l #		21
36) 1,1-Dichloropropene	5.556	75	7112	3.678 ug/l #		51
38) Carbon Tetrachloride	5.550	117	9552	4.831 ug/l #		16
51) 4-Methyl-2-Pentanone	8.647	43	1246	0.681 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	56101	41.832 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	56101	141.364 ug/l #		11

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

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Response via : Initial Calibration

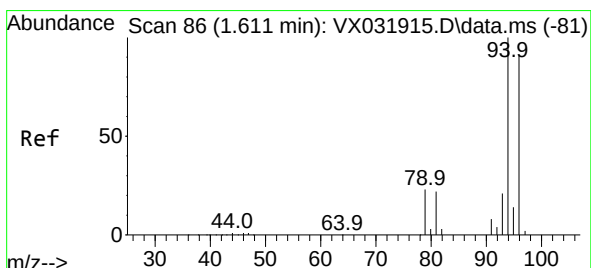
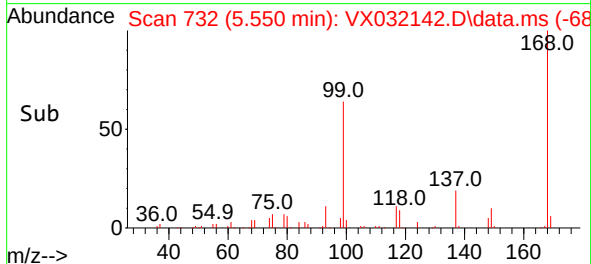
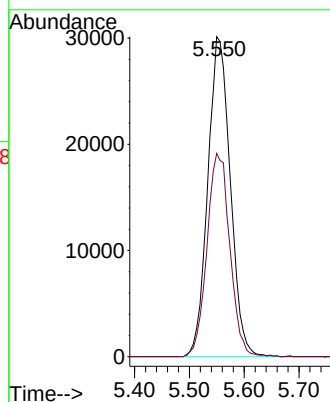
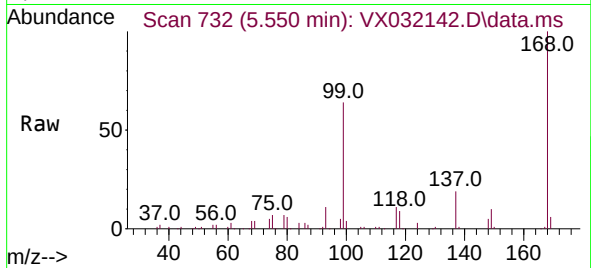




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

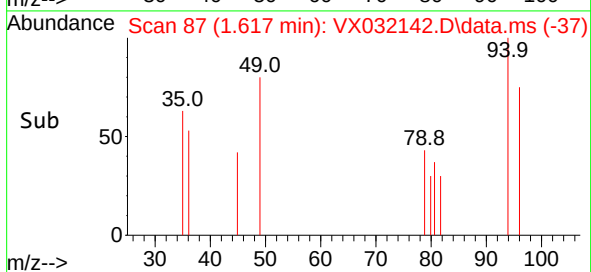
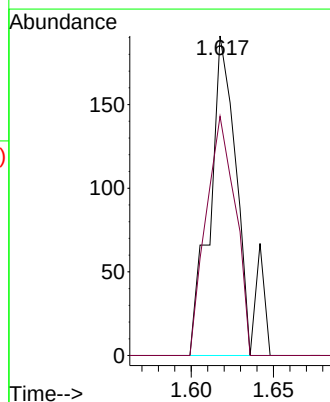
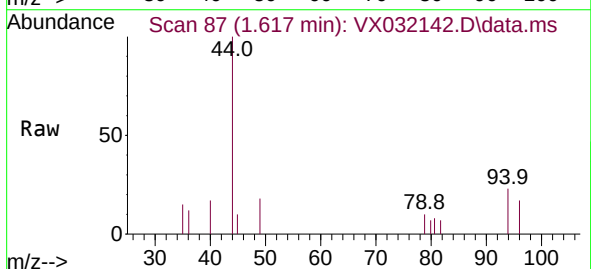
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

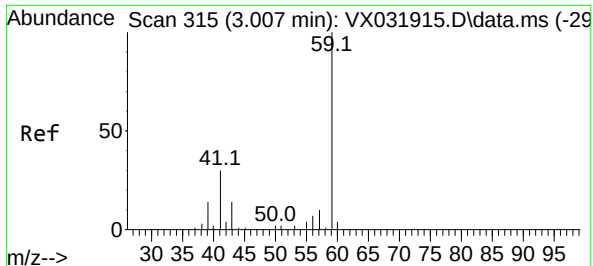
Tgt Ion:168 Resp: 85687
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

Tgt Ion: 94 Resp: 230
Ion Ratio Lower Upper
94 100
96 74.9 74.4 111.6





#11

Tert butyl alcohol

Concen: 1.031 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.073 min

Lab File: VX032142.D

Acq: 14 Oct 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

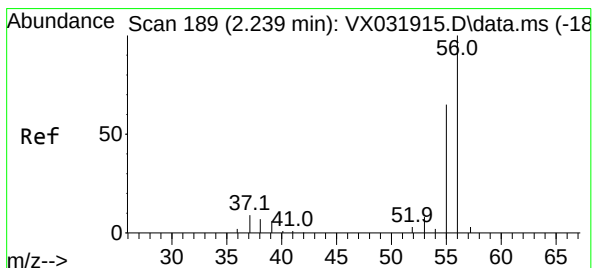
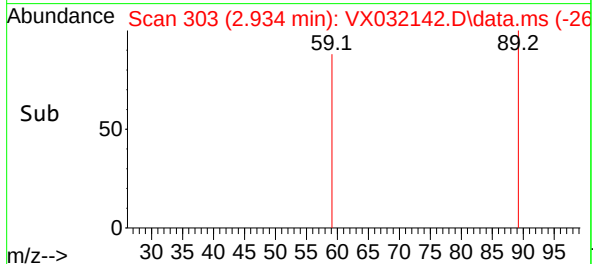
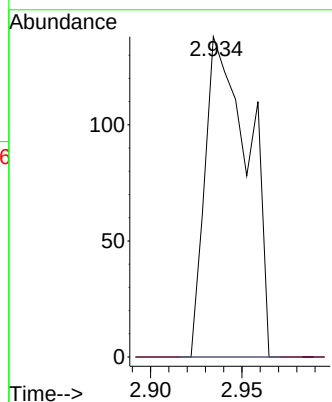
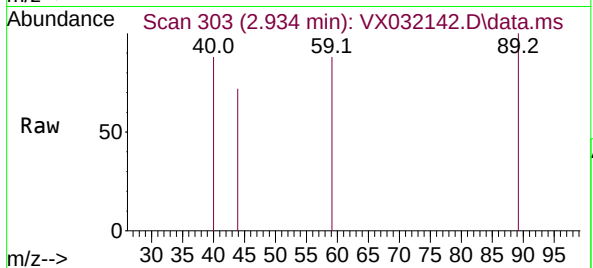
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 59 Resp: 227

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.209 min Scan# 184

Delta R.T. -0.030 min

Lab File: VX032142.D

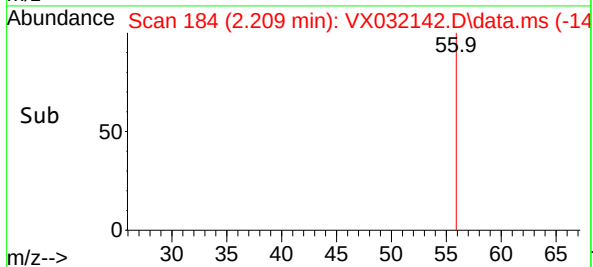
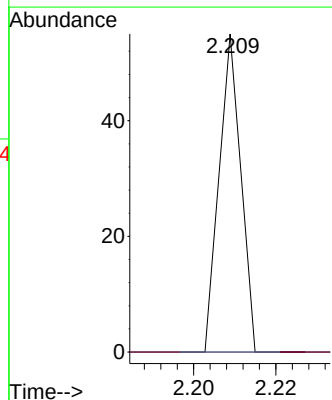
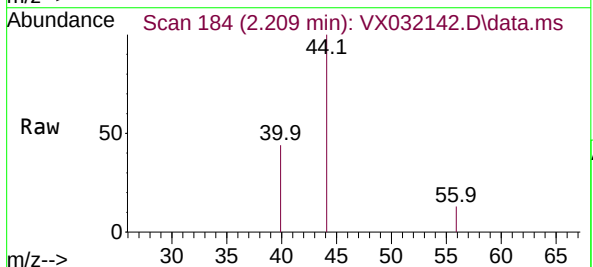
Acq: 14 Oct 2022 18:10

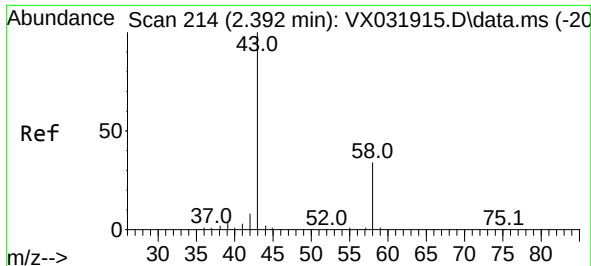
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#

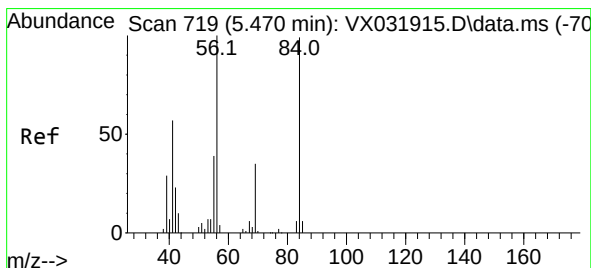
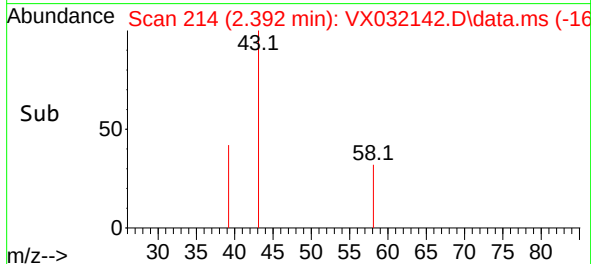
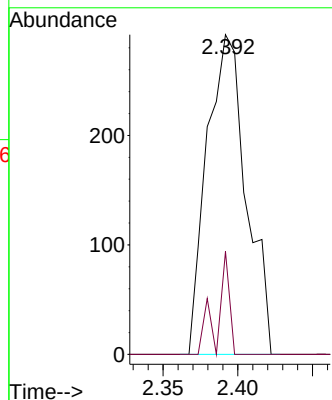
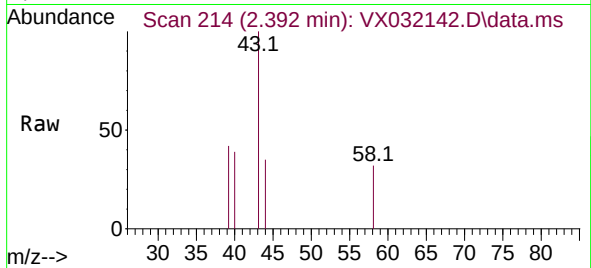




#16
Acetone
Concen: 0.888 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

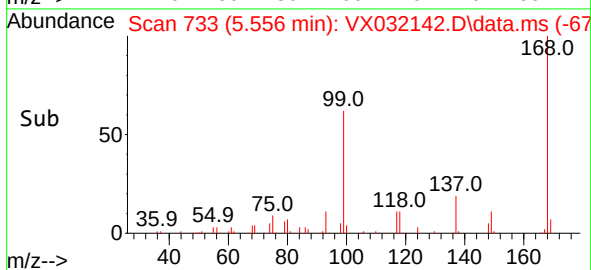
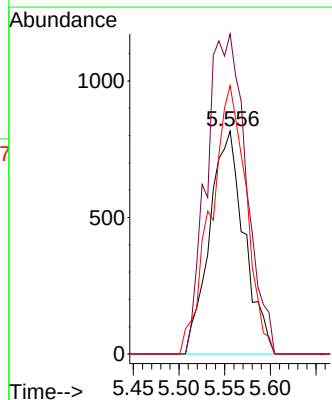
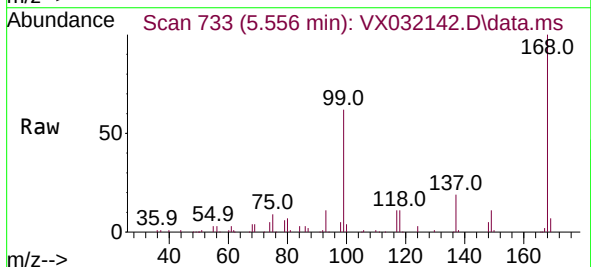
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

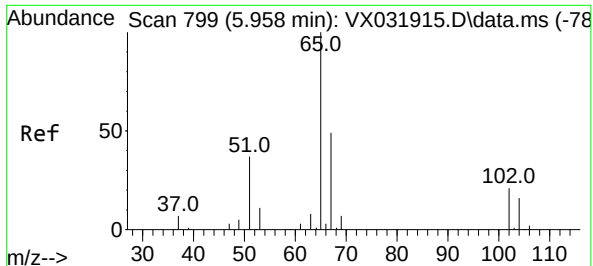
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 32.2 23.8 35.8



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

Tgt Ion: 56 Resp: 2158
Ion Ratio Lower Upper
56 100
69 143.6 25.1 37.7#
84 120.5 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 54.100 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032142.D

Acq: 14 Oct 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

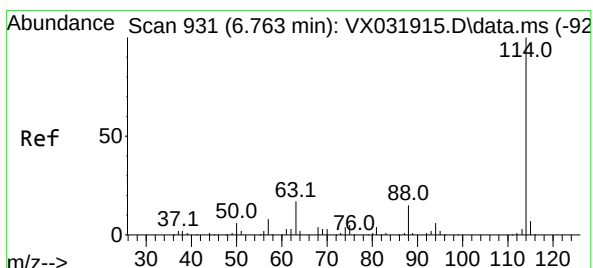
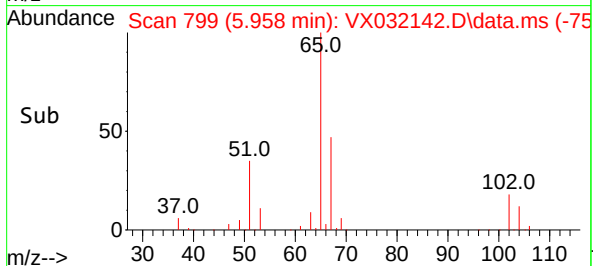
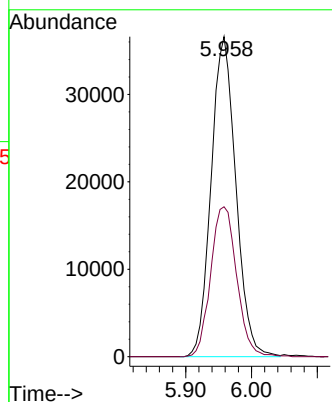
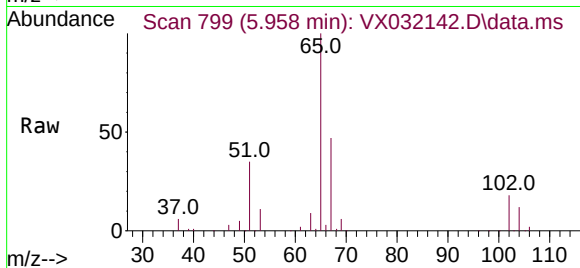
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 95737

Ion Ratio Lower Upper

65 100

67 49.4 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: VX032142.D

Acq: 14 Oct 2022 18:10

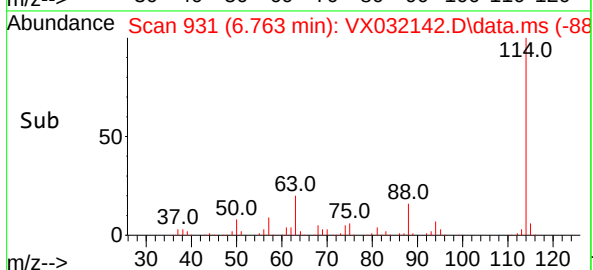
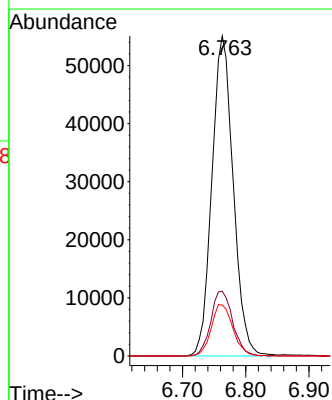
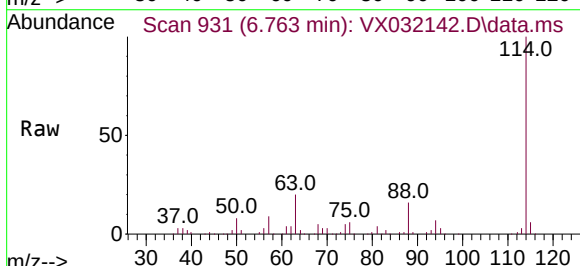
Tgt Ion: 114 Resp: 128830

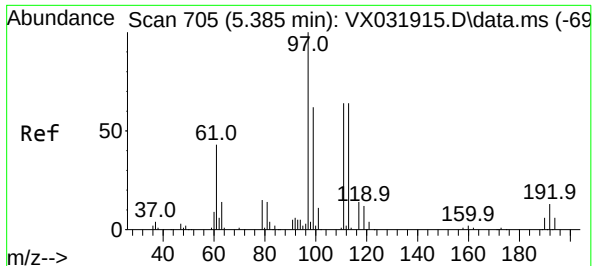
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.9 0.0 33.0

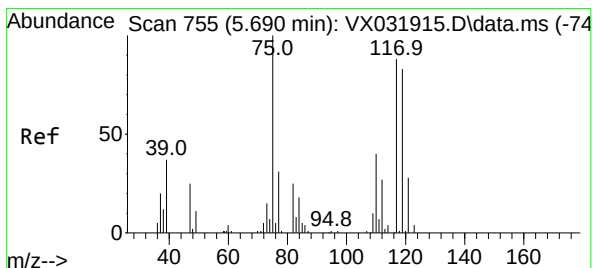
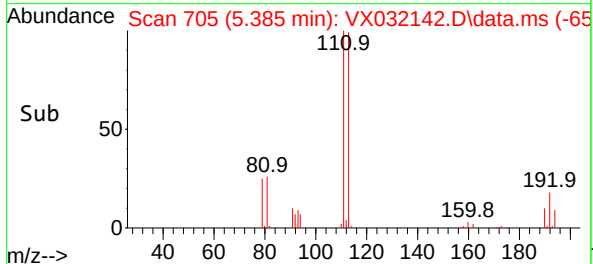
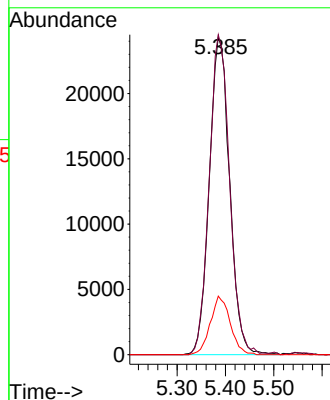
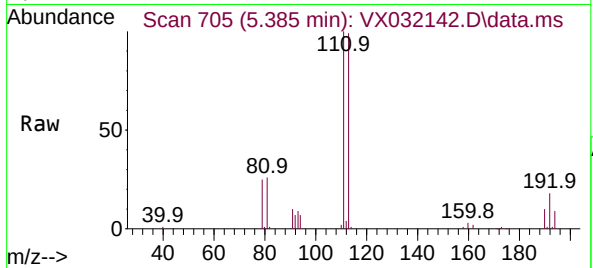




#35
Dibromofluoromethane
Concen: 48.755 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

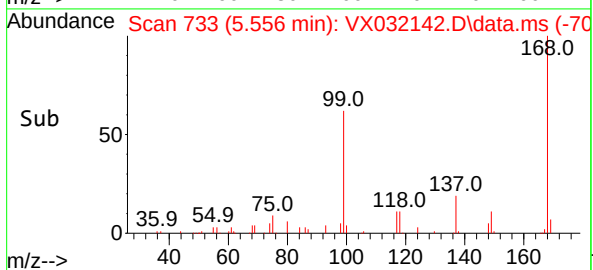
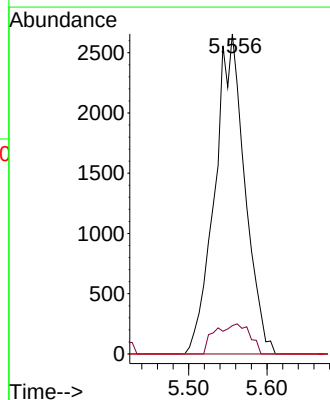
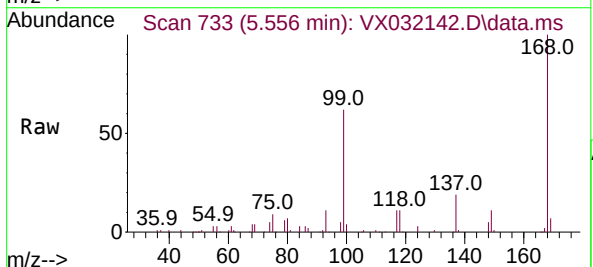
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

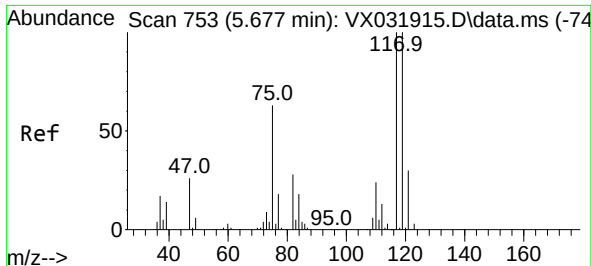
Tgt Ion:113 Resp: 71099
Ion Ratio Lower Upper
113 100
111 101.0 82.4 123.6
192 18.0 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.678 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

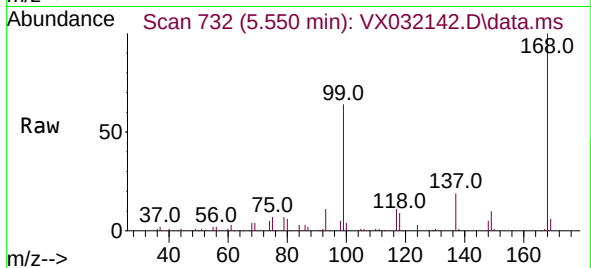
Tgt Ion: 75 Resp: 7112
Ion Ratio Lower Upper
75 100
110 10.8 17.5 52.5#
77 0.0 24.9 37.3#



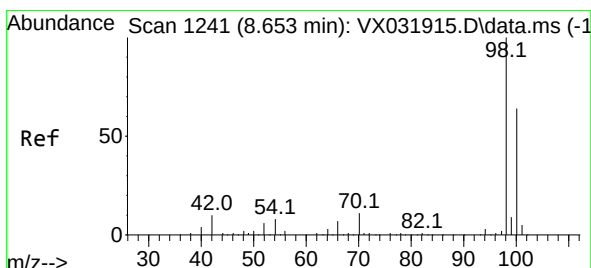
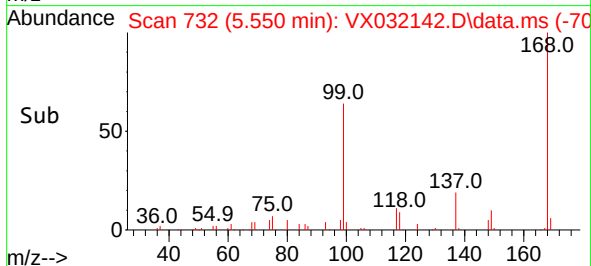
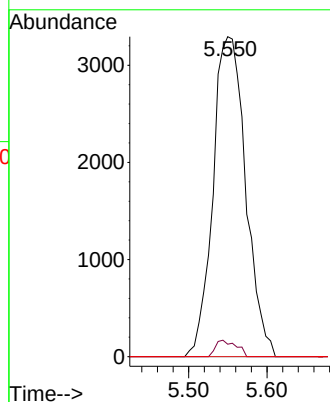


#38
Carbon Tetrachloride
Concen: 4.831 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

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

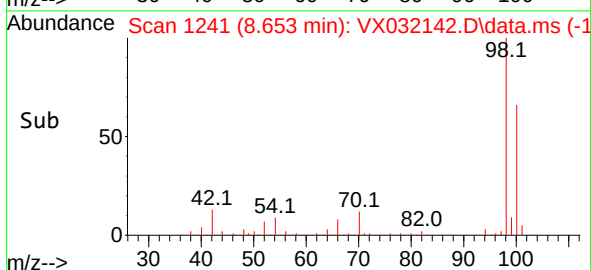
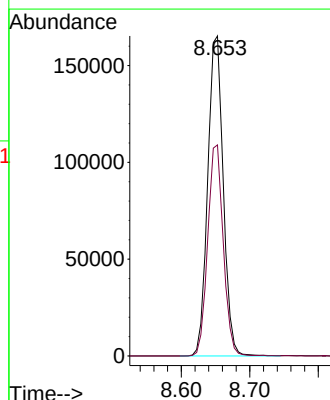
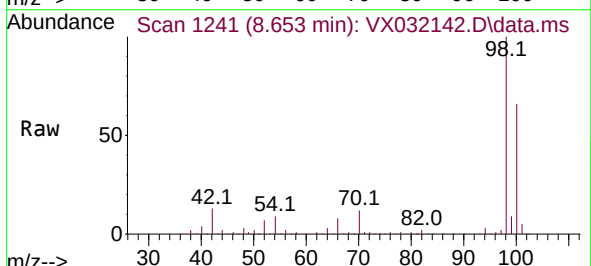


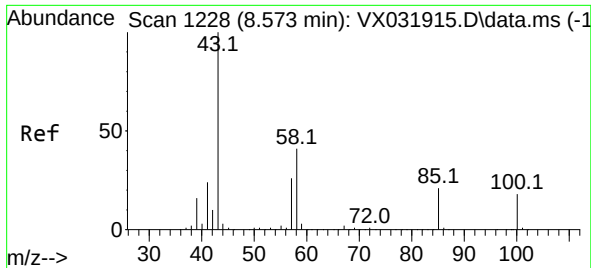
Tgt Ion:117 Resp: 9552
Ion Ratio Lower Upper
117 100
119 3.9 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.698 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

Tgt Ion: 98 Resp: 260783
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

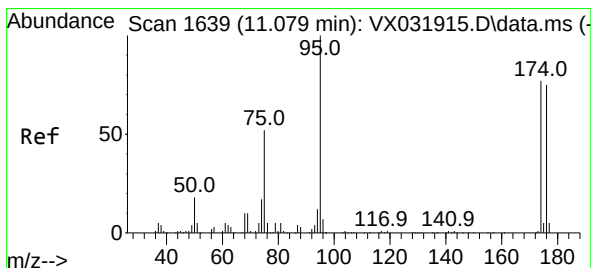
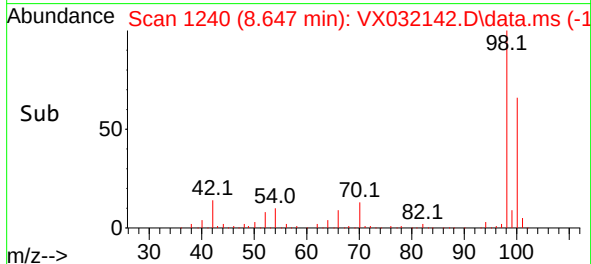
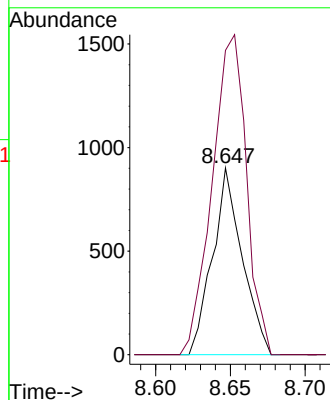
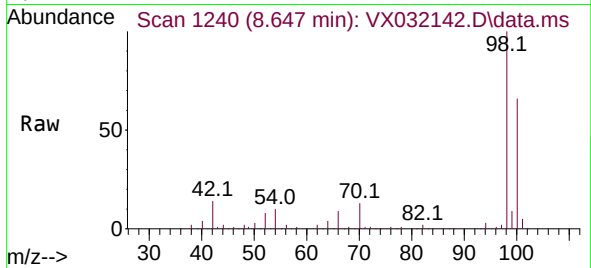




#51
4-Methyl-2-Pentanone
Concen: 0.681 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

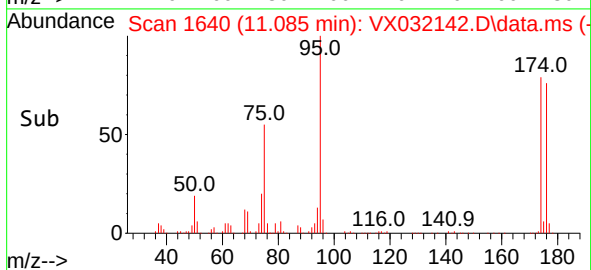
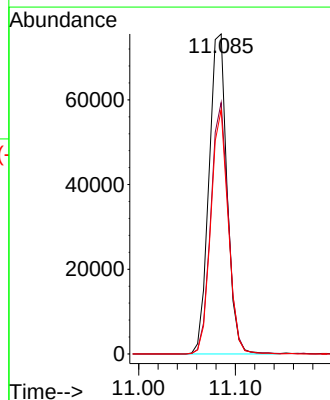
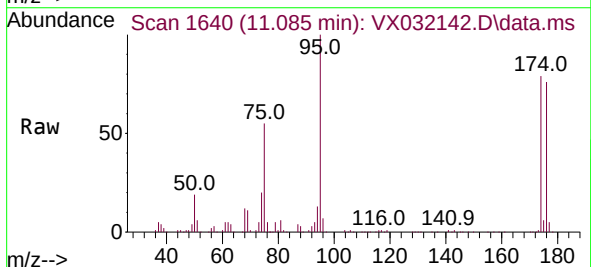
Instrument :
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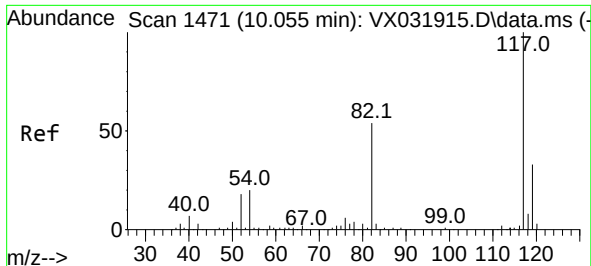
Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 197.7 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 52.946 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

Tgt Ion: 95 Resp: 98221
Ion Ratio Lower Upper
95 100
174 76.1 0.0 153.2
176 73.1 0.0 144.0

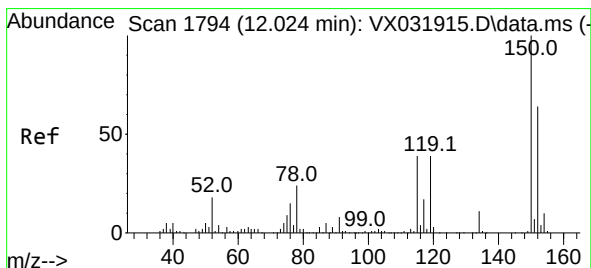
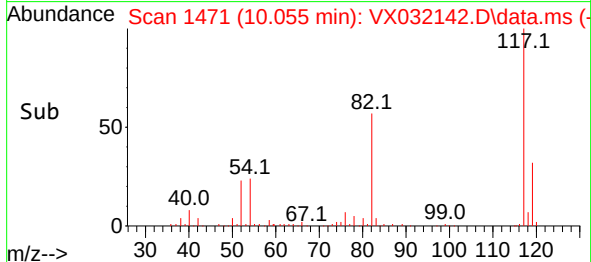
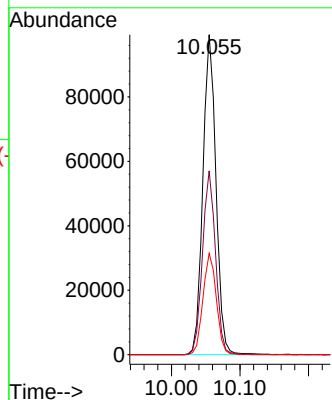
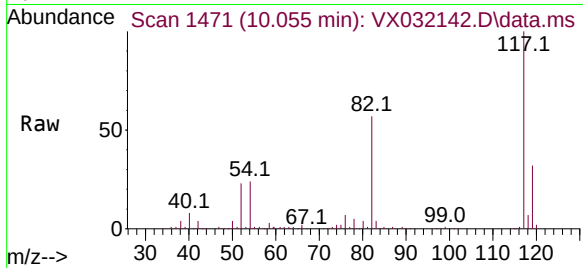




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

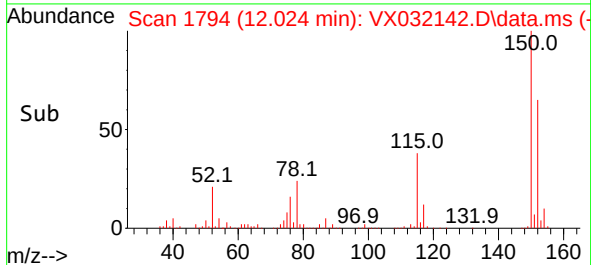
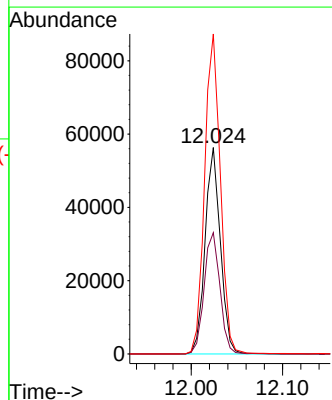
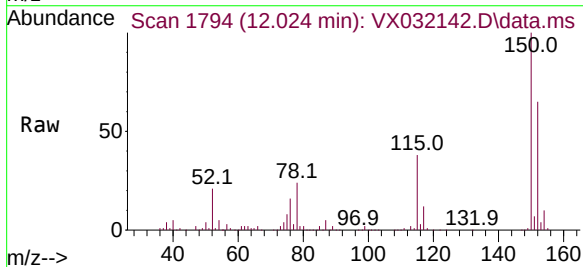
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

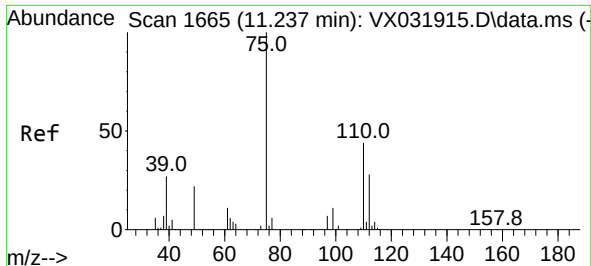
Tgt Ion:117 Resp: 132335
Ion Ratio Lower Upper
117 100
82 57.4 46.8 70.2
119 31.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

Tgt Ion:152 Resp: 65436
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.1
150 159.6 0.0 346.8

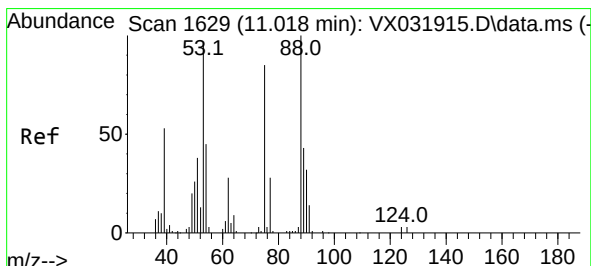
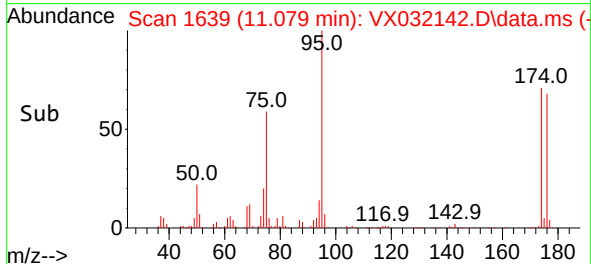
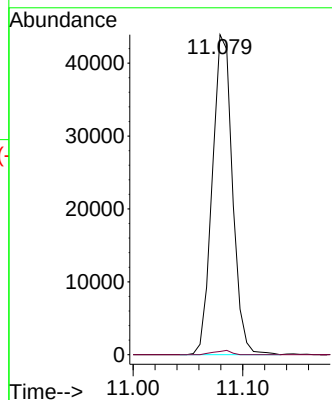
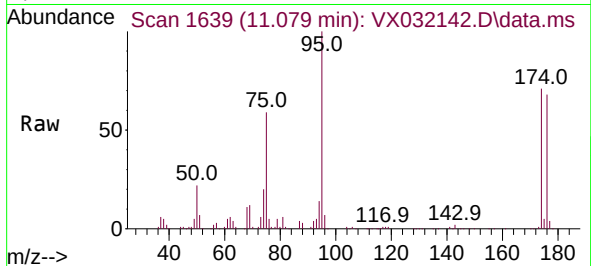




#76
1,2,3-Trichloropropane
Concen: 41.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

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

Tgt Ion: 75 Resp: 56101
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032142.D
Acq: 14 Oct 2022 18:10

Tgt Ion: 75 Resp: 56101
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

