

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030092.D
 Acq On : 15 Jul 2022 15:27
 Operator : JC/MD
 Sample : N3740-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 16 06:02:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

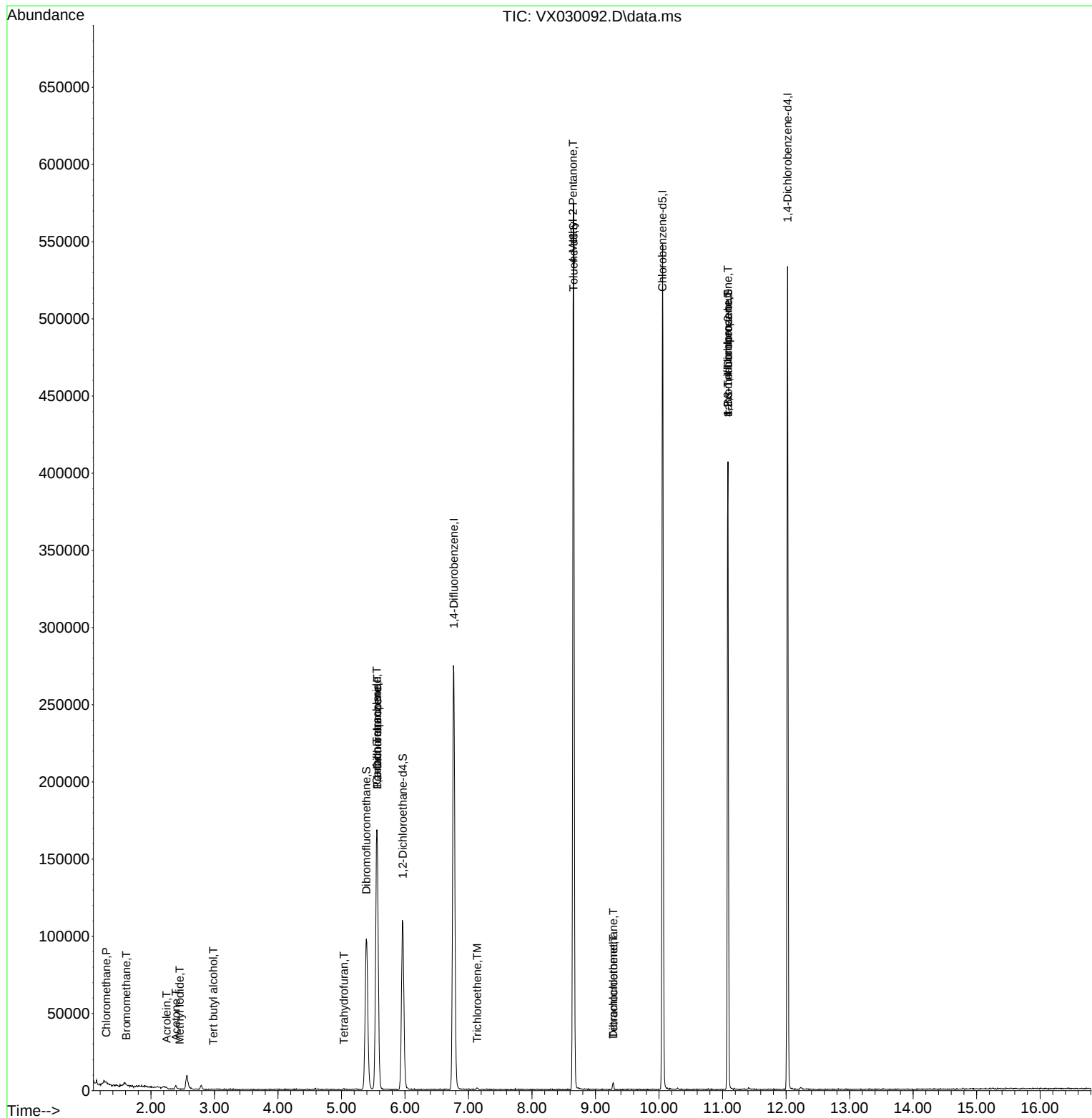
Internal Standards						
1) Pentafluorobenzene	5.562	168	165754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	295381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100253	49.691	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.380%
35) Dibromofluoromethane	5.391	113	87917	46.591	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	8.653	98	341751	48.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.300%
62) 4-Bromofluorobenzene	11.085	95	109668	44.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.060%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	703	0.407	ug/l	97
5) Bromomethane	1.611	94	217	0.266	ug/l	91
10) Methyl Iodide	2.453	142	150	2.494	ug/l #	63
11) Tert butyl alcohol	2.983	59	105	0.202	ug/l #	74
13) Acrolein	2.245	56	80	0.771	ug/l #	75
16) Acetone	2.392	43	2021	2.126	ug/l	95
17) Carbon Disulfide	2.514	76	222	Below Cal	#	23
20) Methylene Chloride	2.794	84	1100	Below Cal		93
29) Tetrahydrofuran	5.038	42	263	0.239	ug/l #	37
36) 1,1-Dichloropropene	5.562	75	13088	5.370	ug/l #	48
38) Carbon Tetrachloride	5.556	117	16058	7.065	ug/l #	15
44) Trichloroethene	7.135	130	527	0.235	ug/l	75
51) 4-Methyl-2-Pentanone	8.647	43	1514	0.486	ug/l #	1
60) Dibromochloromethane	9.281	129	952	0.486	ug/l #	13
64) Tetrachloroethene	9.281	164	965	0.473	ug/l #	78
76) 1,2,3-Trichloropropane	11.085	75	53139	21.150	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	53139	61.039	ug/l #	13

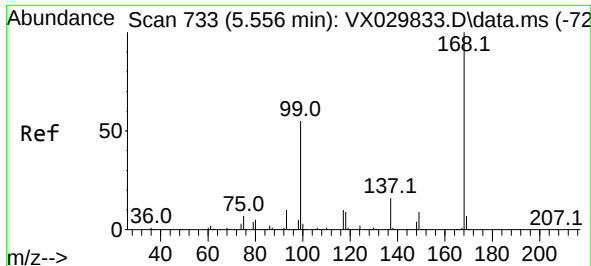
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Jul 16 06:02:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

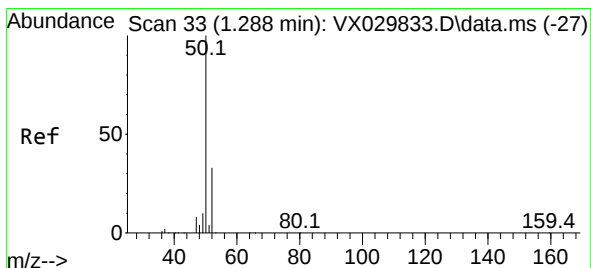
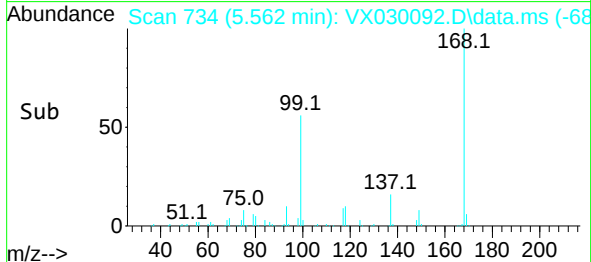
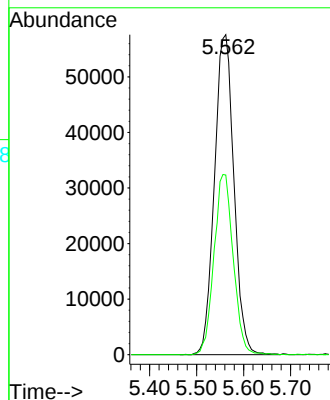
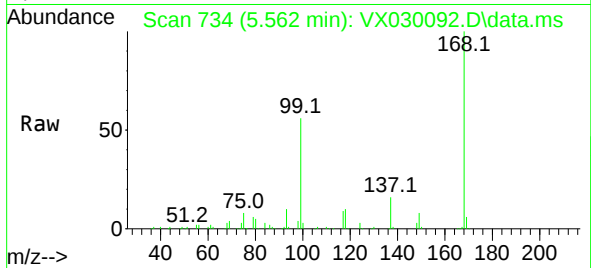




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

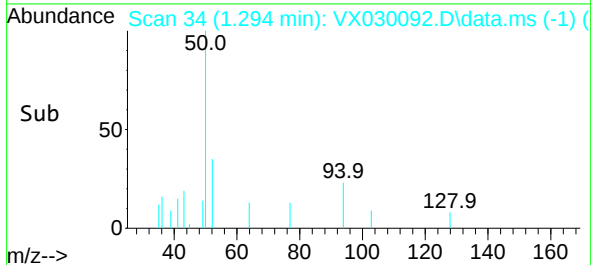
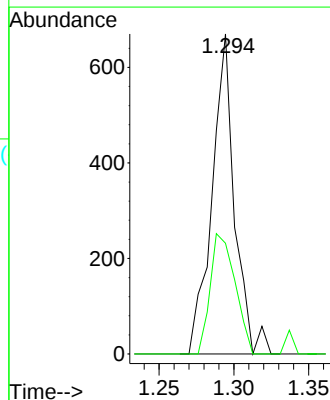
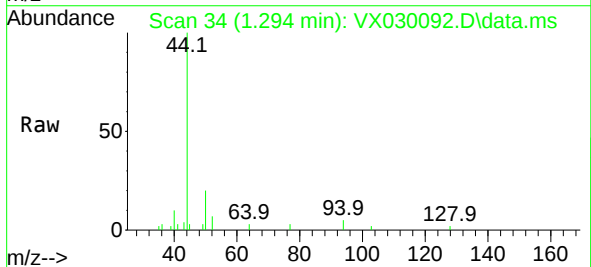
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

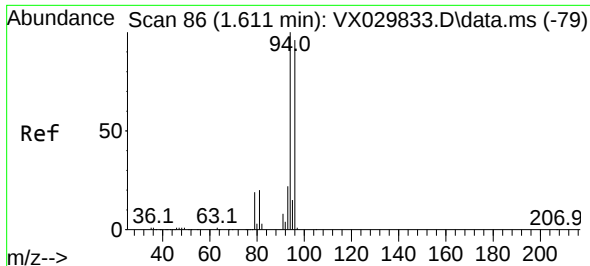
Tgt Ion:168 Resp: 165754
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#3
Chloromethane
Concen: 0.407 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

Tgt Ion: 50 Resp: 703
Ion Ratio Lower Upper
50 100
52 34.6 26.3 39.5

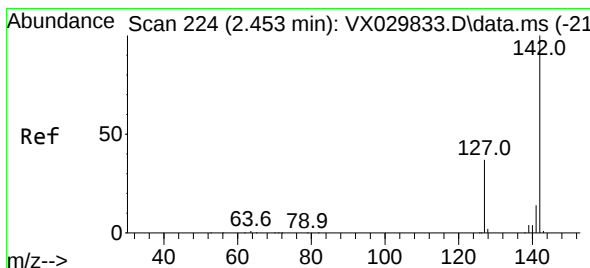
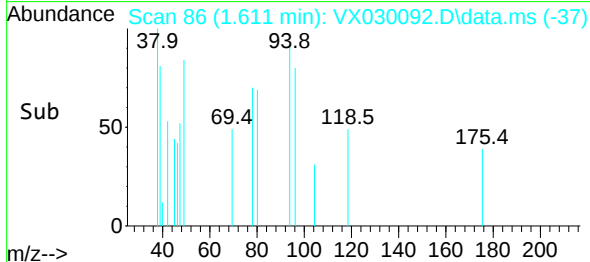
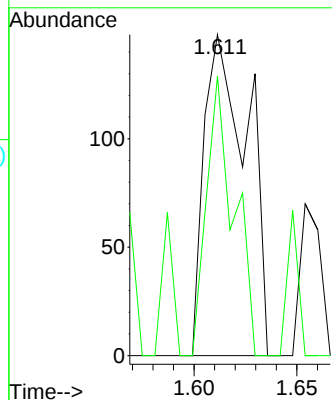
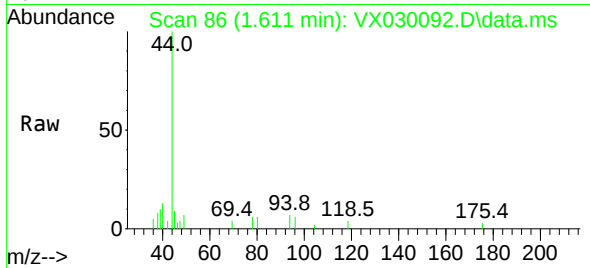




#5
Bromomethane
Concen: 0.266 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

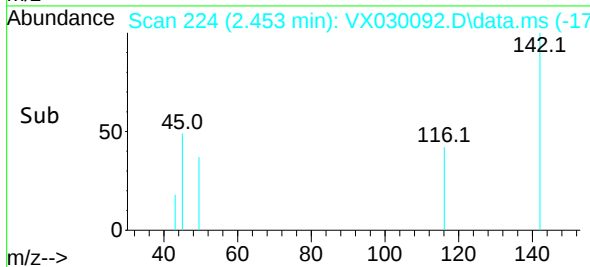
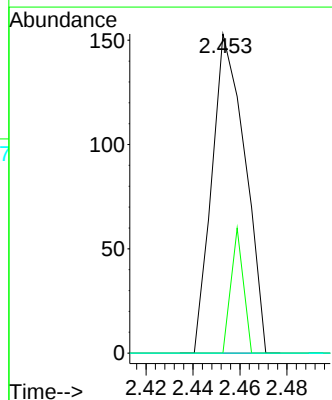
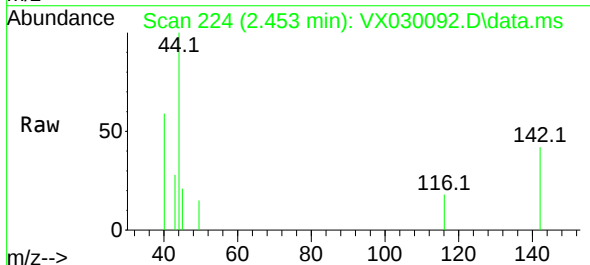
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

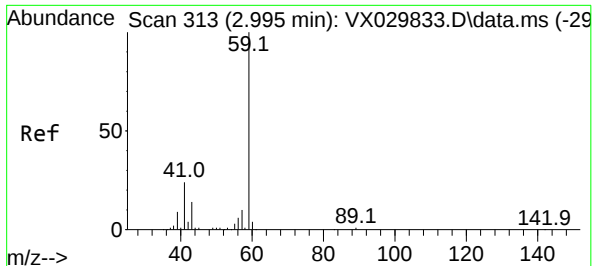
Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 87.2 76.9 115.3



#10
Methyl Iodide
Concen: 2.494 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

Tgt Ion: 142 Resp: 150
Ion Ratio Lower Upper
142 100
127 14.7 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.202 ug/l

RT: 2.983 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX030092.D

Acq: 15 Jul 2022 15:27

Instrument :

MSVOA_X

ClientSampleId :

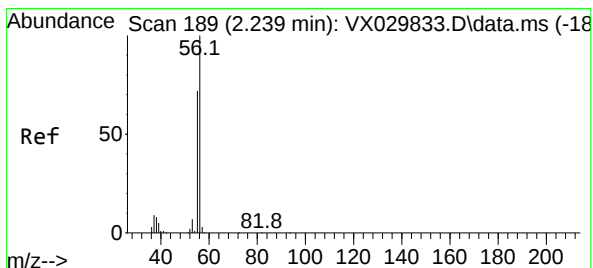
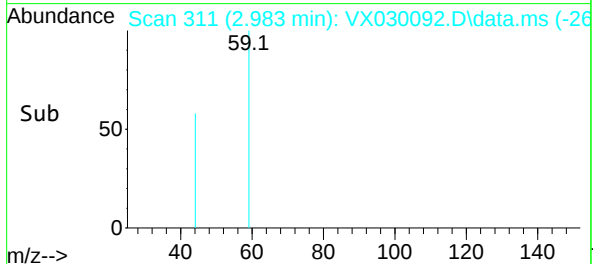
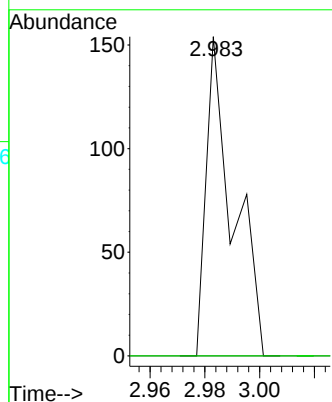
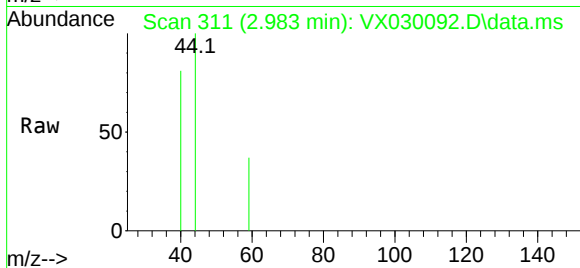
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 59 Resp: 105

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 0.771 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX030092.D

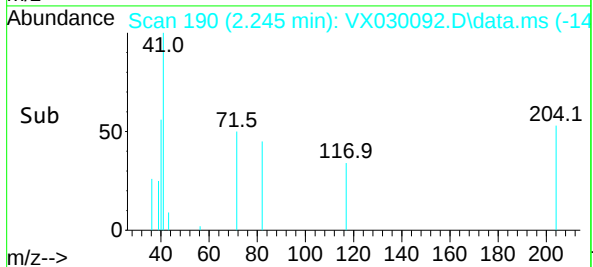
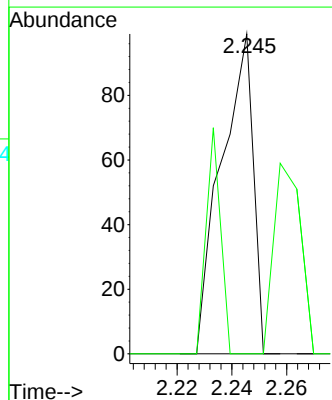
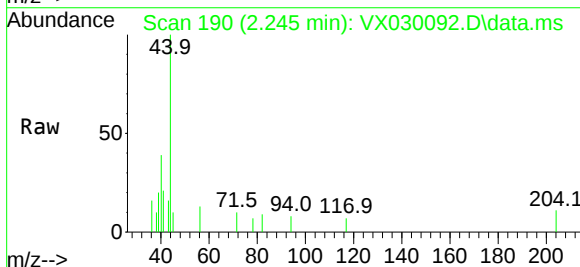
Acq: 15 Jul 2022 15:27

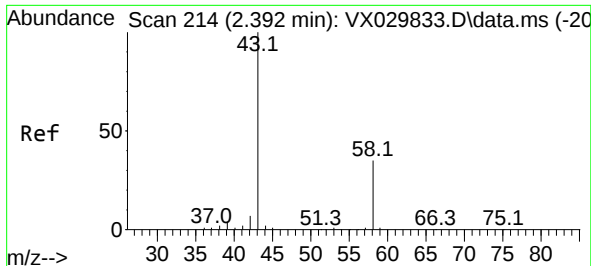
Tgt Ion: 56 Resp: 80

Ion Ratio Lower Upper

56 100

55 50.0 56.6 84.8#

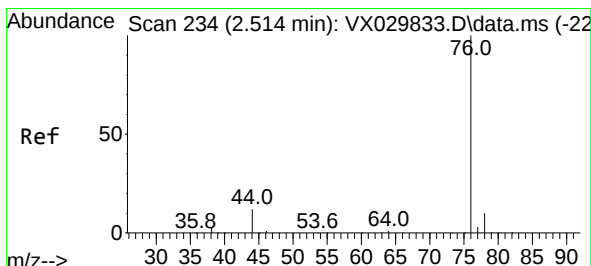
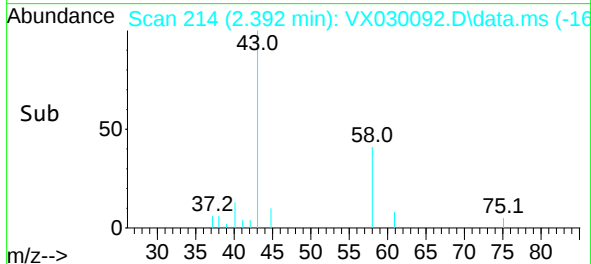
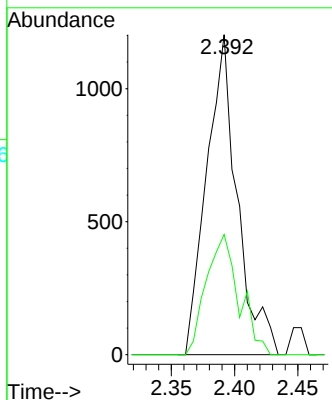
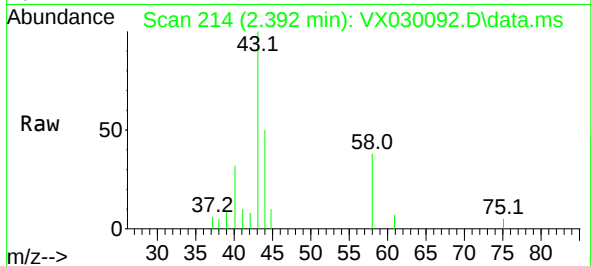




#16
Acetone
Concen: 2.126 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

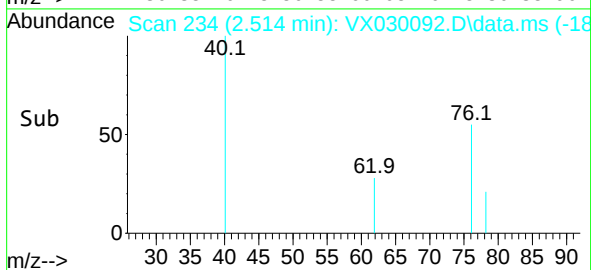
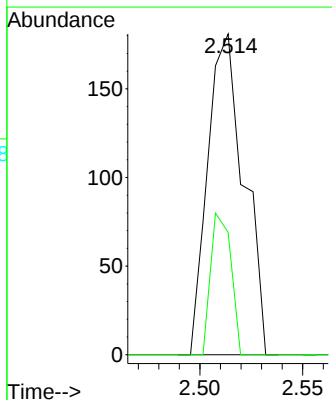
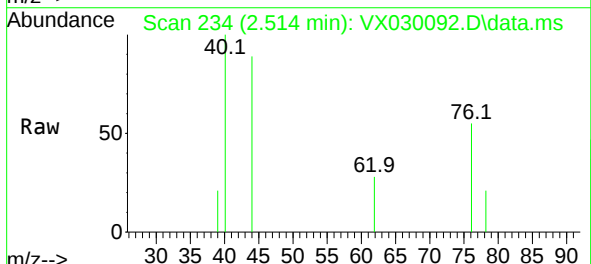
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

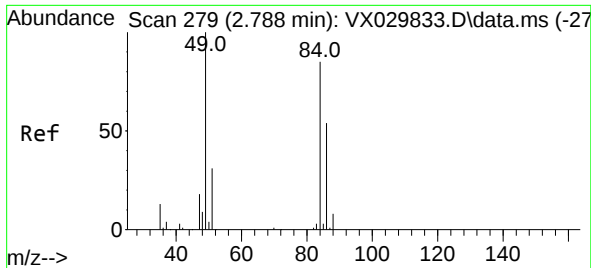
Tgt Ion: 43 Resp: 2021
Ion Ratio Lower Upper
43 100
58 37.6 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

Tgt Ion: 76 Resp: 222
Ion Ratio Lower Upper
76 100
78 38.1 7.8 11.6#

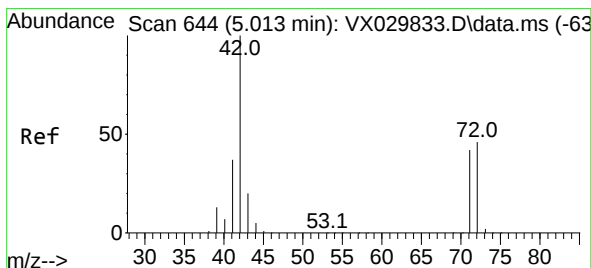
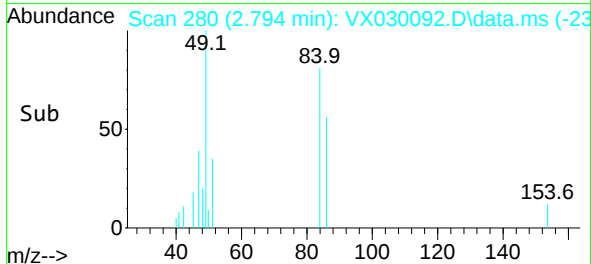
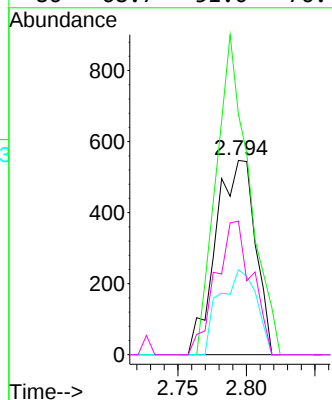
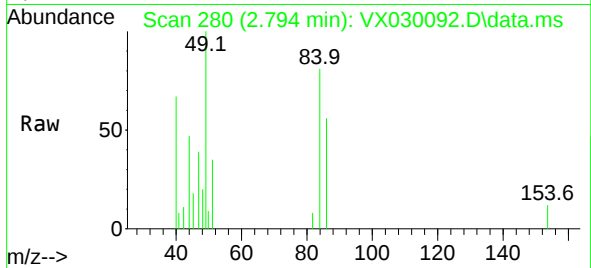




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

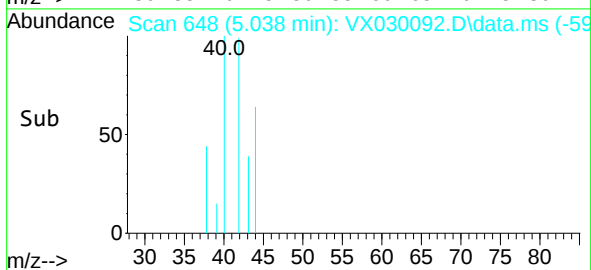
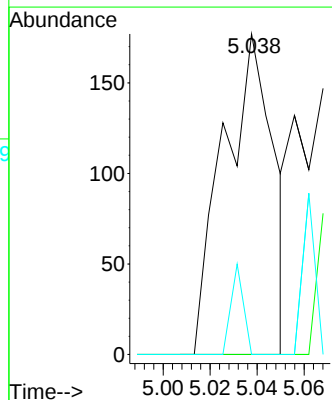
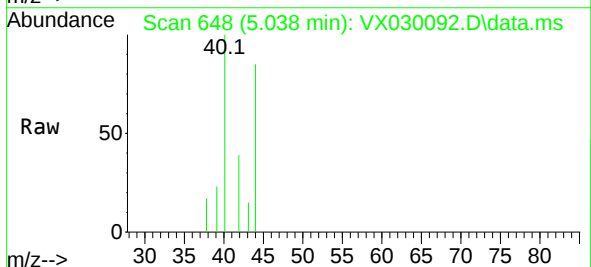
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

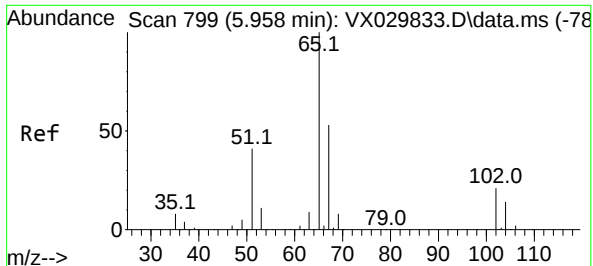
Tgt Ion:	84	Resp:	1100
Ion	Ratio	Lower	Upper
84	100		
49	123.6	93.8	140.6
51	43.7	29.4	44.0
86	68.7	51.0	76.4



#29
Tetrahydrofuran
Concen: 0.239 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

Tgt Ion:	42	Resp:	263
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.5	54.7#
71	6.8	33.9	50.9#





#33

1,2-Dichloroethane-d4

Concen: 49.691 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030092.D

Acq: 15 Jul 2022 15:27

Instrument :

MSVOA_X

ClientSampleId :

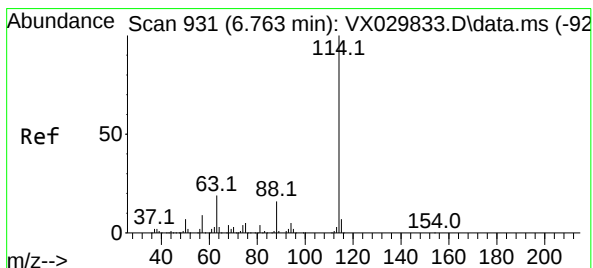
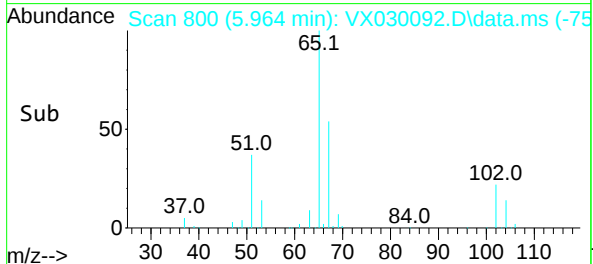
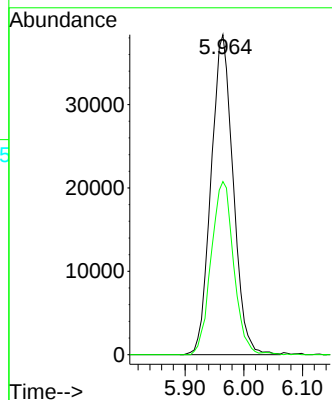
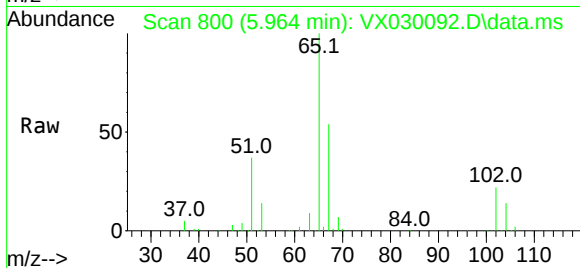
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 100253

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030092.D

Acq: 15 Jul 2022 15:27

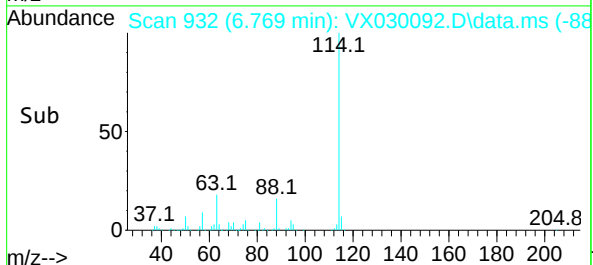
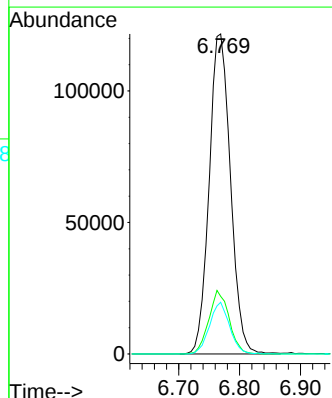
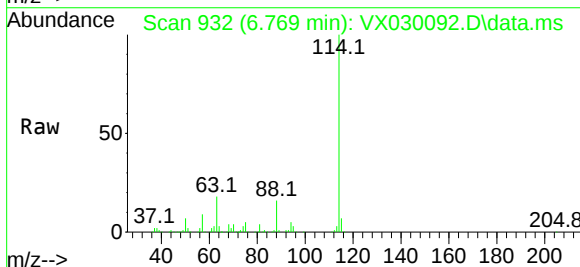
Tgt Ion: 114 Resp: 295381

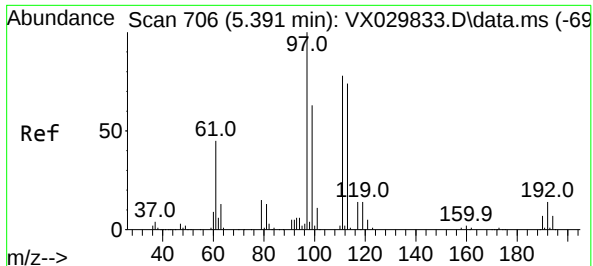
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.591 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030092.D

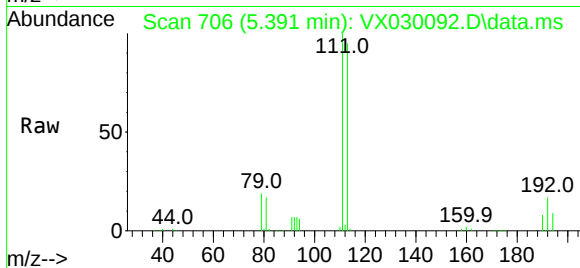
Acq: 15 Jul 2022 15:27

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



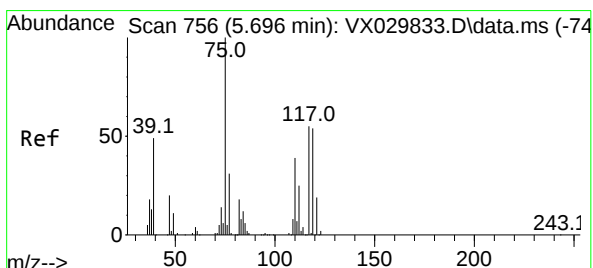
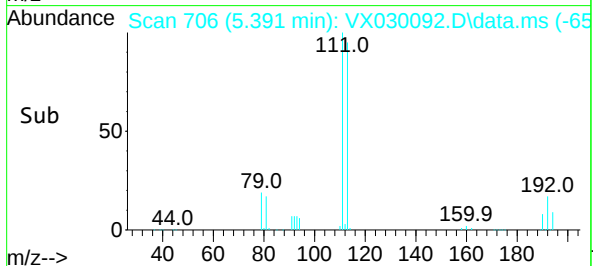
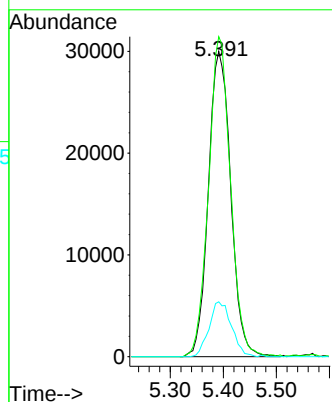
Tgt Ion:113 Resp: 87917

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

192 18.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.370 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030092.D

Acq: 15 Jul 2022 15:27

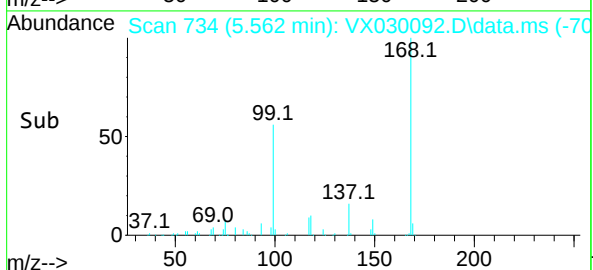
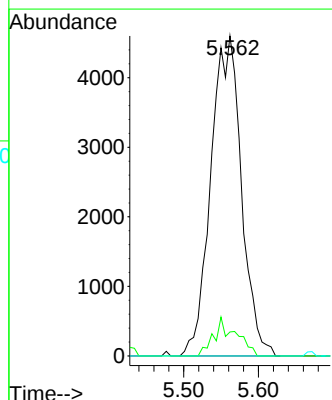
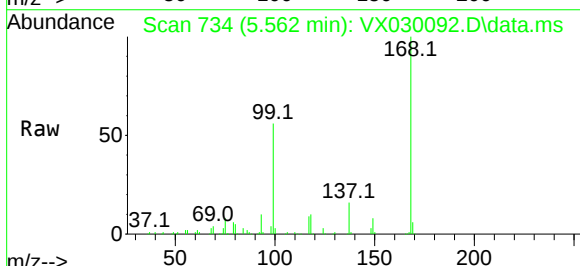
Tgt Ion: 75 Resp: 13088

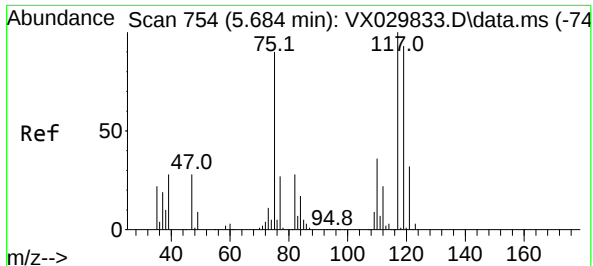
Ion Ratio Lower Upper

75 100

110 8.7 19.3 57.9#

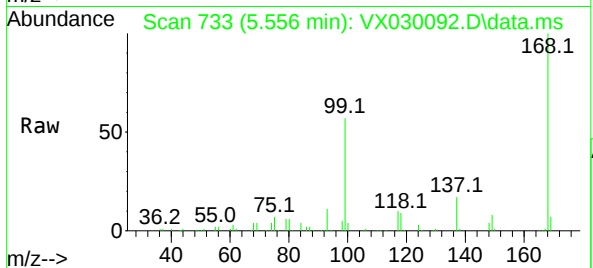
77 0.0 24.4 36.6#



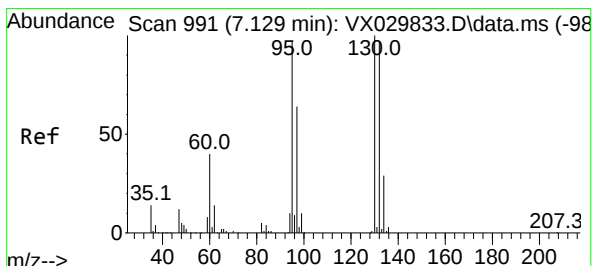
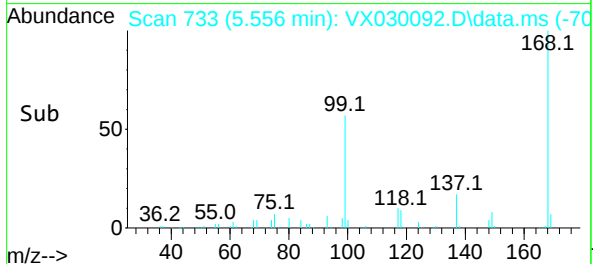
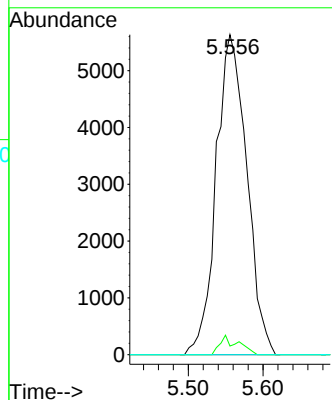


#38
Carbon Tetrachloride
Concen: 7.065 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

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

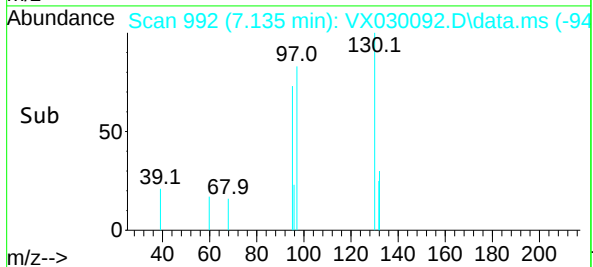
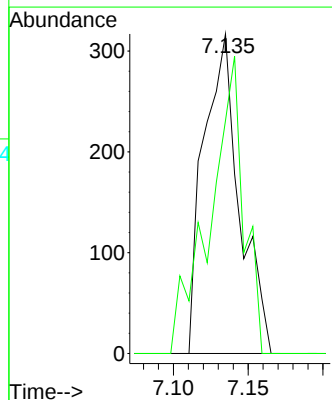
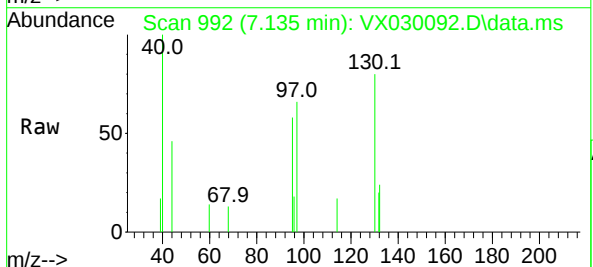


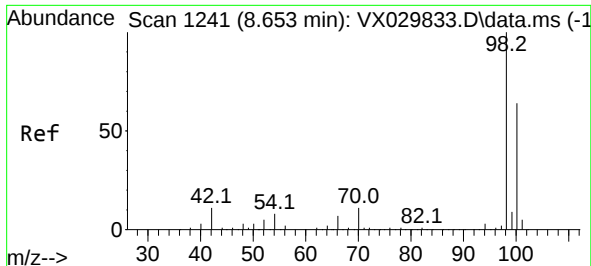
Tgt Ion:117 Resp: 16058
Ion Ratio Lower Upper
117 100
119 2.7 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.235 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

Tgt Ion:130 Resp: 527
Ion Ratio Lower Upper
130 100
95 72.9 0.0 194.8

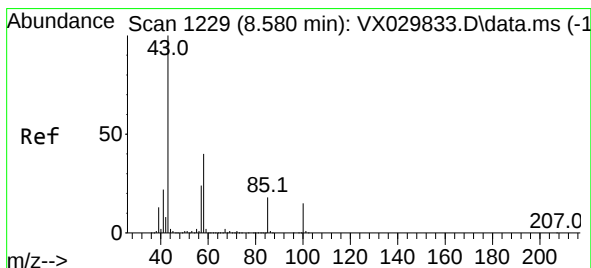
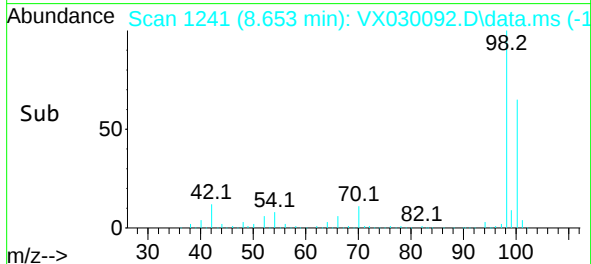
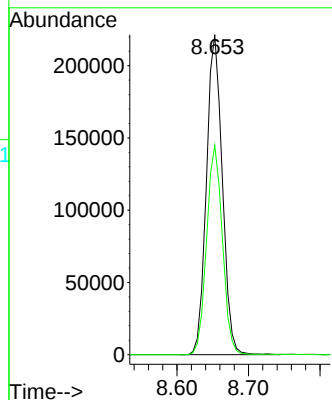
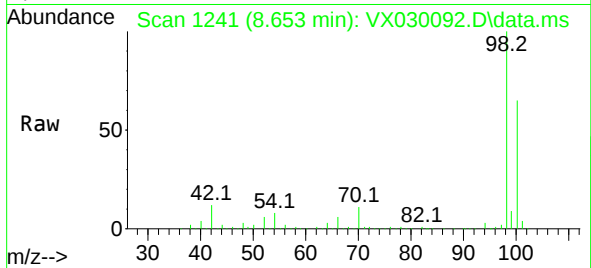




#50
Toluene-d8
Concen: 48.155 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

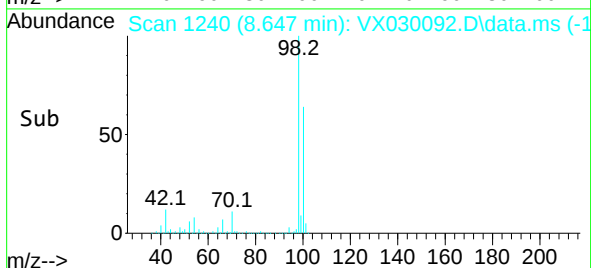
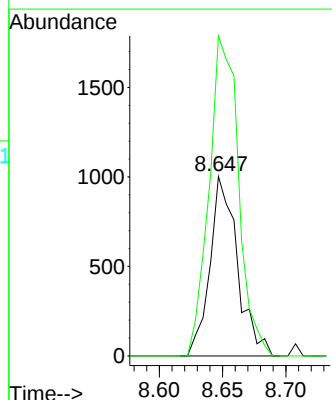
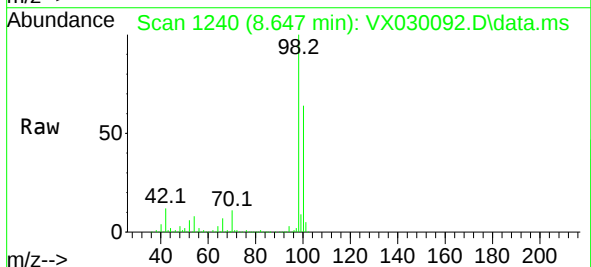
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

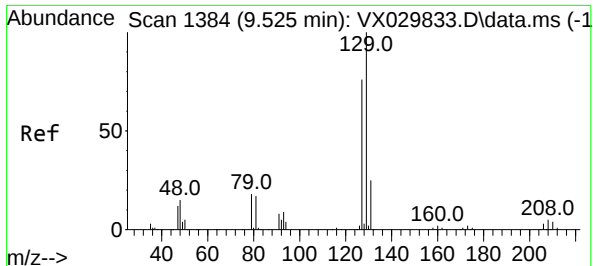
Tgt Ion: 98 Resp: 341751
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
58 191.2 31.4 47.2#

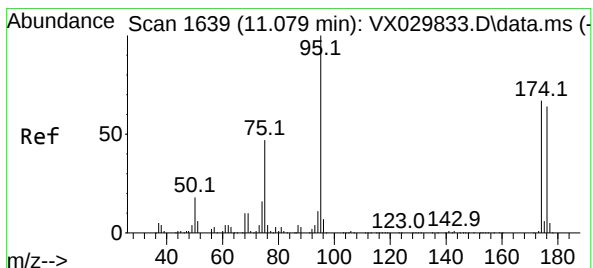
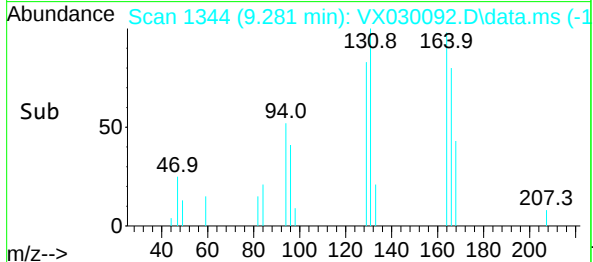
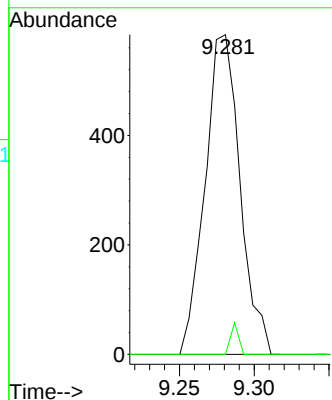
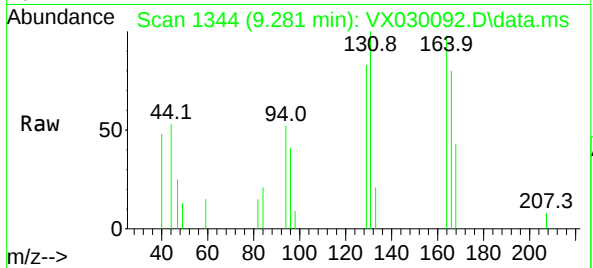




#60
Dibromochloromethane
Concen: 0.486 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

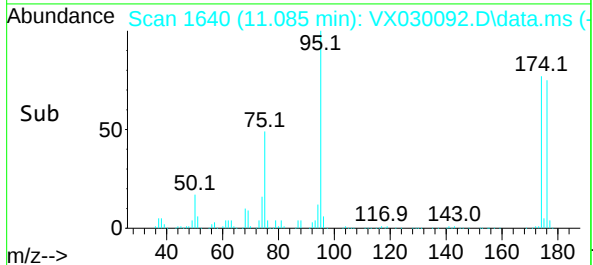
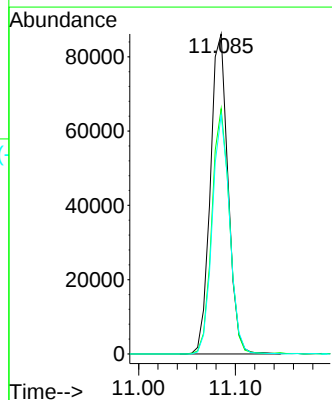
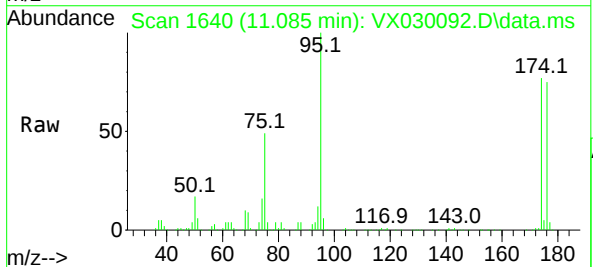
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

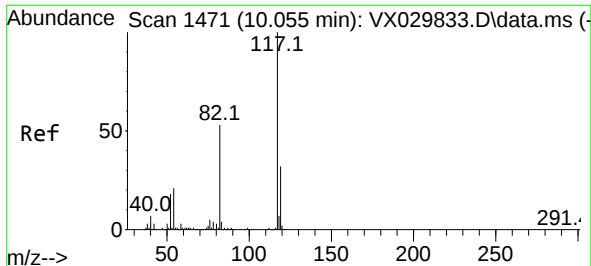
Tgt Ion:129 Resp: 952
Ion Ratio Lower Upper
129 100
127 2.2 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 44.529 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

Tgt Ion: 95 Resp: 109668
Ion Ratio Lower Upper
95 100
174 75.7 0.0 149.0
176 73.6 0.0 146.0

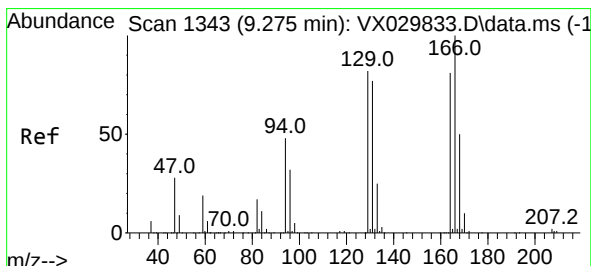
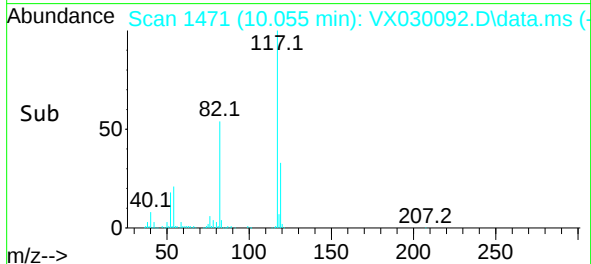
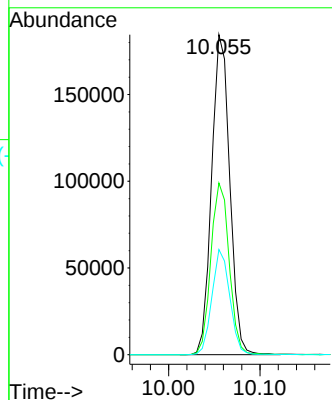
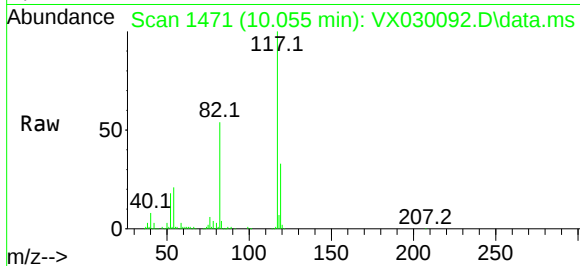




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

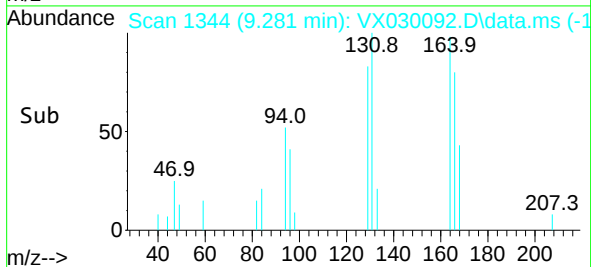
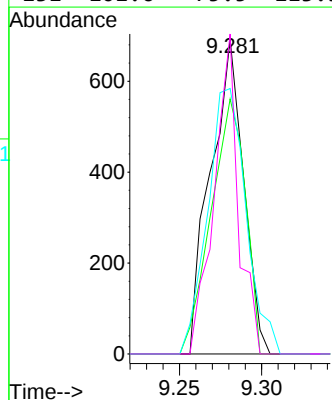
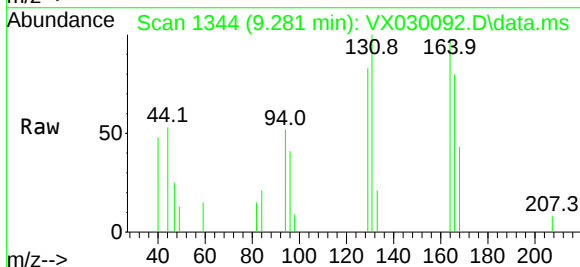
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

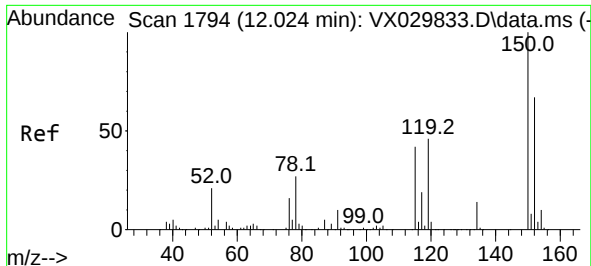
Tgt Ion:117 Resp: 253918
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.473 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

Tgt Ion:164 Resp: 965
Ion Ratio Lower Upper
164 100
166 81.0 98.2 147.4#
129 84.3 80.8 121.2
131 101.6 75.5 113.3

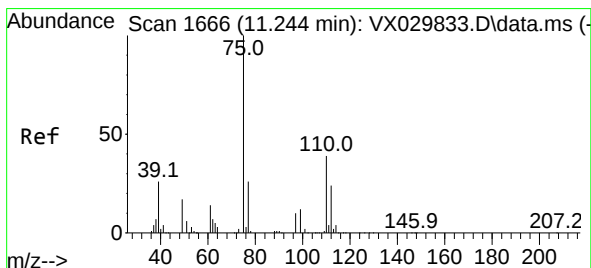
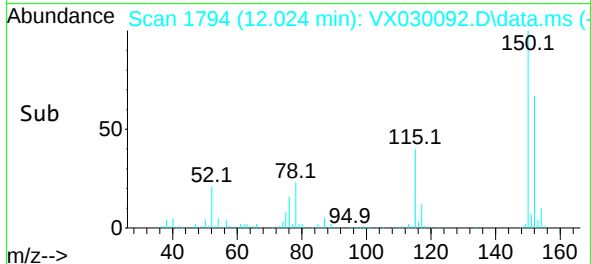
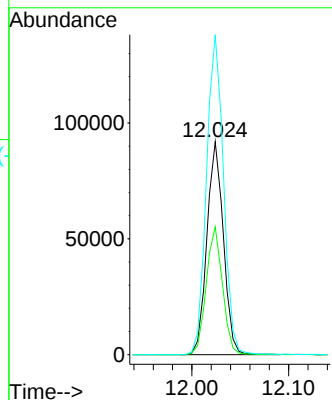
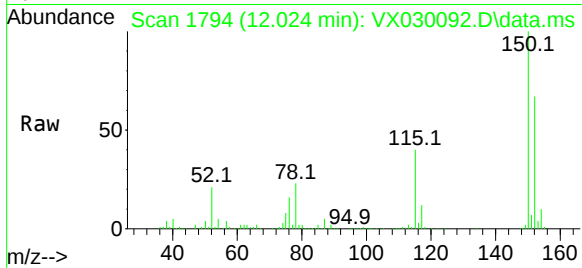




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

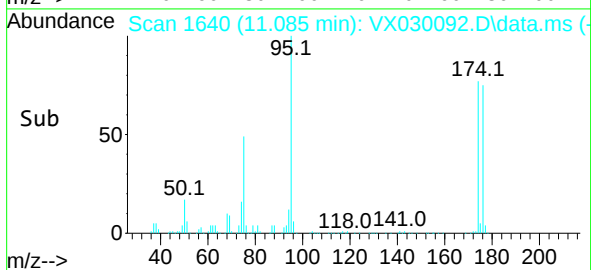
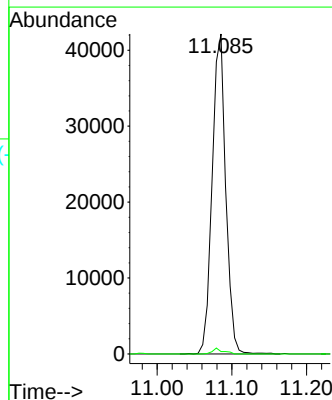
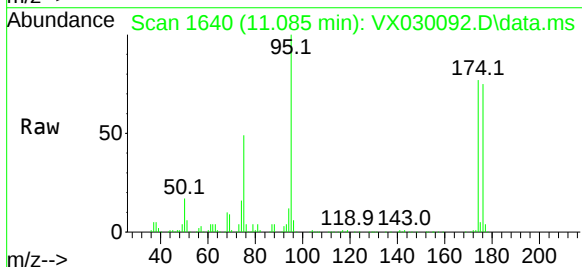
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

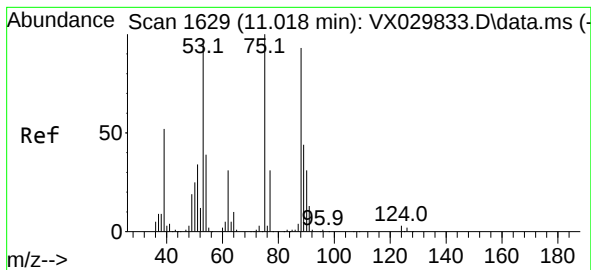
Tgt Ion:152 Resp: 109275
Ion Ratio Lower Upper
152 100
115 59.2 40.5 121.5
150 155.0 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 21.150 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030092.D
Acq: 15 Jul 2022 15:27

Tgt Ion: 75 Resp: 53139
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.039 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030092.D
 Acq: 15 Jul 2022 15:27

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

Tgt Ion: 75 Resp: 53139
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

