

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031322.D
 Acq On : 14 Sep 2022 21:48
 Operator : JC/MD
 Sample : N4497-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Sep 15 06:06:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

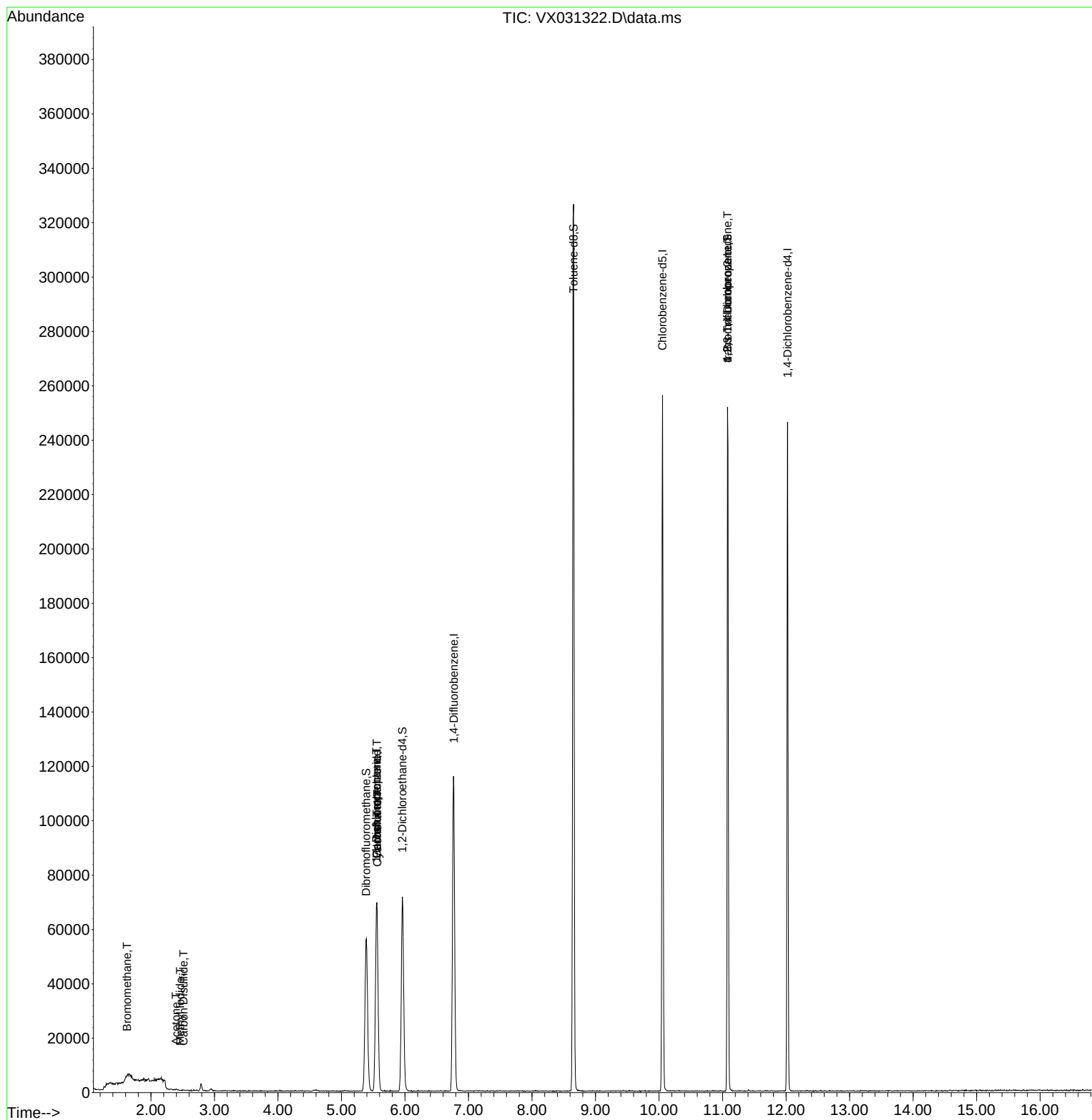
Internal Standards						
1) Pentafluorobenzene	5.556	168	61040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	111860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66333	44.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.540%
35) Dibromofluoromethane	5.385	113	47679	39.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	79.300%
50) Toluene-d8	8.653	98	187103	41.482	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	82.960%#
62) 4-Bromofluorobenzene	11.079	95	62153	37.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	75.260%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	114	Below Cal		92
5) Bromomethane	1.624	94	214	0.268 ug/l #		16
10) Methyl Iodide	2.459	142	19	0.927 ug/l #		38
11) Tert butyl alcohol	2.947	59	432	Below Cal #		73
16) Acetone	2.392	43	597	0.933 ug/l		89
17) Carbon Disulfide	2.514	76	90	0.923 ug/l #		75
20) Methylene Chloride	2.788	84	1041	Below Cal		88
21) trans-1,2-Dichloroethene	3.160	96	24	Below Cal #		1
31) Cyclohexane	5.562	56	1802	1.120 ug/l #		30
36) 1,1-Dichloropropene	5.550	75	5857	3.559 ug/l #		49
38) Carbon Tetrachloride	5.556	117	6961	3.891 ug/l #		17
76) 1,2,3-Trichloropropane	11.079	75	37030	33.352 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	37030	92.287 ug/l #		11

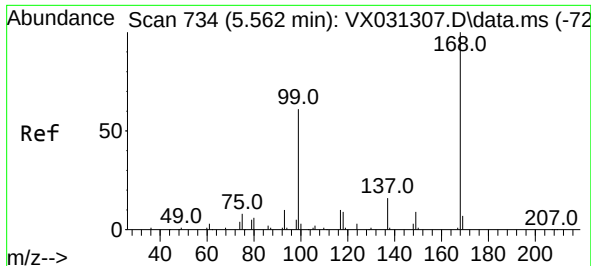
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 15 01:50:07 2022
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX031322.D

Acq: 14 Sep 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

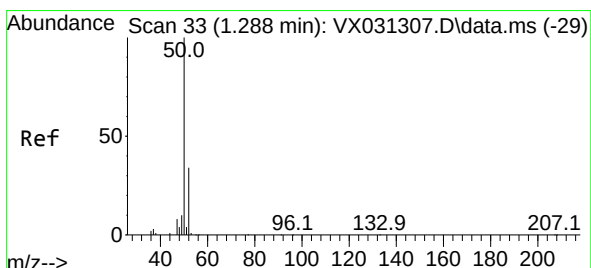
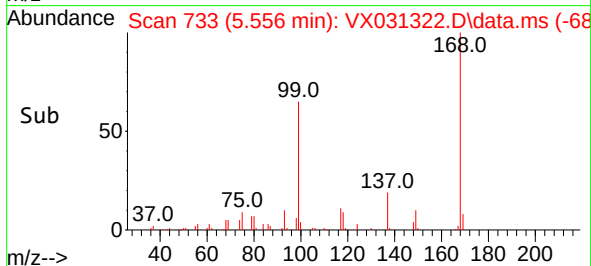
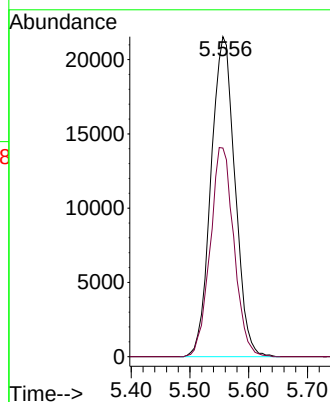
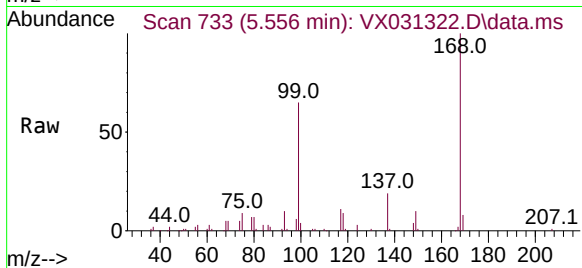
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 61040

Ion Ratio Lower Upper

168 100

99 65.2 48.8 73.2



#3

Chloromethane

Concen: Below Cal

RT: 1.295 min Scan# 34

Delta R.T. 0.007 min

Lab File: VX031322.D

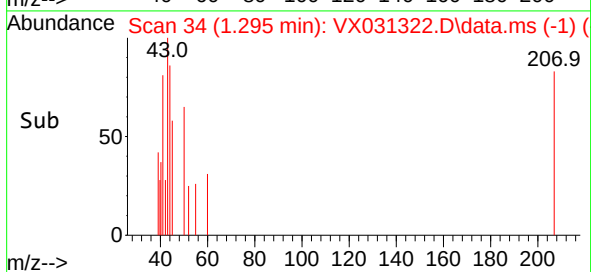
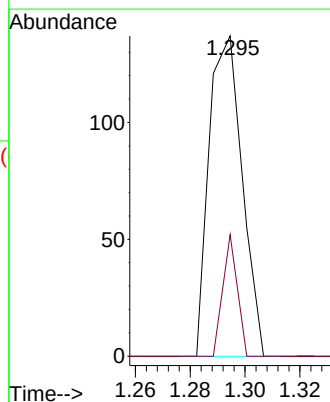
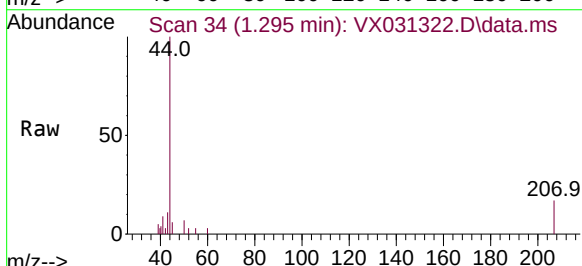
Acq: 14 Sep 2022 21:48

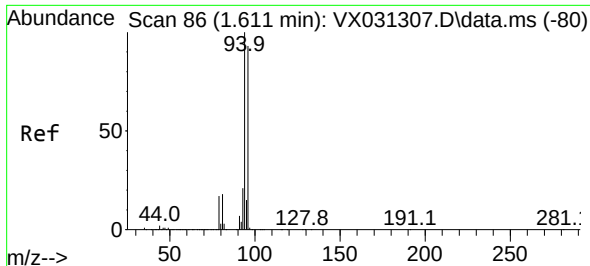
Tgt Ion: 50 Resp: 114

Ion Ratio Lower Upper

50 100

52 38.0 26.9 40.3

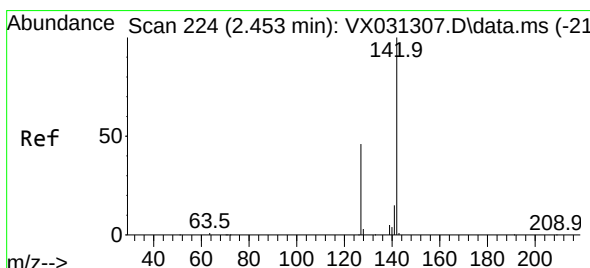
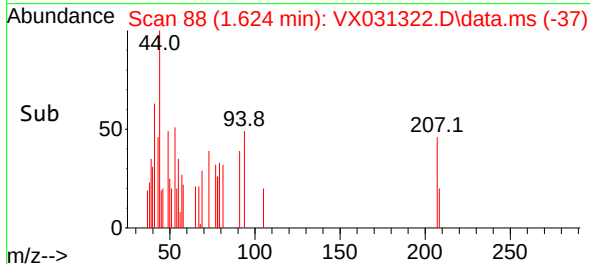
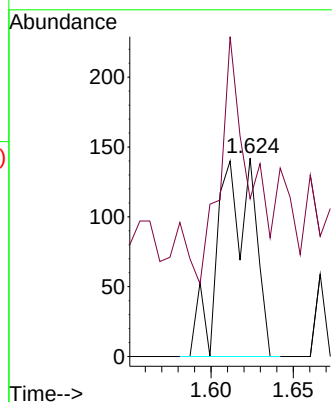
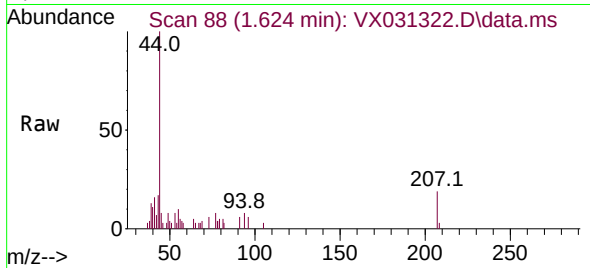




#5
Bromomethane
Concen: 0.268 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX031322.D
Acq: 14 Sep 2022 21:48

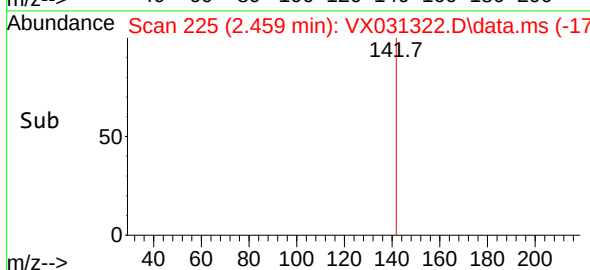
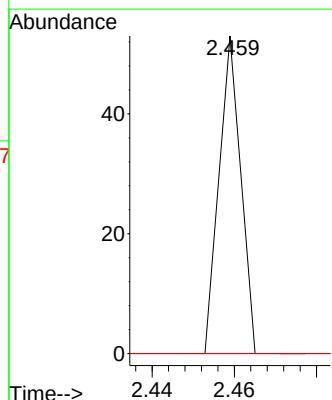
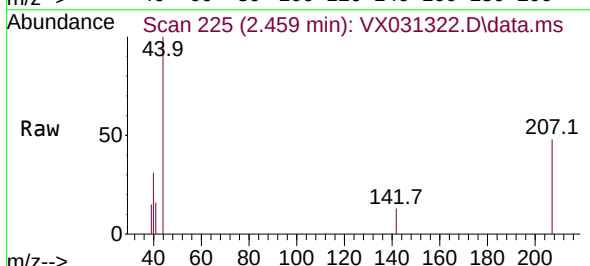
Instrument :
MSVOA_X
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STORAGE-BLANK-WATER-REF-4

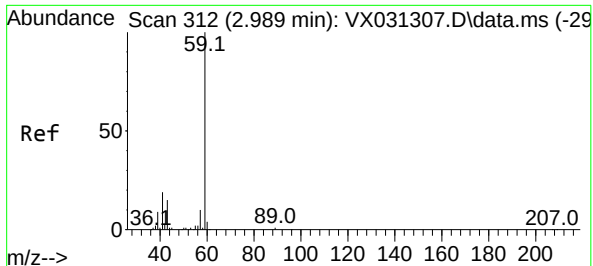
Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 12.0 74.4 111.6#



#10
Methyl Iodide
Concen: 0.927 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031322.D
Acq: 14 Sep 2022 21:48

Tgt Ion: 142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031322.D

Acq: 14 Sep 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

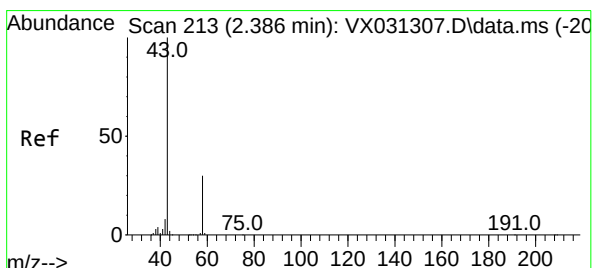
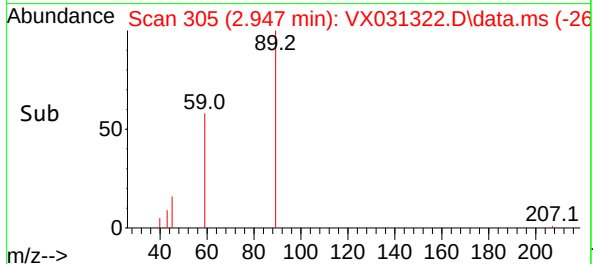
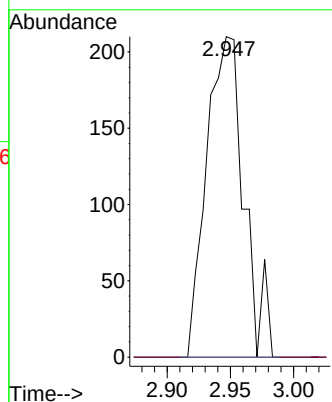
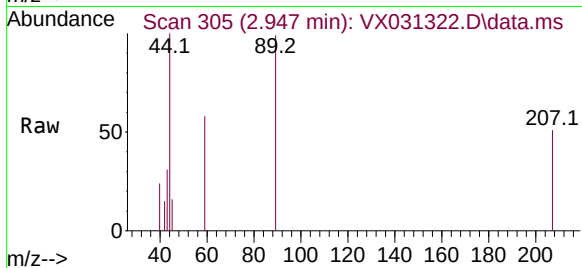
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 59 Resp: 432

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 0.933 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031322.D

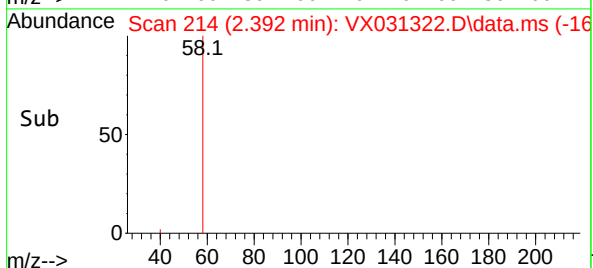
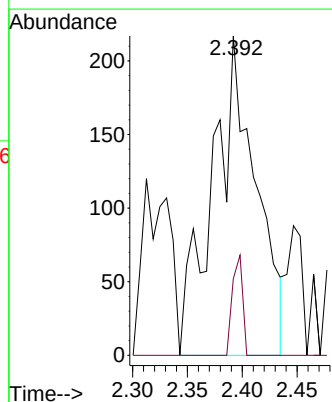
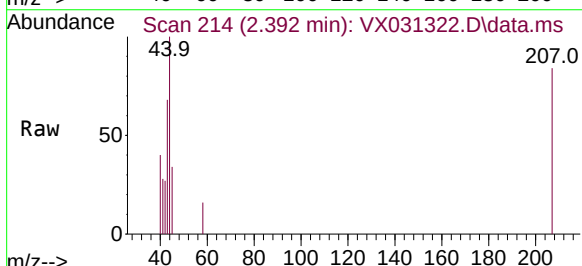
Acq: 14 Sep 2022 21:48

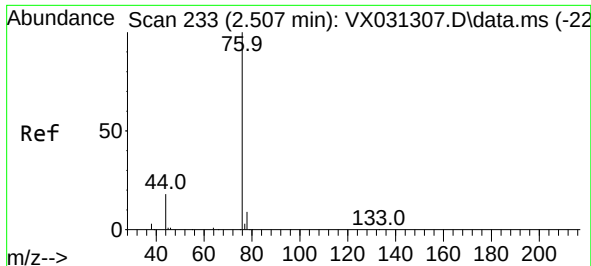
Tgt Ion: 43 Resp: 597

Ion Ratio Lower Upper

43 100

58 24.0 23.8 35.8





#17

Carbon Disulfide

Concen: 0.923 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX031322.D

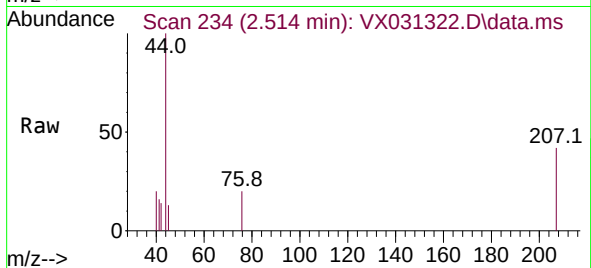
Acq: 14 Sep 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

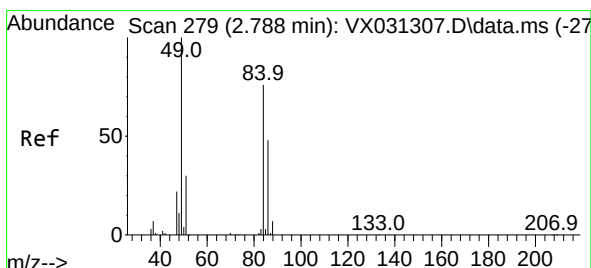
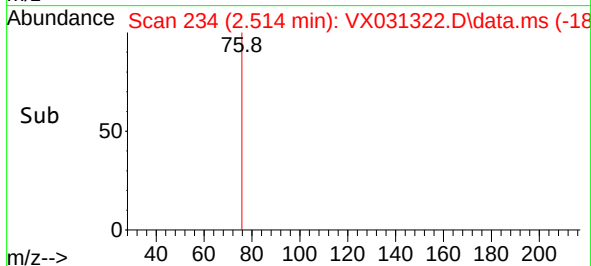
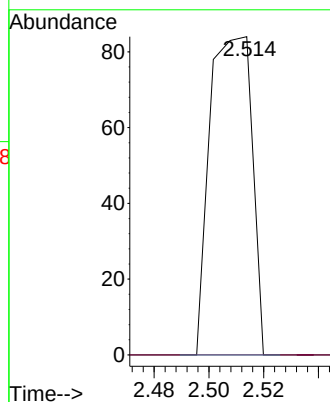


Tgt Ion: 76 Resp: 90

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031322.D

Acq: 14 Sep 2022 21:48

Tgt Ion: 84 Resp: 1041

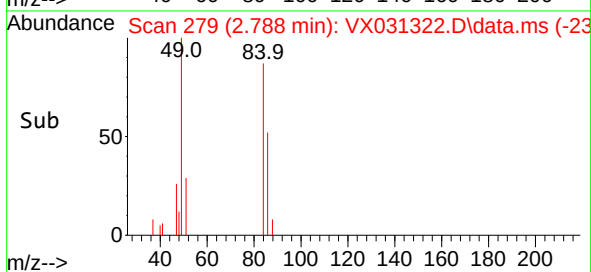
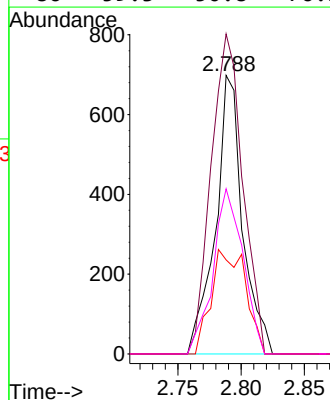
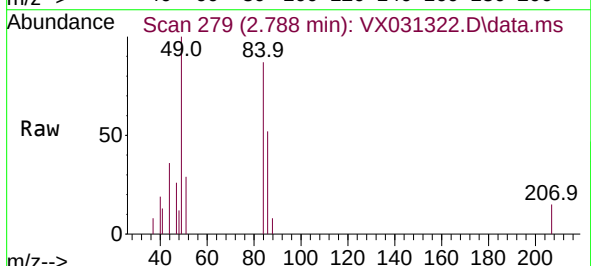
Ion Ratio Lower Upper

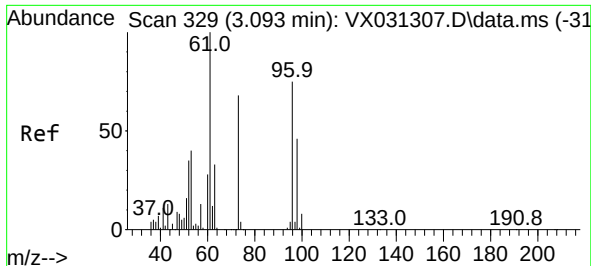
84 100

49 114.9 105.9 158.9

51 33.8 32.2 48.2

86 59.3 50.8 76.2

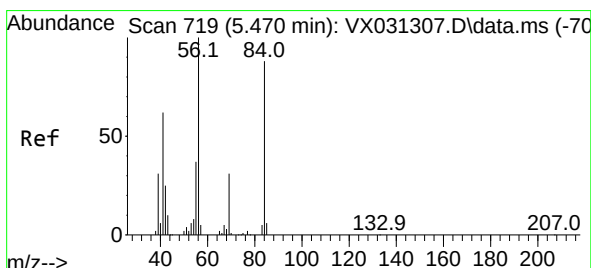
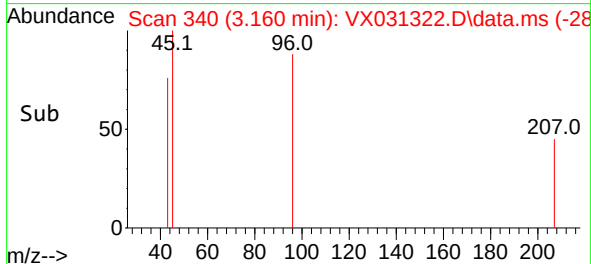
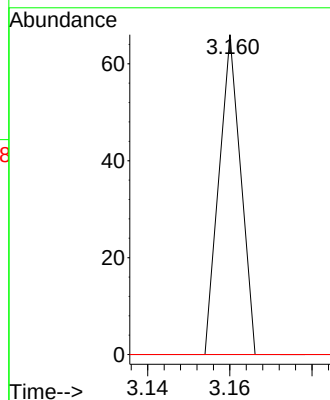
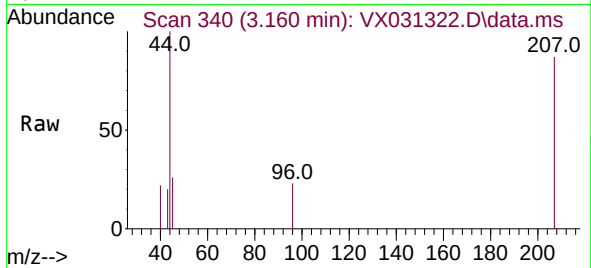




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.160 min Scan# 34
Delta R.T. 0.067 min
Lab File: VX031322.D
Acq: 14 Sep 2022 21:48

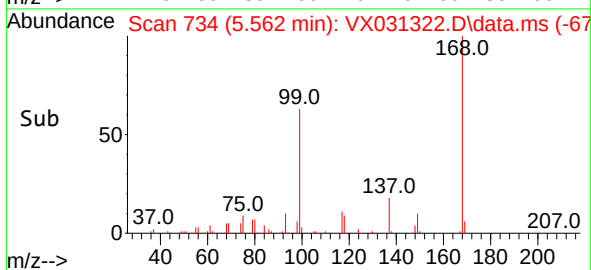
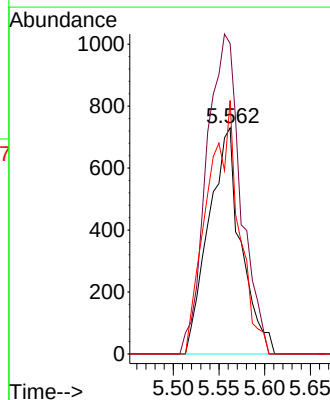
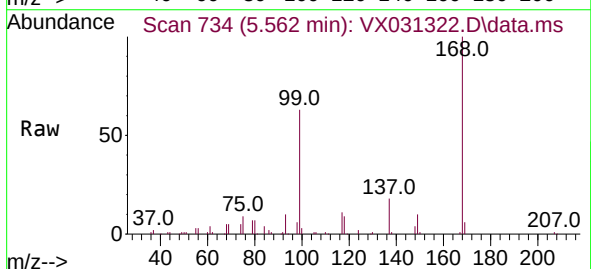
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

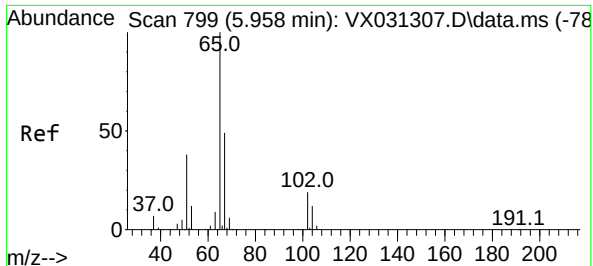
Tgt Ion: 96 Resp: 24
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX031322.D
Acq: 14 Sep 2022 21:48

Tgt Ion: 56 Resp: 1802
Ion Ratio Lower Upper
56 100
69 137.3 25.1 37.7#
84 112.1 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 44.274 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031322.D

Acq: 14 Sep 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

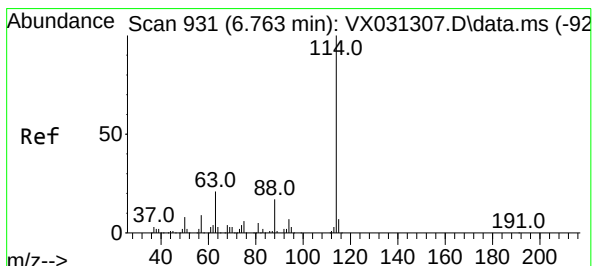
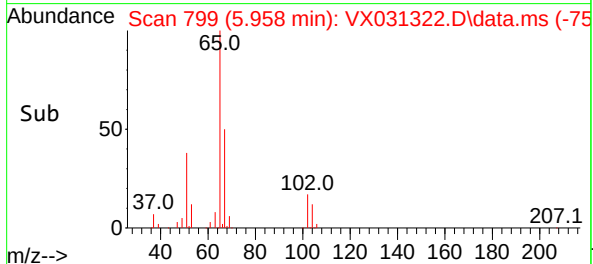
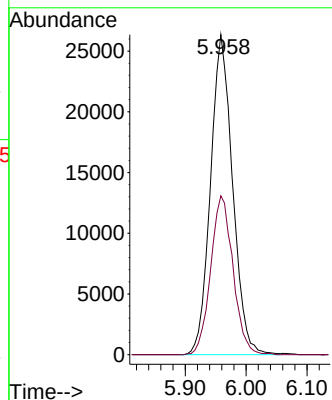
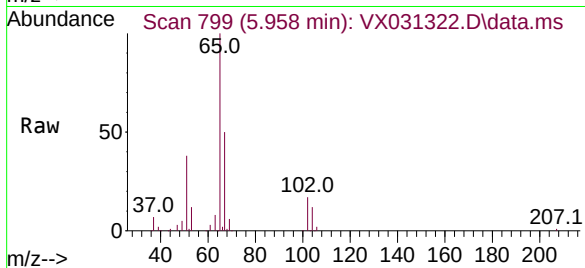
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 66333

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX031322.D

Acq: 14 Sep 2022 21:48

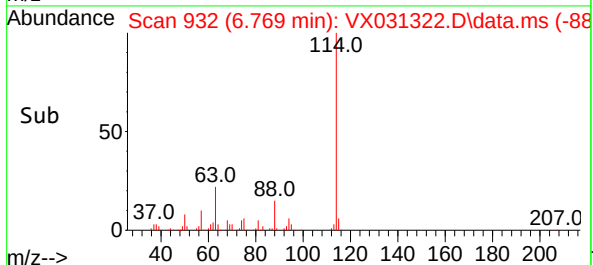
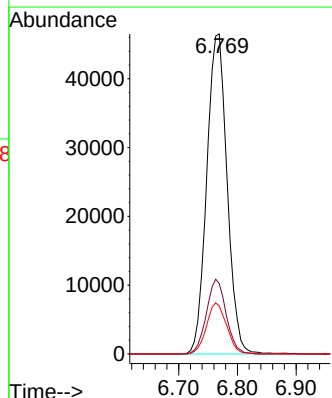
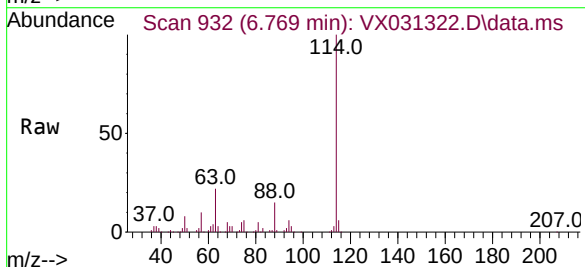
Tgt Ion: 114 Resp: 111860

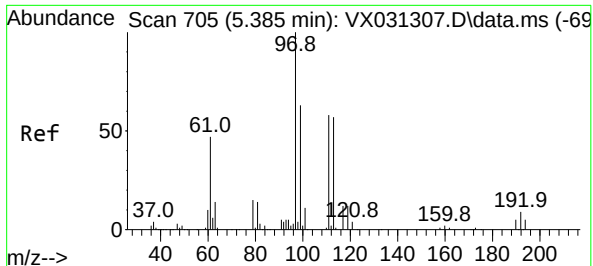
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.6

88 15.0 0.0 33.0

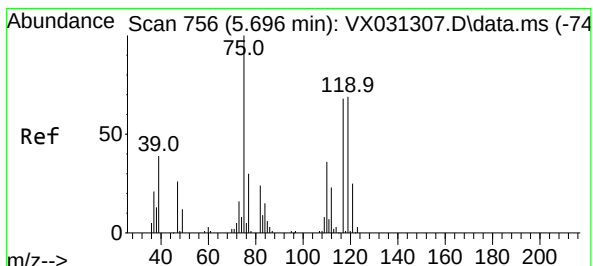
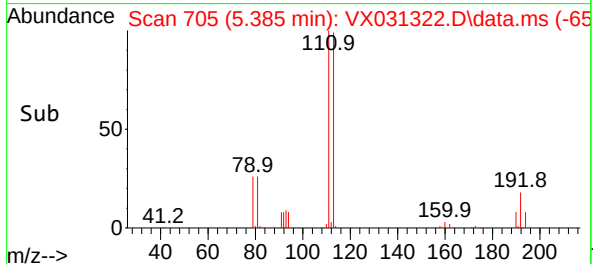
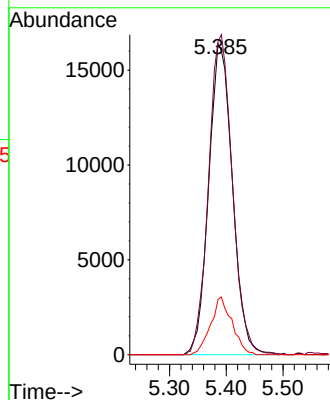
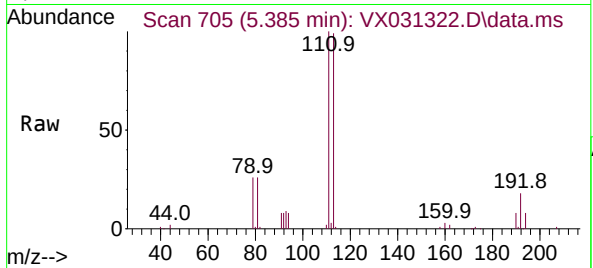




#35
Dibromofluoromethane
Concen: 39.653 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031322.D
Acq: 14 Sep 2022 21:48

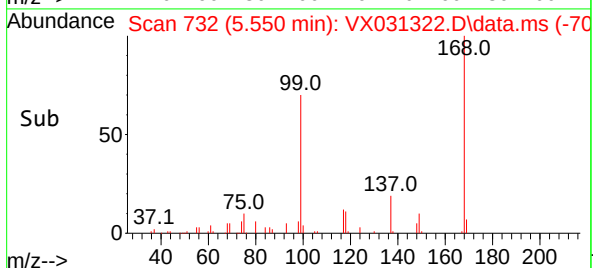
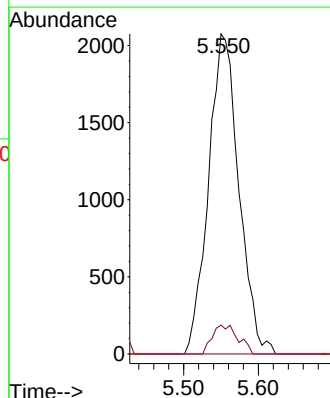
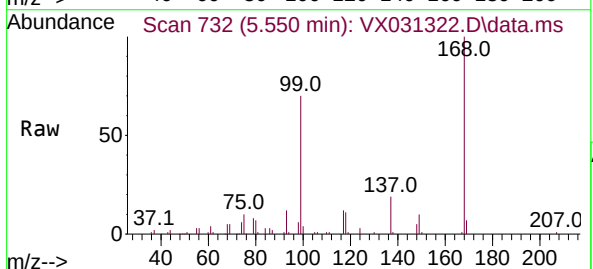
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

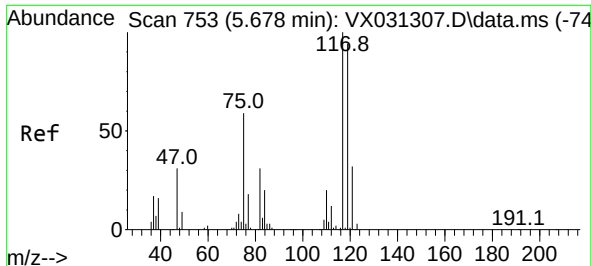
Tgt Ion:113 Resp: 47679
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 16.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.559 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX031322.D
Acq: 14 Sep 2022 21:48

Tgt Ion: 75 Resp: 5857
Ion Ratio Lower Upper
75 100
110 7.7 17.5 52.5#
77 0.0 24.9 37.3#

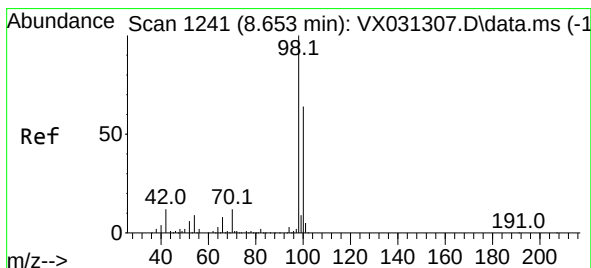
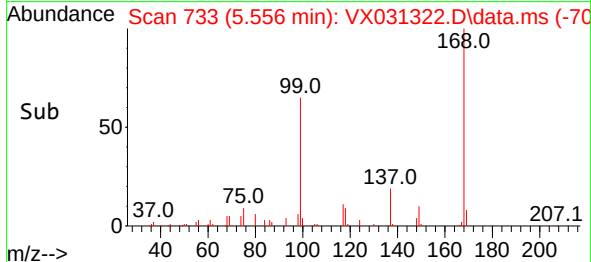
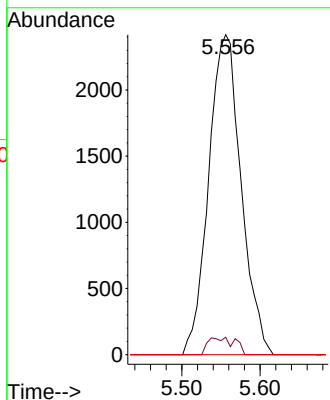
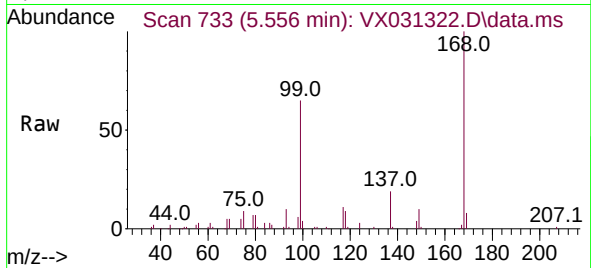




#38
Carbon Tetrachloride
Concen: 3.891 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031322.D
Acq: 14 Sep 2022 21:48

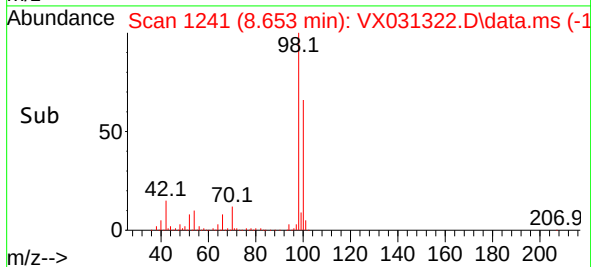
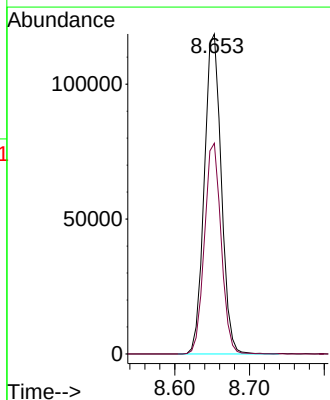
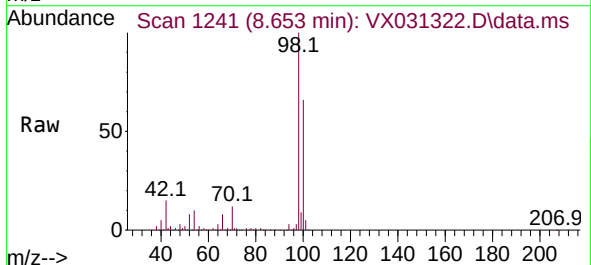
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

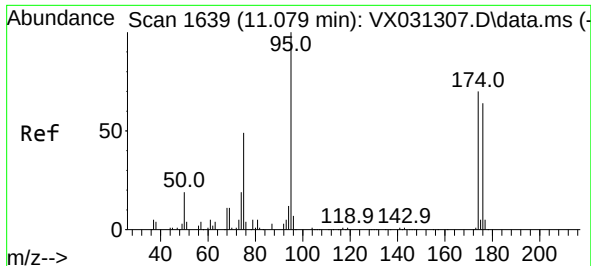
Tgt Ion:117 Resp: 6961
Ion Ratio Lower Upper
117 100
119 5.5 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 41.482 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031322.D
Acq: 14 Sep 2022 21:48

Tgt Ion: 98 Resp: 187103
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

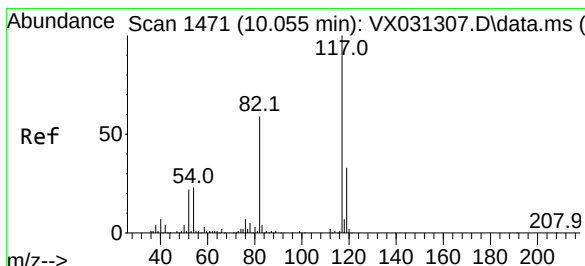
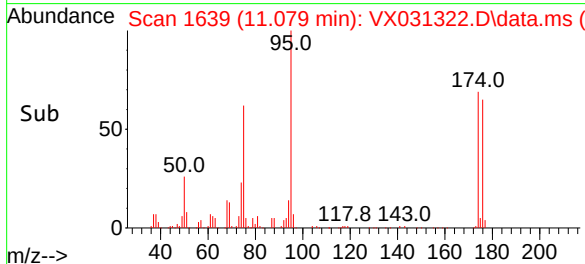
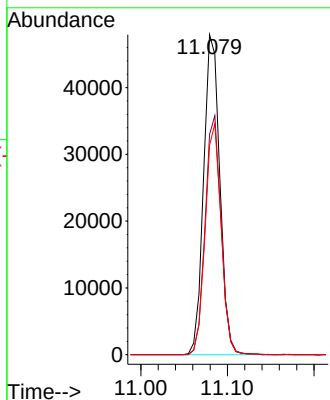
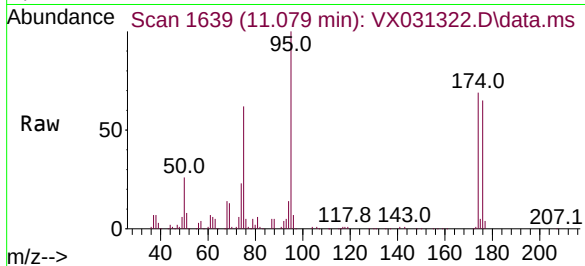




#62
4-Bromofluorobenzene
Concen: 37.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031322.D
Acq: 14 Sep 2022 21:48

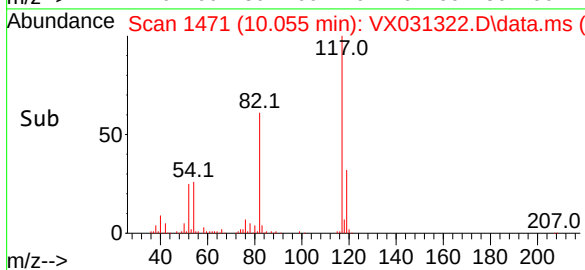
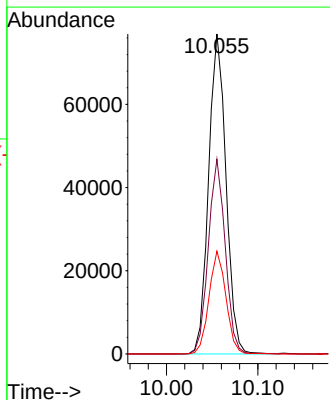
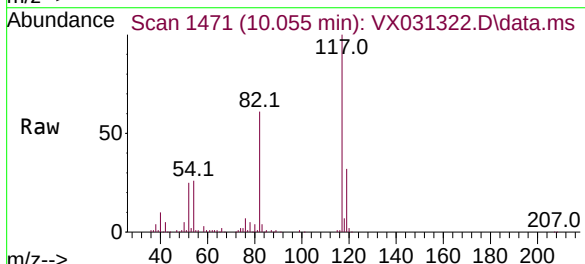
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

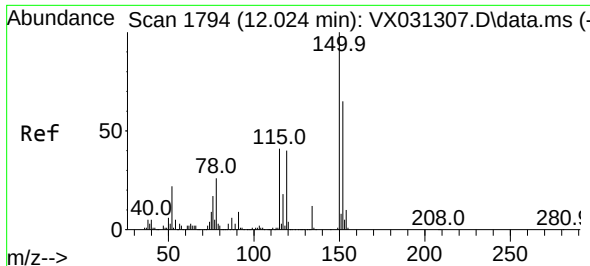
Tgt Ion: 95 Resp: 62153
Ion Ratio Lower Upper
95 100
174 73.7 0.0 153.2
176 71.1 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031322.D
Acq: 14 Sep 2022 21:48

Tgt Ion: 117 Resp: 101477
Ion Ratio Lower Upper
117 100
82 60.8 46.8 70.2
119 32.1 26.4 39.6

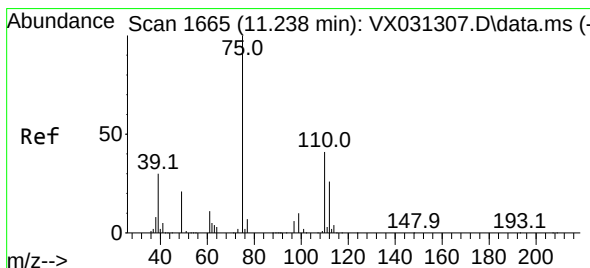
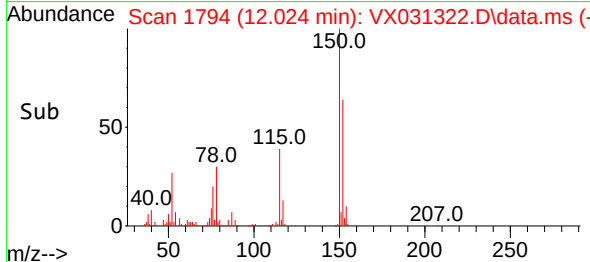
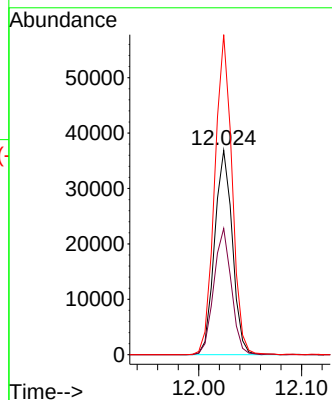
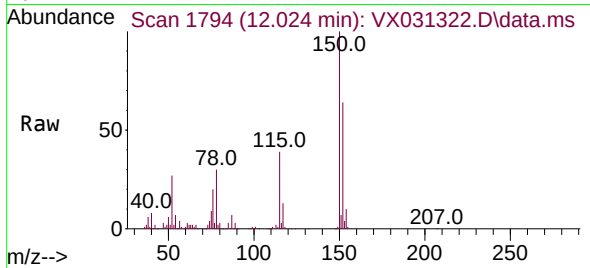




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031322.D
 Acq: 14 Sep 2022 21:48

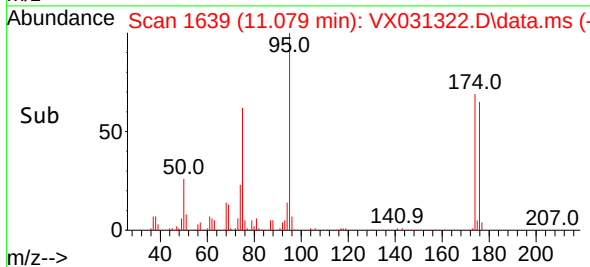
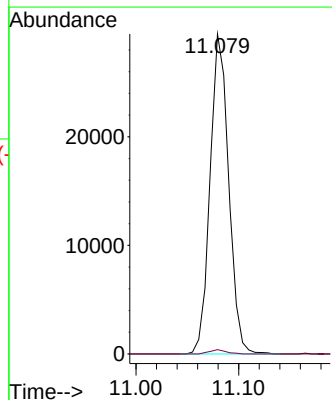
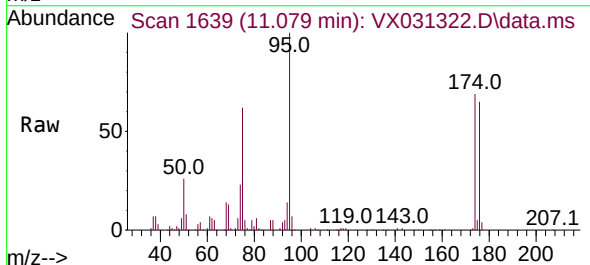
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

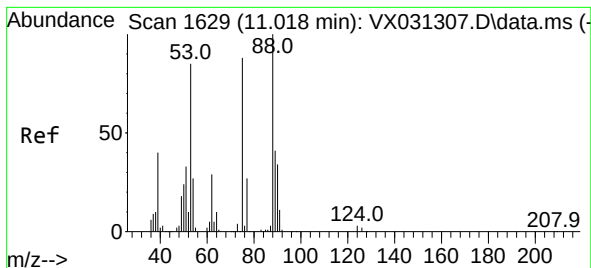
Tgt Ion:152 Resp: 44058
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.4 130.1
 150 153.1 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 33.352 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031322.D
 Acq: 14 Sep 2022 21:48

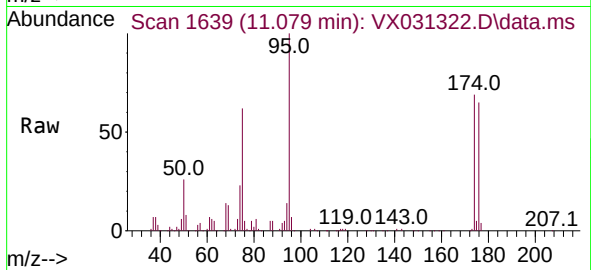
Tgt Ion: 75 Resp: 37030
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.287 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031322.D
 Acq: 14 Sep 2022 21:48

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



Tgt Ion: 75 Resp: 37030
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

