

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029241.D
 Acq On : 06 Jun 2022 15:57
 Operator : JC/MD
 Sample : N3195-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 07 06:05:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

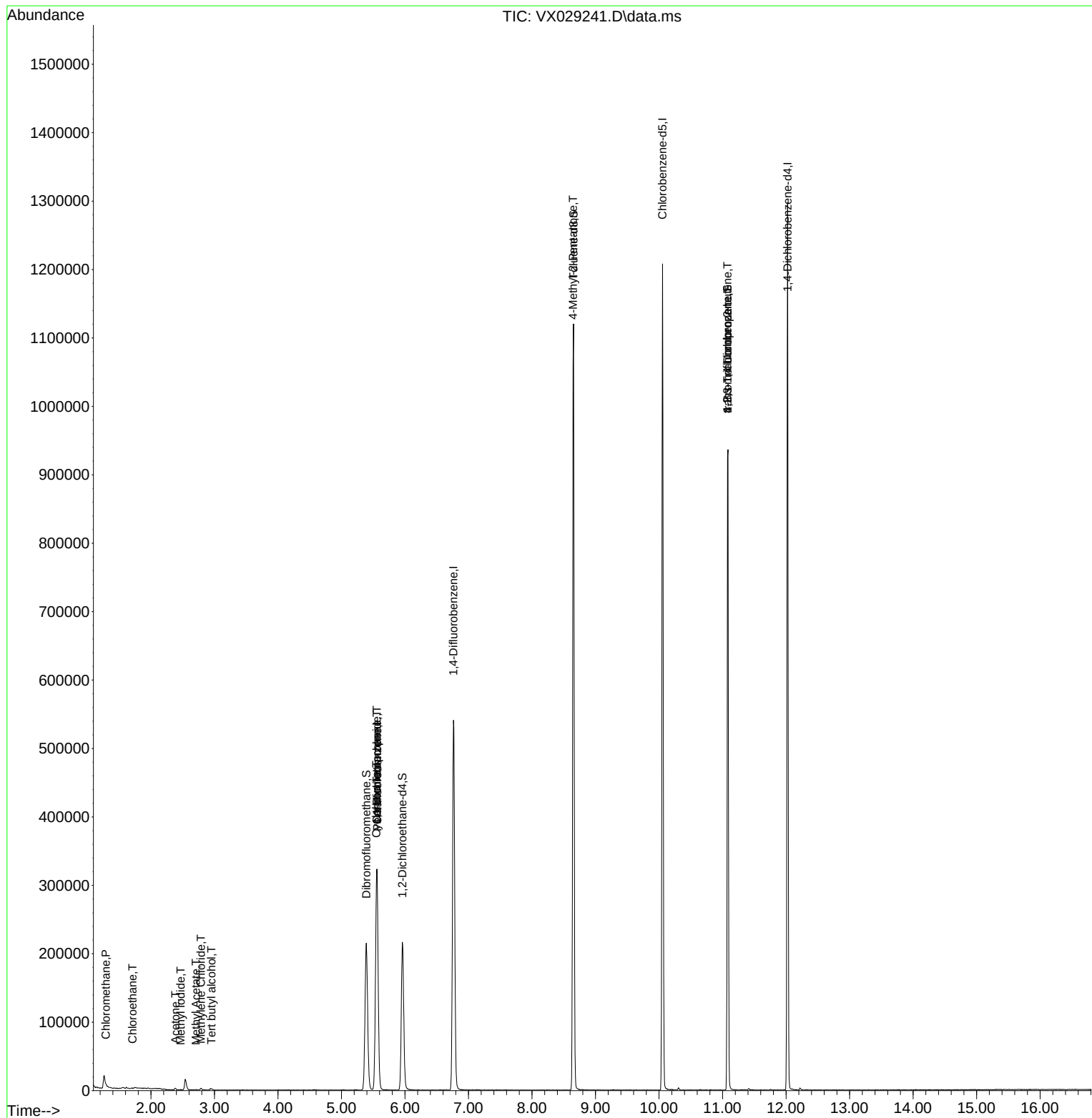
Internal Standards						
1) Pentafluorobenzene	5.562	168	304078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	575411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	561450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	210154	61.289	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	122.580%
35) Dibromofluoromethane	5.391	113	190410	49.819	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.640%
50) Toluene-d8	8.653	98	678719	48.554	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	272132	50.362	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.720%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	822	0.297	ug/l #	86
5) Bromomethane	1.612	94	909	Below Cal	#	70
6) Chloroethane	1.709	64	1240	1.856	ug/l	96
10) Methyl Iodide	2.465	142	467	4.352	ug/l #	82
11) Tert butyl alcohol	2.953	59	1433	1.804	ug/l #	72
16) Acetone	2.386	43	2850	2.111	ug/l	91
18) Methyl Acetate	2.709	43	943	0.270	ug/l #	70
20) Methylene Chloride	2.788	84	1042	0.331	ug/l	92
31) Cyclohexane	5.550	56	5721	1.283	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24037	4.888	ug/l #	49
38) Carbon Tetrachloride	5.556	117	32045	5.702	ug/l #	16
44) Trichloroethene	7.135	130	297	Below Cal		95
51) 4-Methyl-2-Pentanone	8.647	43	2429	0.490	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	133096	25.540	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	133096	74.931	ug/l #	15

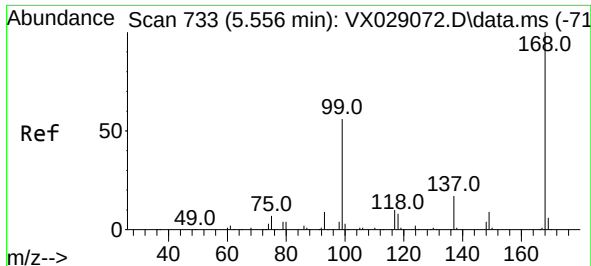
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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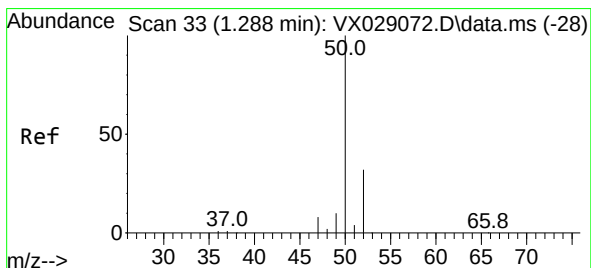
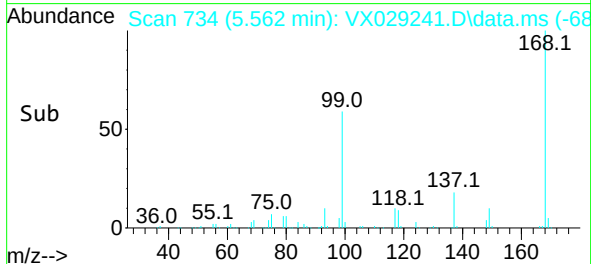
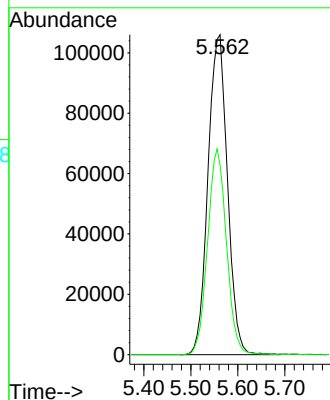
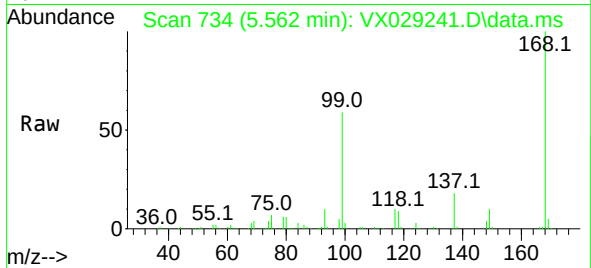




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

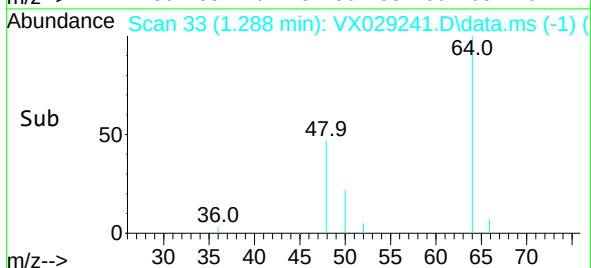
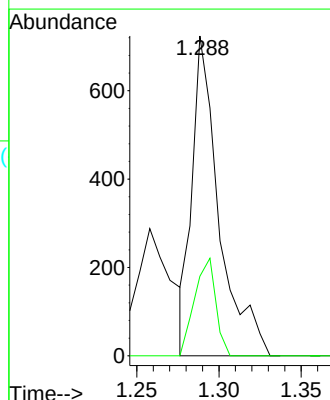
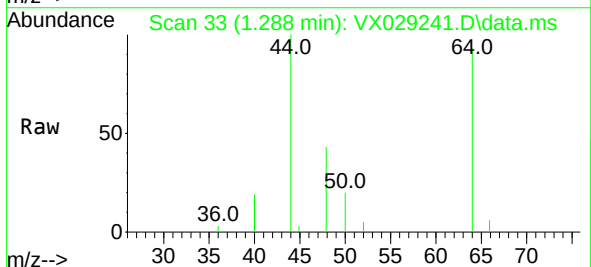
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

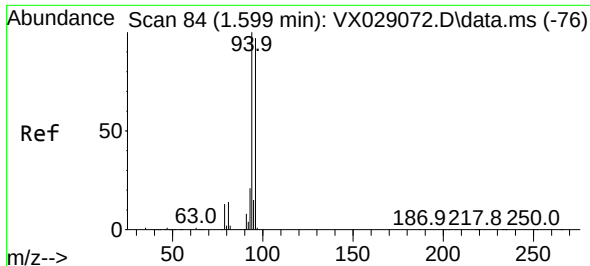
Tgt Ion:168 Resp: 304078
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5



#3
Chloromethane
Concen: 0.297 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

Tgt Ion: 50 Resp: 822
Ion Ratio Lower Upper
50 100
52 24.9 26.4 39.6#

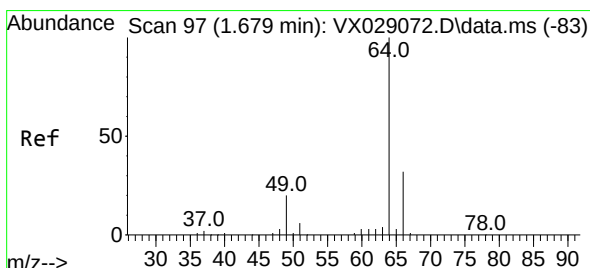
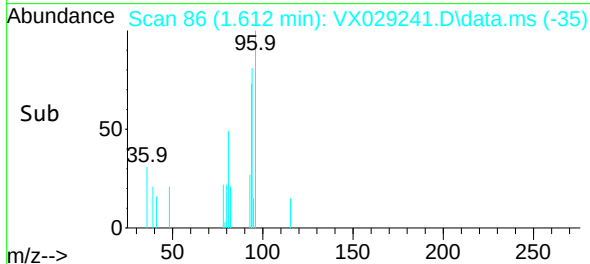
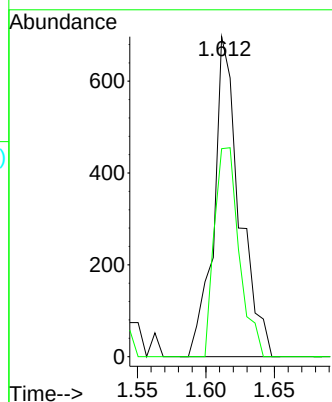
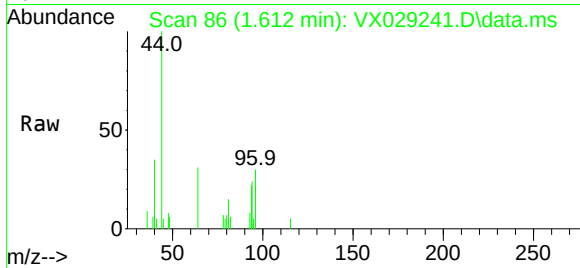




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

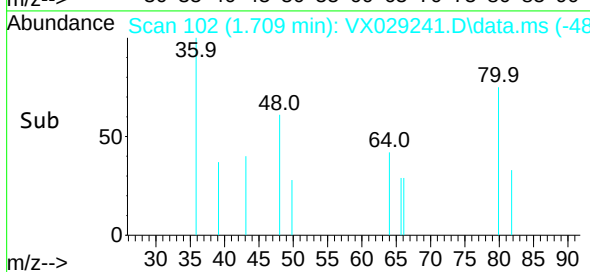
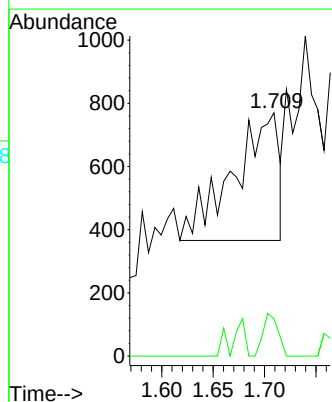
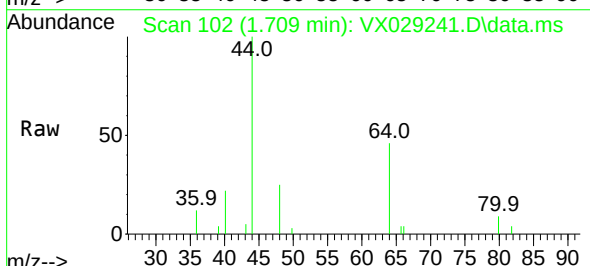
Instrument :
MSVOA_X
ClientSampleId :
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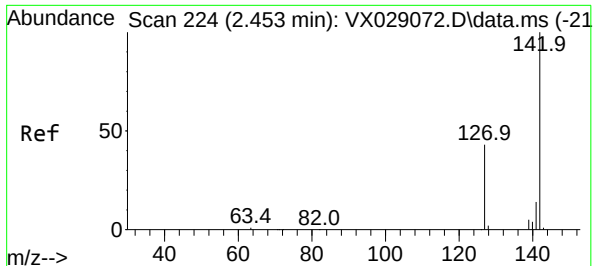
Tgt Ion: 94 Resp: 909
Ion Ratio Lower Upper
94 100
96 65.0 75.3 112.9#



#6
Chloroethane
Concen: 1.856 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

Tgt Ion: 64 Resp: 1240
Ion Ratio Lower Upper
64 100
66 29.2 25.3 37.9

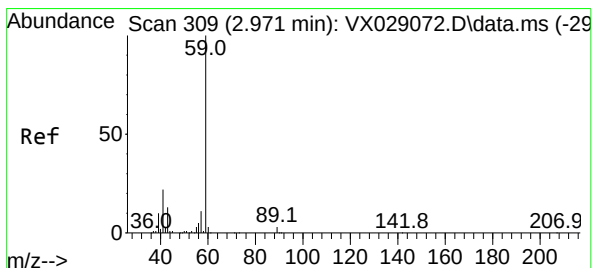
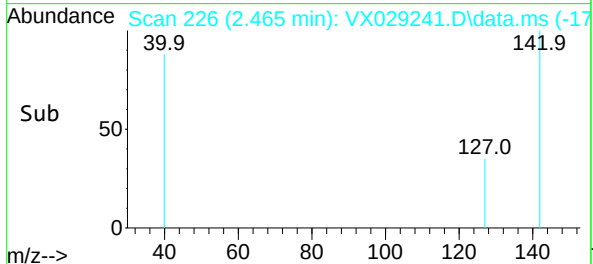
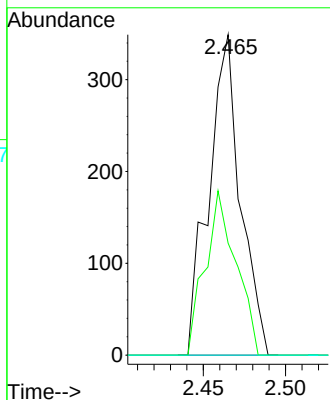
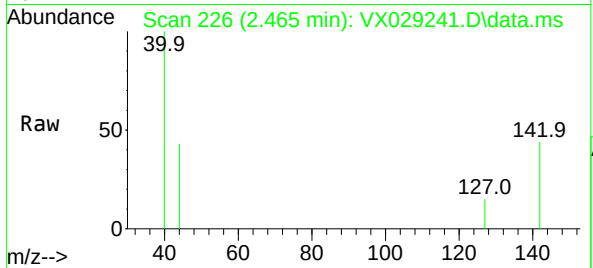




#10
Methyl Iodide
Concen: 4.352 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

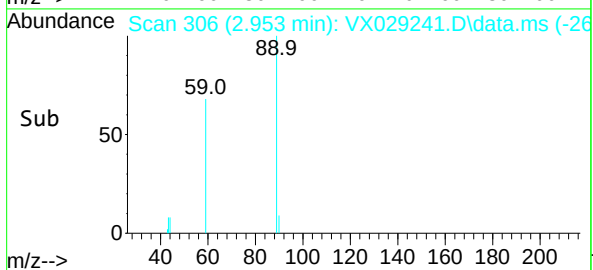
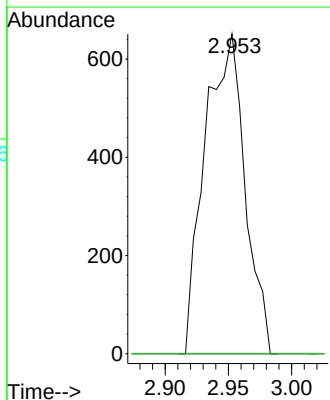
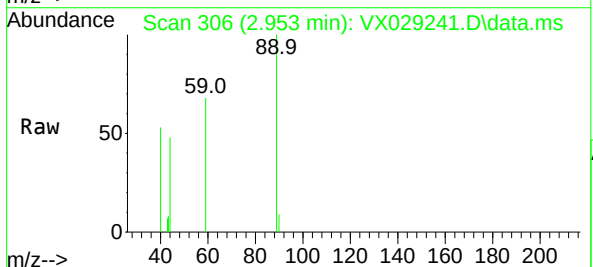
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

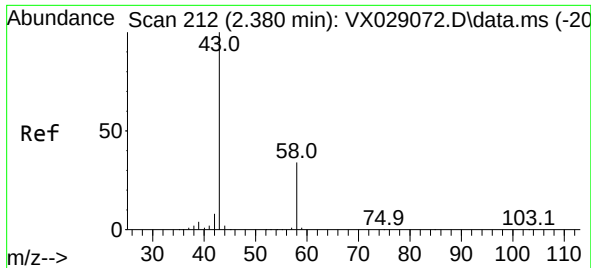
Tgt Ion:142 Resp: 467
Ion Ratio Lower Upper
142 100
127 49.9 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.804 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

Tgt Ion: 59 Resp: 1433
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

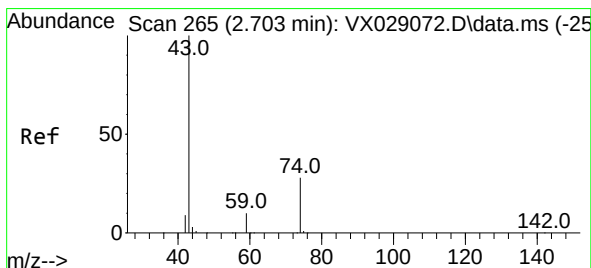
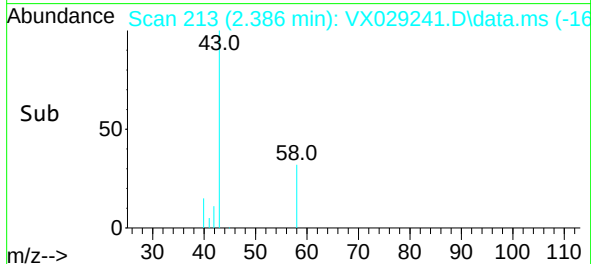
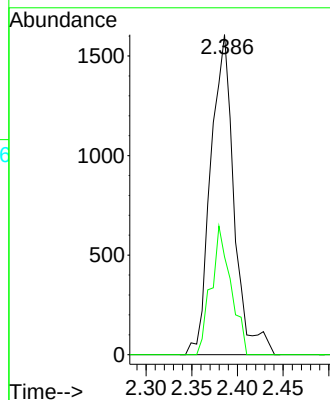
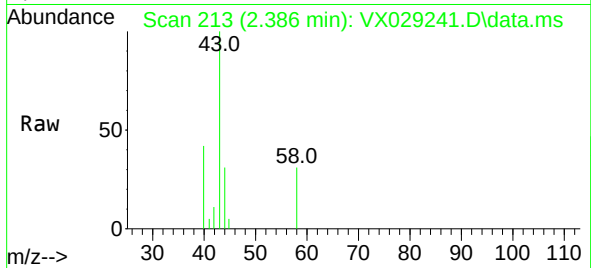




#16
Acetone
Concen: 2.111 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

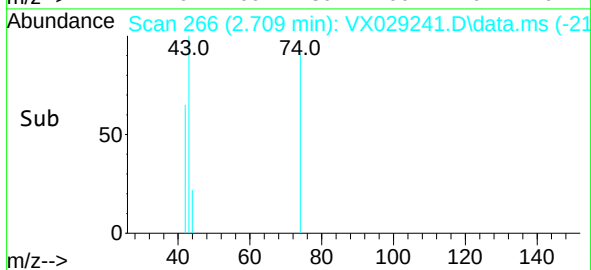
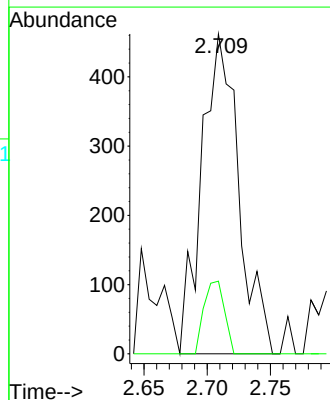
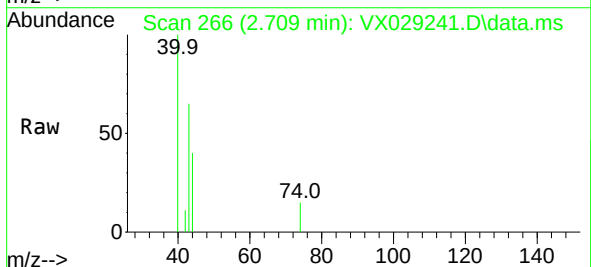
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

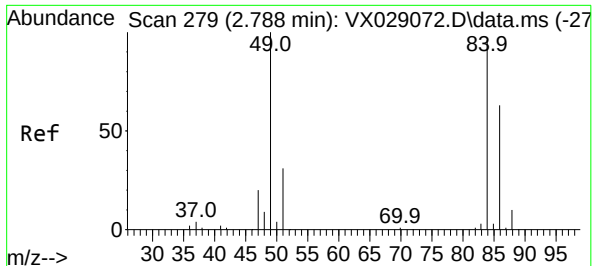
Tgt Ion: 43 Resp: 2850
Ion Ratio Lower Upper
43 100
58 30.6 28.8 43.2



#18
Methyl Acetate
Concen: 0.270 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
74 12.5 22.8 34.2#





#20

Methylene Chloride

Concen: 0.331 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX029241.D

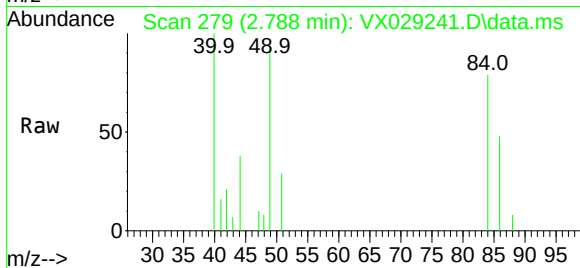
Acq: 06 Jun 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion: 84 Resp: 1042

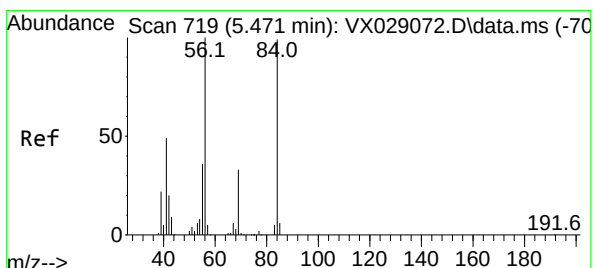
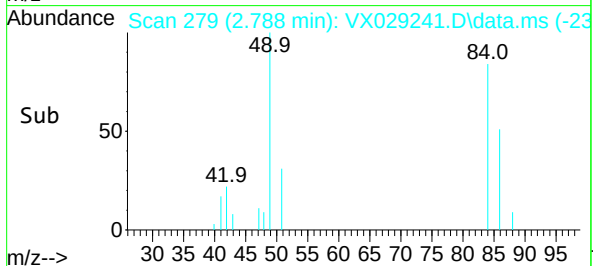
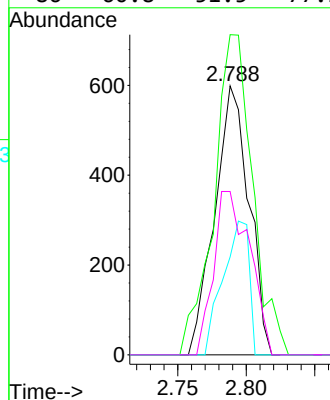
Ion Ratio Lower Upper

84 100

49 119.0 85.5 128.3

51 36.4 26.6 39.8

86 60.8 51.5 77.3



#31

Cyclohexane

Concen: 1.283 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX029241.D

Acq: 06 Jun 2022 15:57

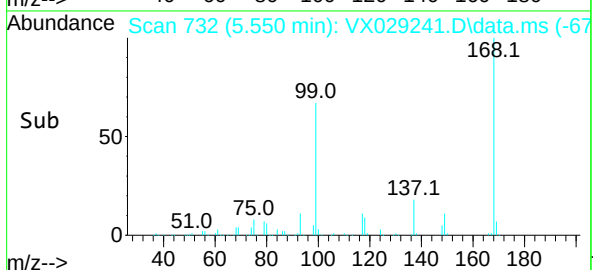
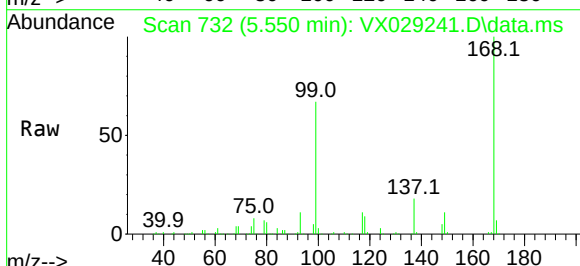
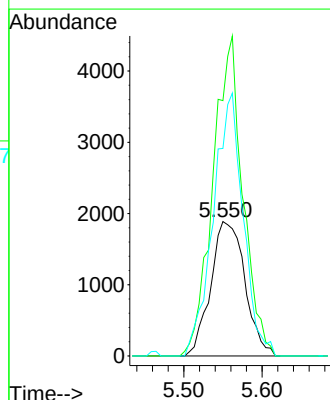
Tgt Ion: 56 Resp: 5721

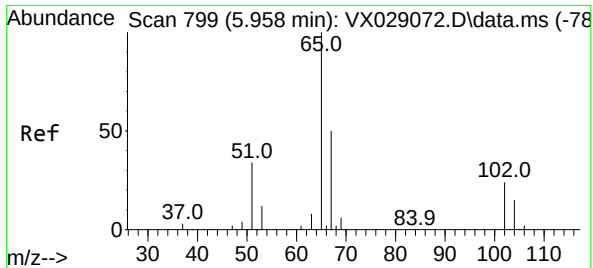
Ion Ratio Lower Upper

56 100

69 189.9 26.7 40.1#

84 154.3 77.2 115.8#

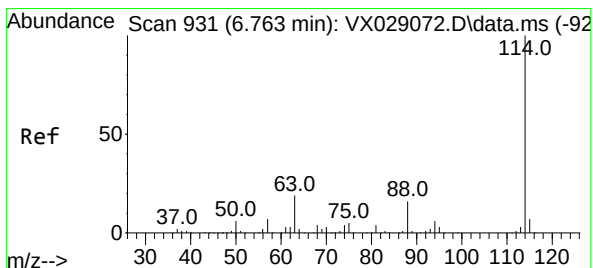
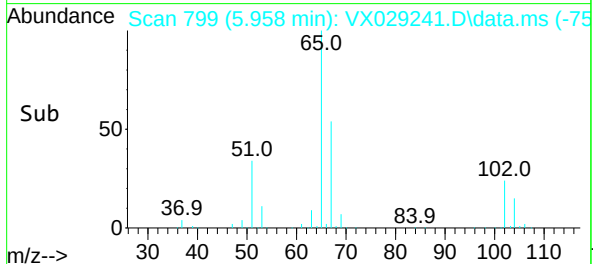
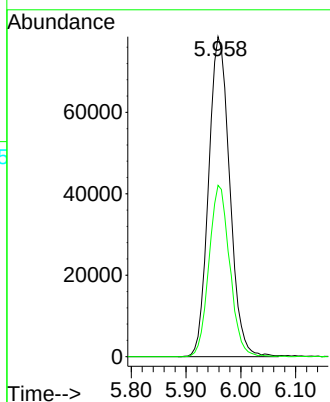
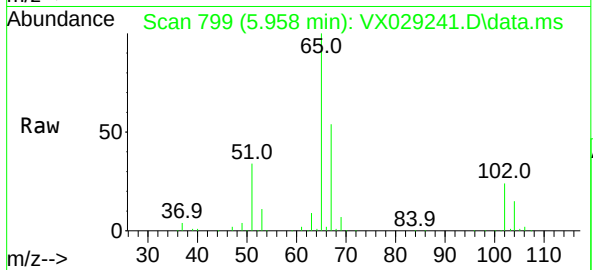




#33
 1,2-Dichloroethane-d4
 Concen: 61.289 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029241.D
 Acq: 06 Jun 2022 15:57

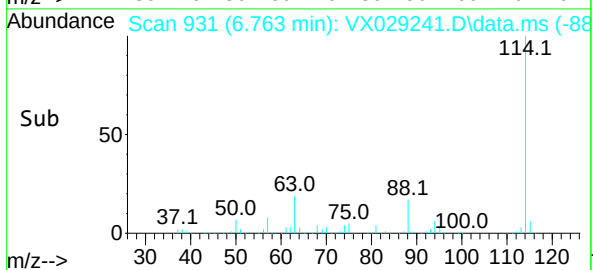
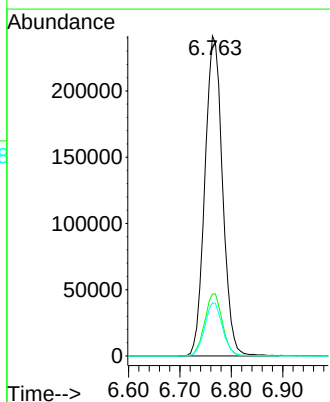
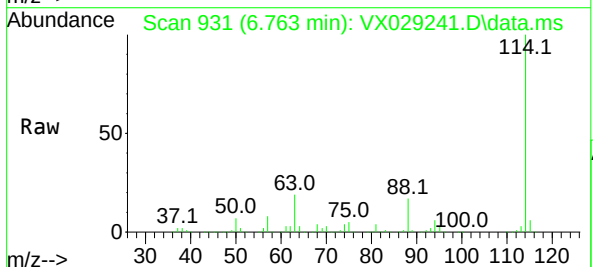
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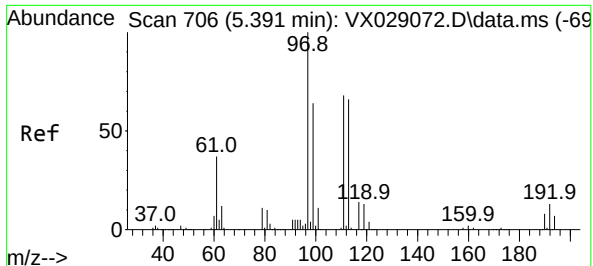
Tgt Ion: 65 Resp: 210154
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX029241.D
 Acq: 06 Jun 2022 15:57

Tgt Ion: 114 Resp: 575411
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.8
 88 16.6 0.0 32.4

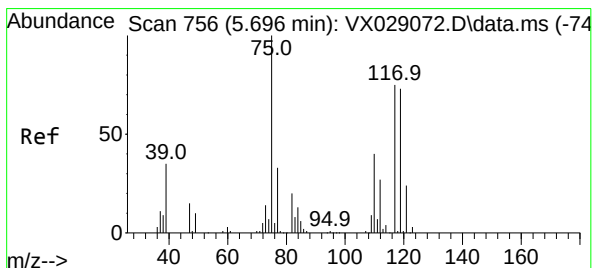
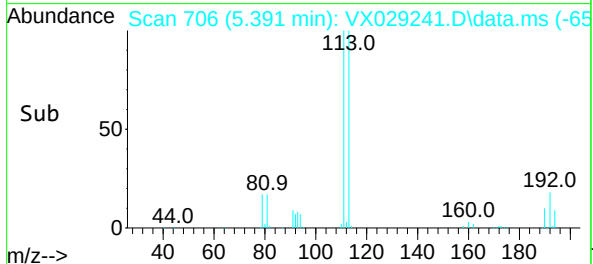
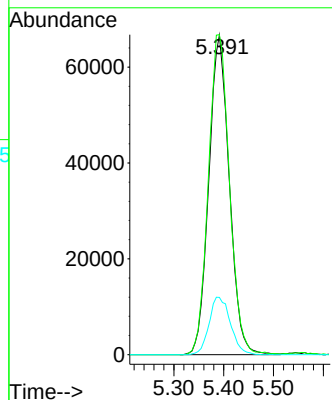
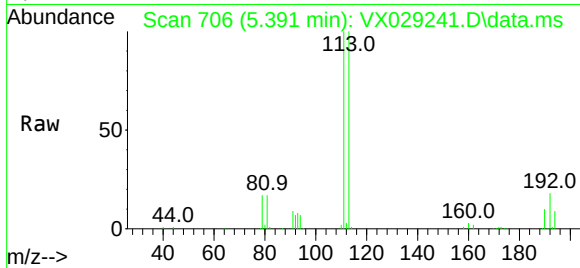




#35
Dibromofluoromethane
Concen: 49.819 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

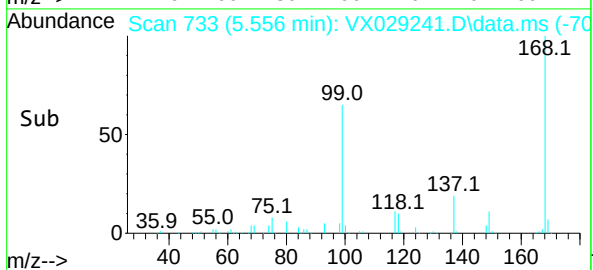
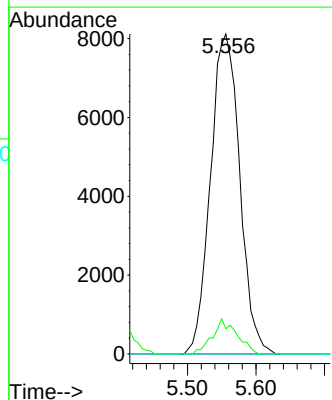
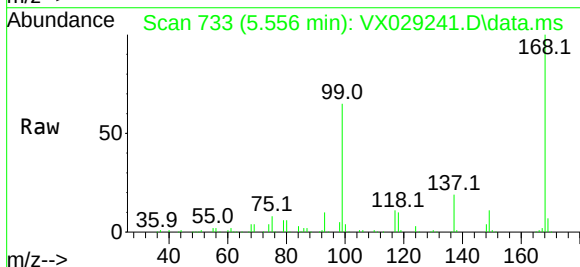
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

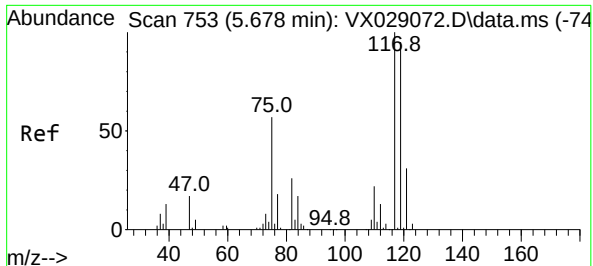
Tgt Ion:113 Resp: 190410
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.888 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

Tgt Ion: 75 Resp: 24037
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#

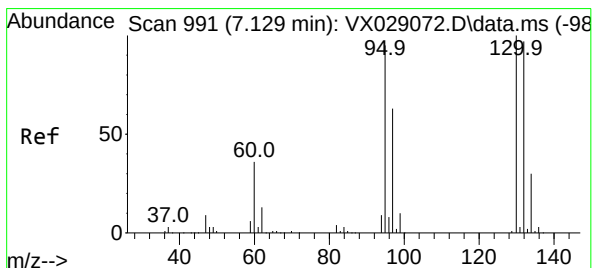
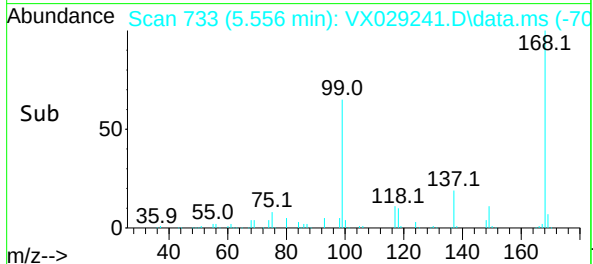
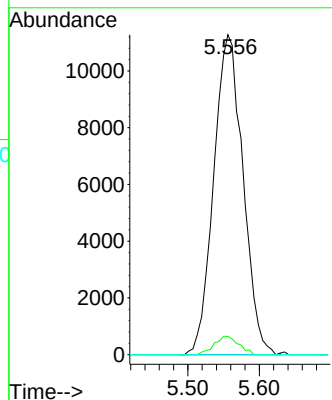
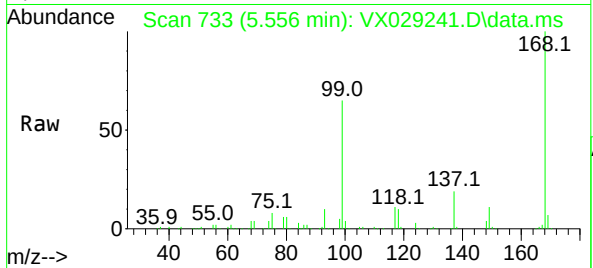




#38
Carbon Tetrachloride
Concen: 5.702 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

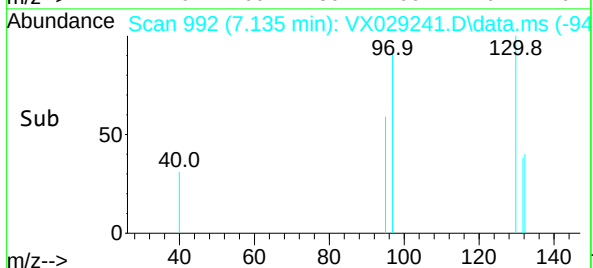
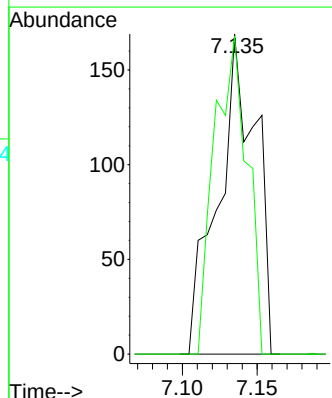
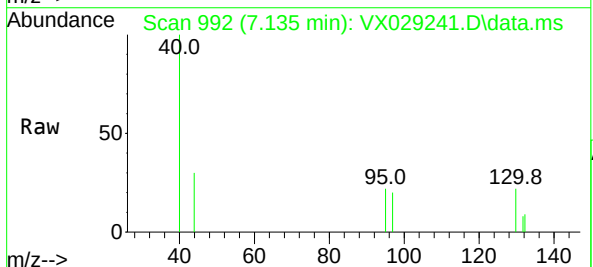
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

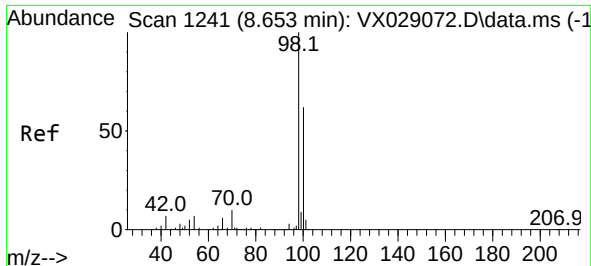
Tgt Ion:117 Resp: 32045
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

Tgt Ion:130 Resp: 297
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.8

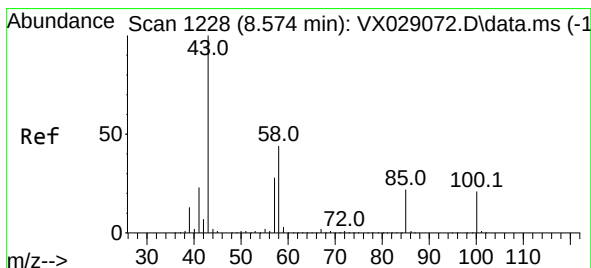
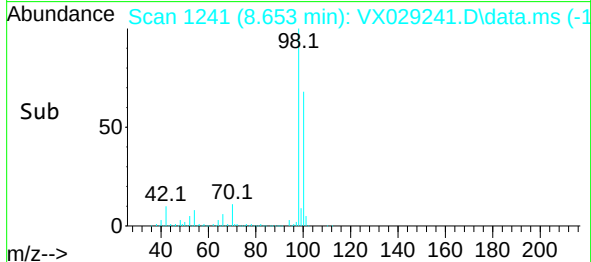
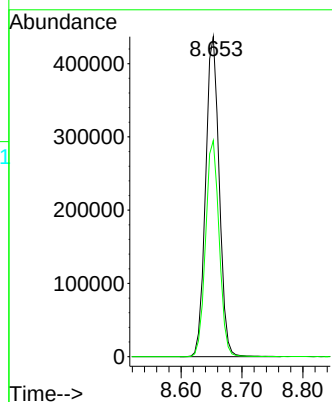
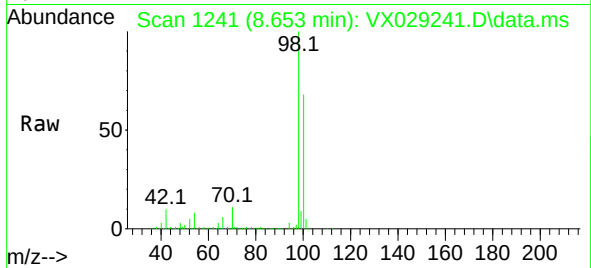




#50
Toluene-d8
Concen: 48.554 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

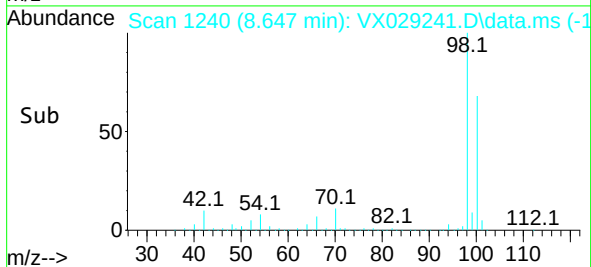
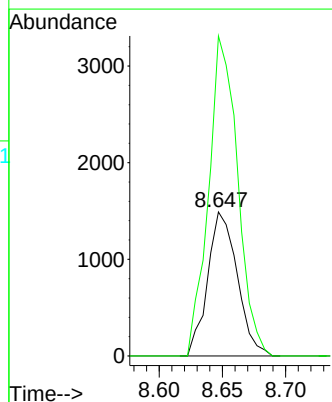
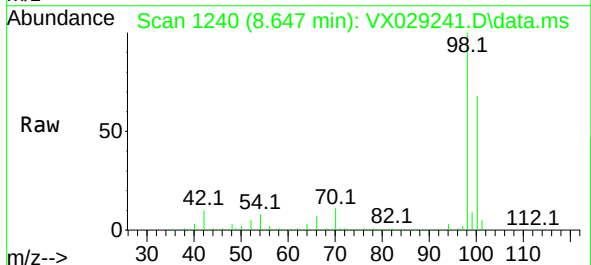
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

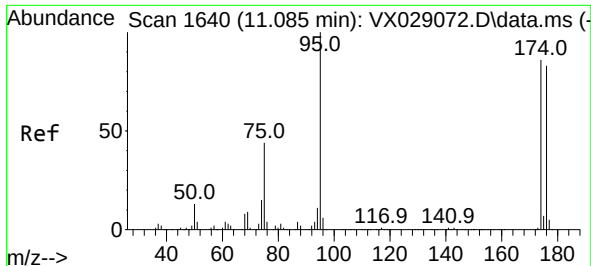
Tgt Ion: 98 Resp: 678719
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.490 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

Tgt Ion: 43 Resp: 2429
Ion Ratio Lower Upper
43 100
58 218.2 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 50.362 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029241.D

Acq: 06 Jun 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

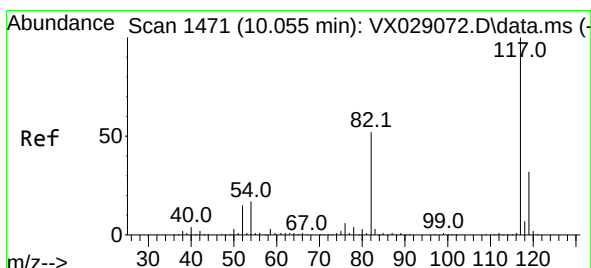
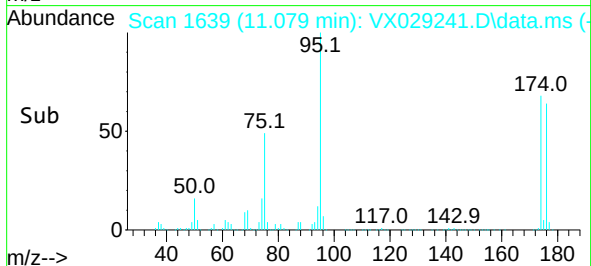
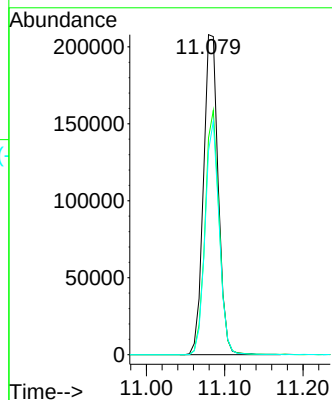
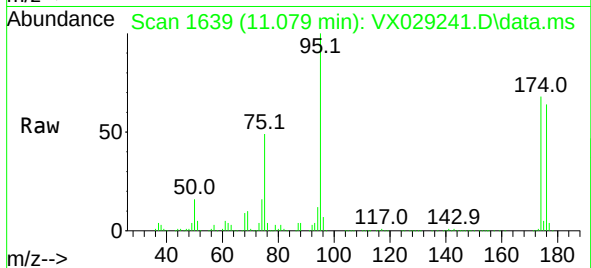
Tgt Ion: 95 Resp: 272132

Ion Ratio Lower Upper

95 100

174 72.8 0.0 163.0

176 69.7 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029241.D

Acq: 06 Jun 2022 15:57

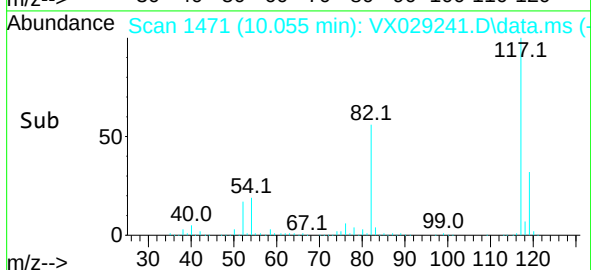
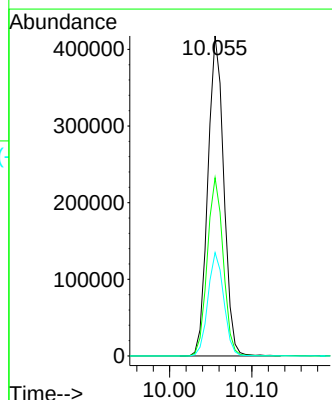
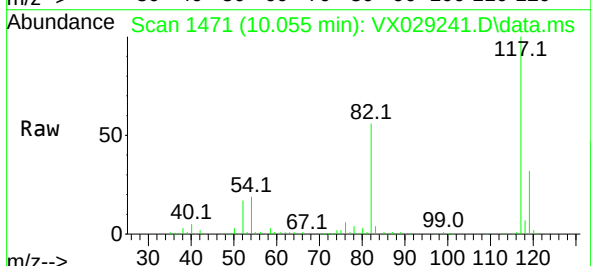
Tgt Ion: 117 Resp: 561450

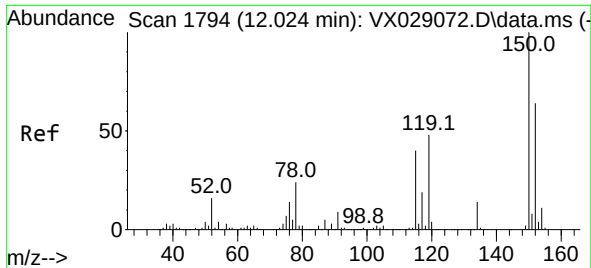
Ion Ratio Lower Upper

117 100

82 55.7 41.8 62.8

119 32.3 24.8 37.2

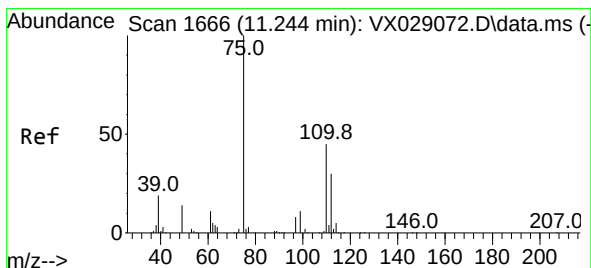
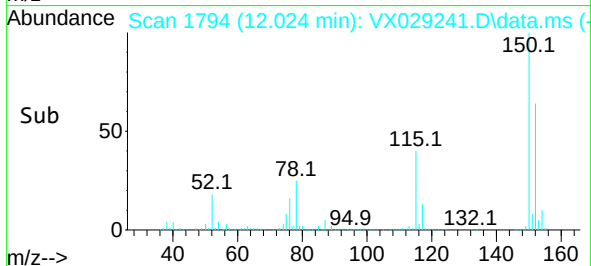
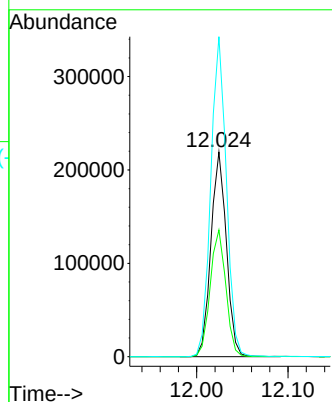
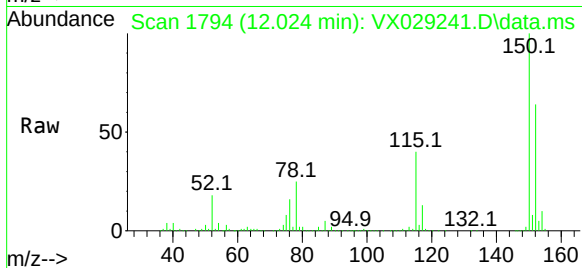




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

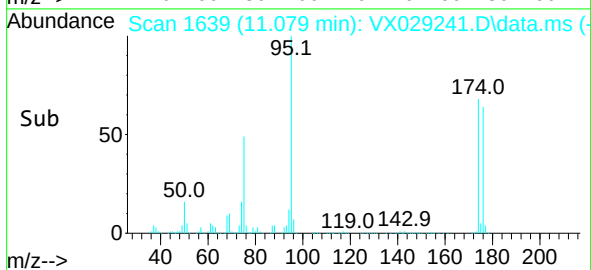
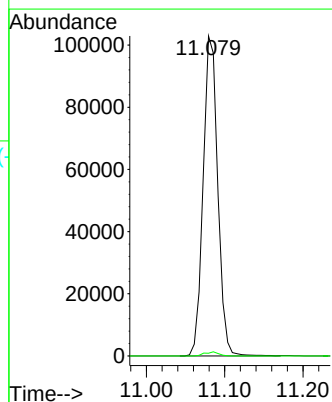
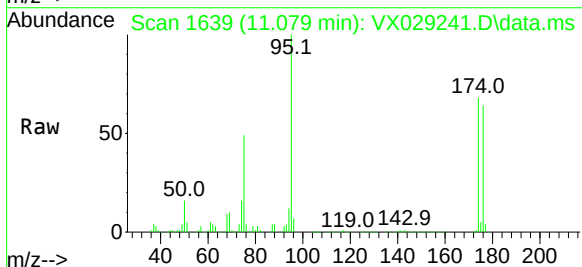
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

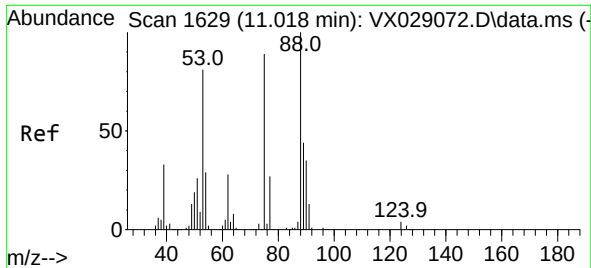
Tgt Ion:152 Resp: 257067
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 157.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

Tgt Ion: 75 Resp: 133096
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.931 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029241.D
Acq: 06 Jun 2022 15:57

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

Tgt Ion: 75 Resp: 133096
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

