

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029747.D
 Acq On : 23 Jun 2022 16:27
 Operator : JC/MD
 Sample : N3317-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jun 24 05:40:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

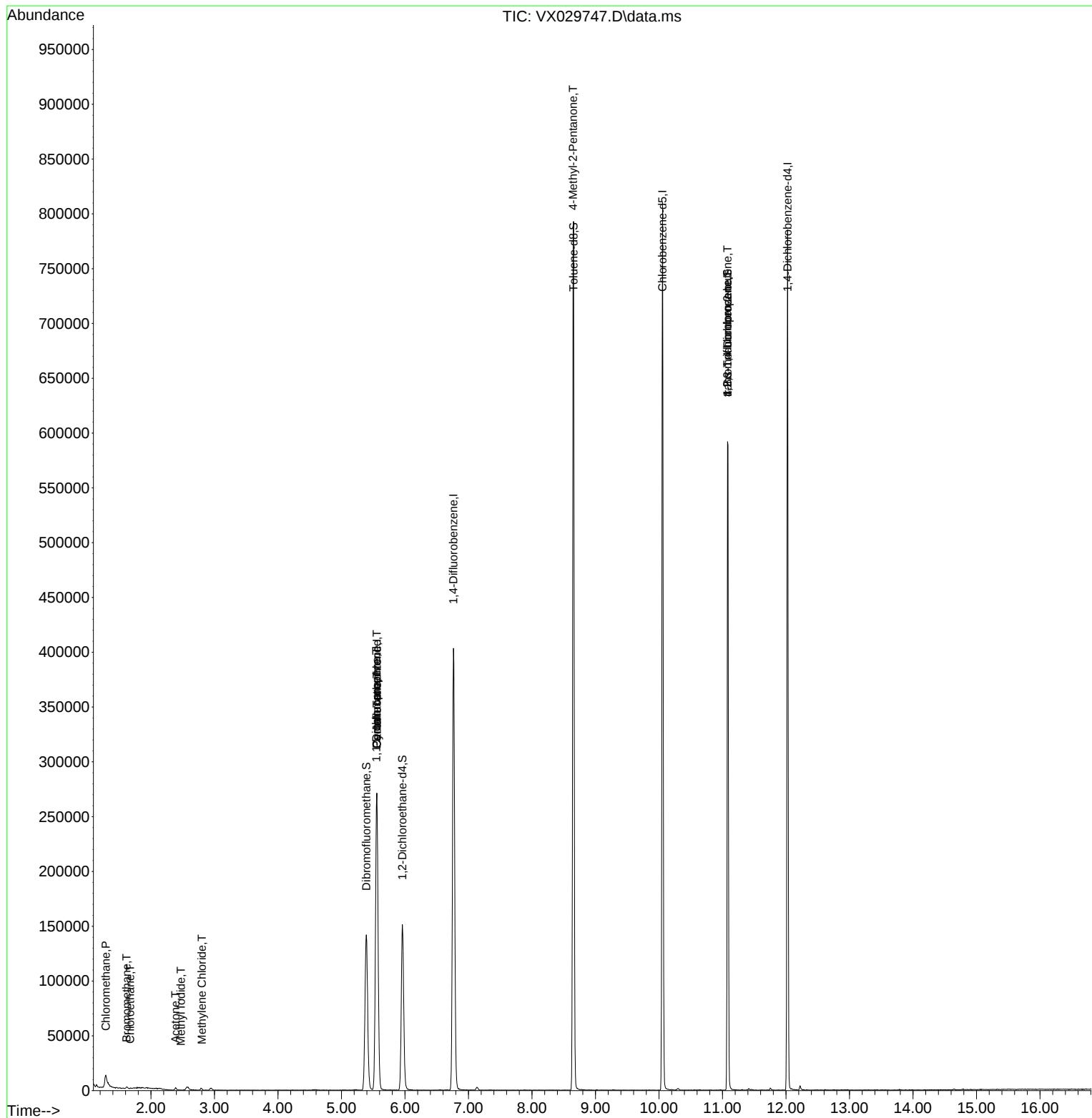
Internal Standards						
1) Pentafluorobenzene	5.556	168	266921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	444783	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142452	40.317	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.640%
35) Dibromofluoromethane	5.391	113	128392	44.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.580%
50) Toluene-d8	8.653	98	492588	46.518	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.040%
62) 4-Bromofluorobenzene	11.079	95	176024	44.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1333	0.383	ug/l #	75
5) Bromomethane	1.618	94	405	0.248	ug/l	93
6) Chloroethane	1.673	64	614	1.531	ug/l #	43
10) Methyl Iodide	2.471	142	233	3.086	ug/l #	41
11) Tert butyl alcohol	2.935	59	1286	Below Cal	#	72
16) Acetone	2.386	43	2331	1.655	ug/l	91
20) Methylene Chloride	2.800	84	934	0.298	ug/l #	76
31) Cyclohexane	5.556	56	5077	1.070	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18535	4.725	ug/l #	49
38) Carbon Tetrachloride	5.556	117	27305	7.078	ug/l #	15
44) Trichloroethene	7.141	130	1252	Below Cal		76
51) 4-Methyl-2-Pentanone	8.647	43	1538	0.382	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	81984	23.055	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	81984	76.699	ug/l #	15

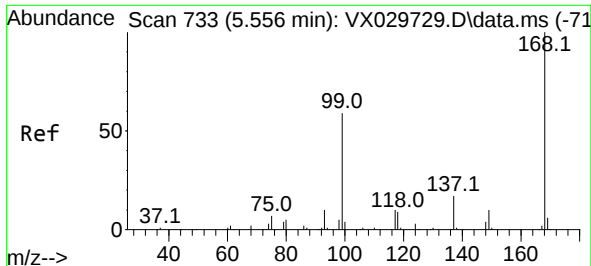
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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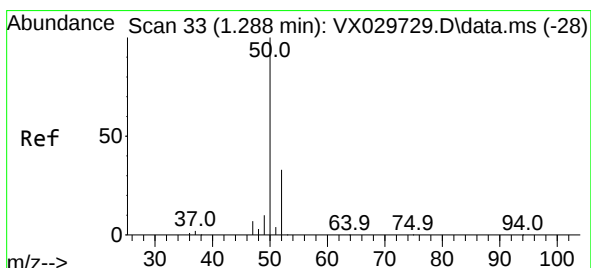
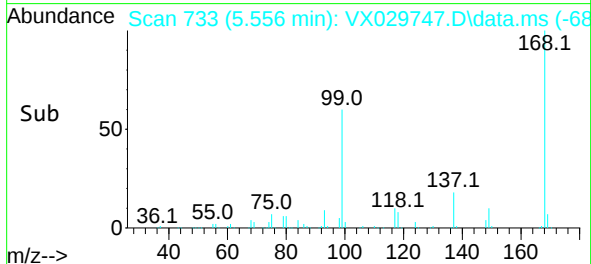
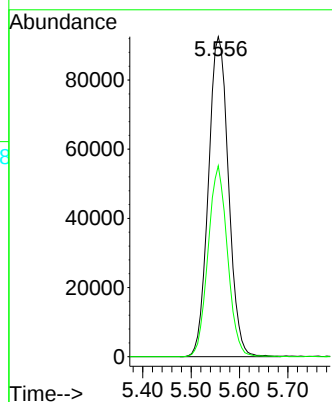
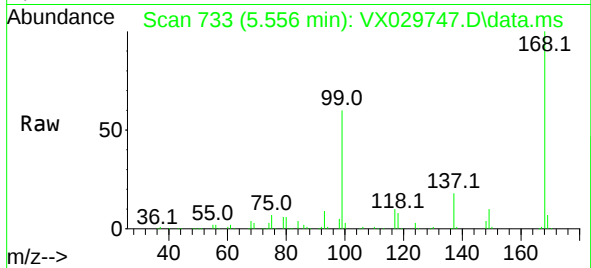




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

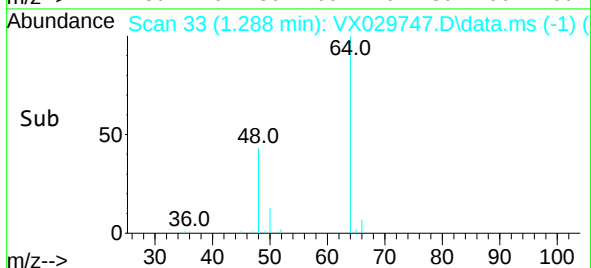
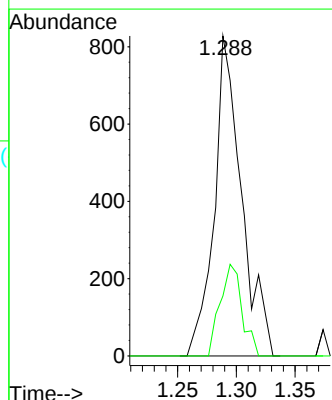
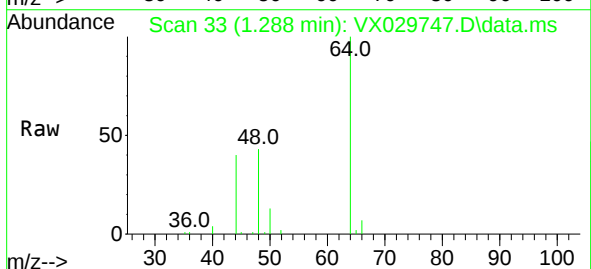
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

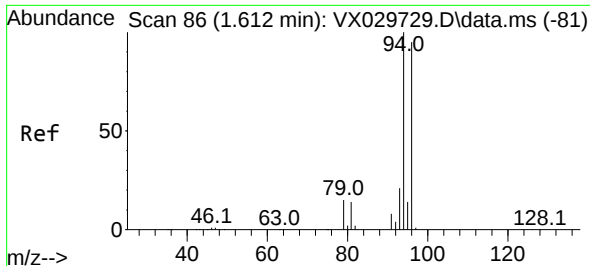
Tgt Ion:168 Resp: 266921
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5



#3
Chloromethane
Concen: 0.383 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

Tgt Ion: 50 Resp: 1333
Ion Ratio Lower Upper
50 100
52 18.7 26.4 39.6#

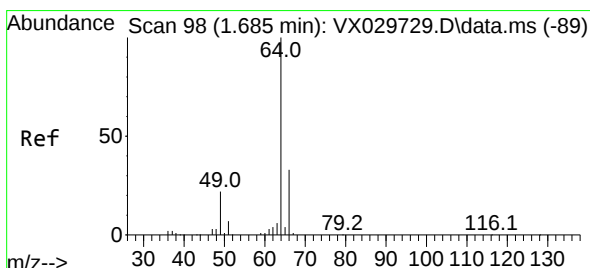
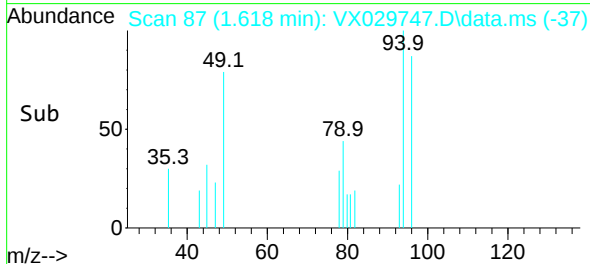
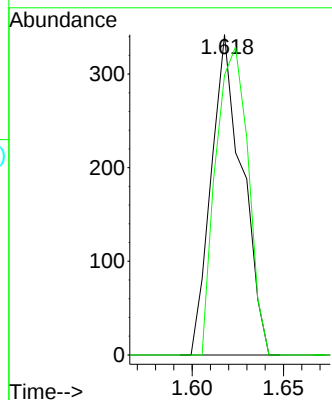
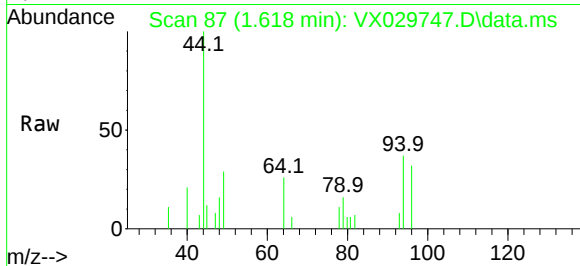




#5
Bromomethane
Concen: 0.248 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

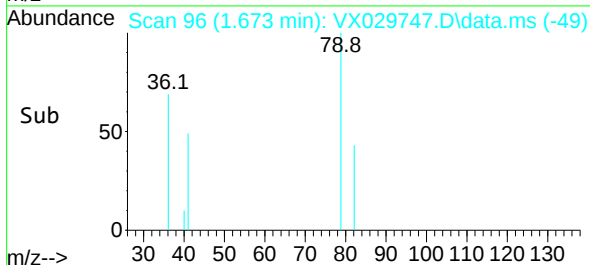
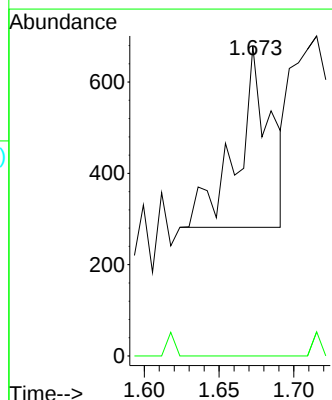
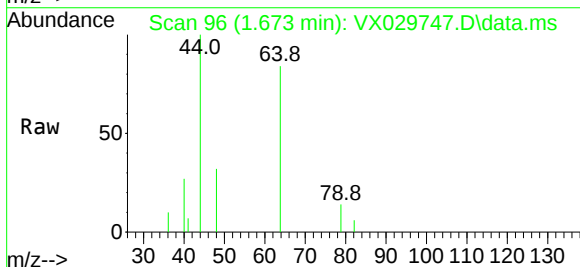
Instrument :
MSVOA_X
ClientSampleId :
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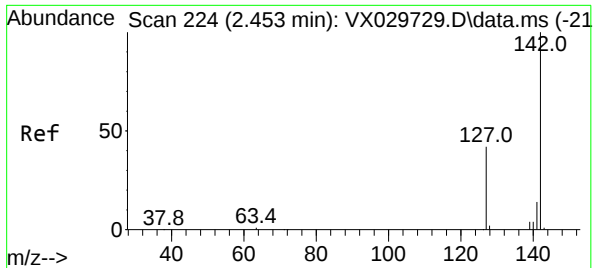
Tgt Ion: 94 Resp: 405
Ion Ratio Lower Upper
94 100
96 87.4 75.3 112.9



#6
Chloroethane
Concen: 1.531 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

Tgt Ion: 64 Resp: 614
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

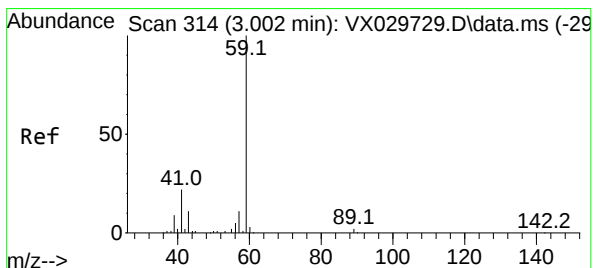
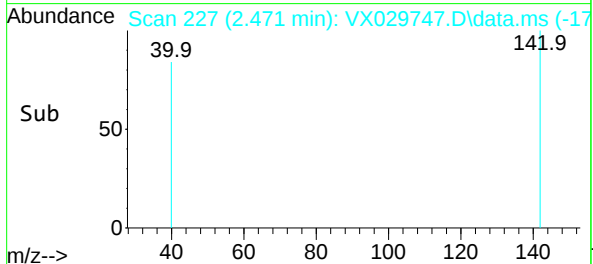
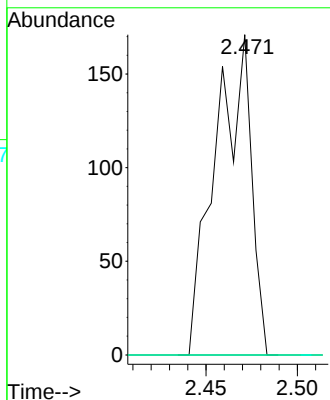
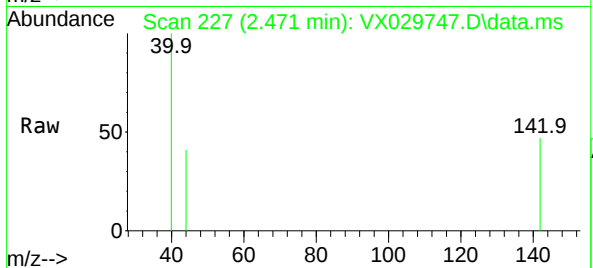




#10
Methyl Iodide
Concen: 3.086 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

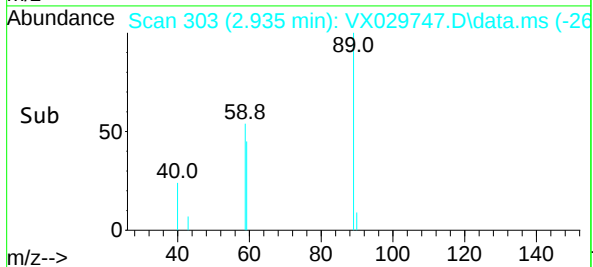
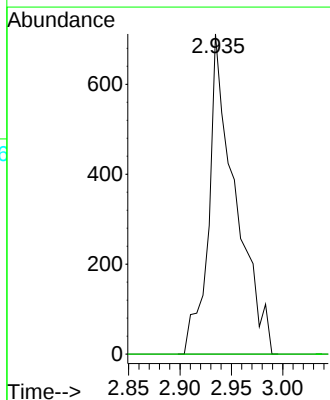
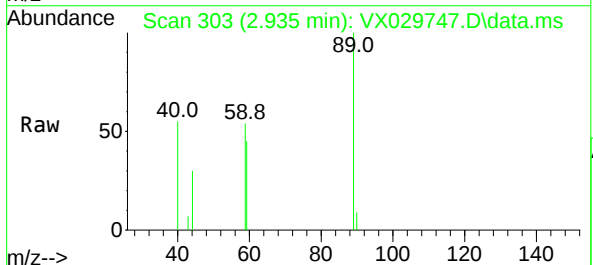
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

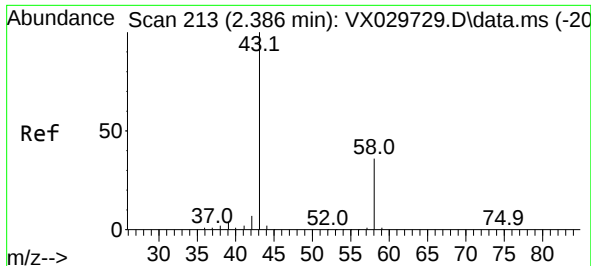
Tgt Ion:142 Resp: 233
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.935 min Scan# 303
Delta R.T. -0.048 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

Tgt Ion: 59 Resp: 1286
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

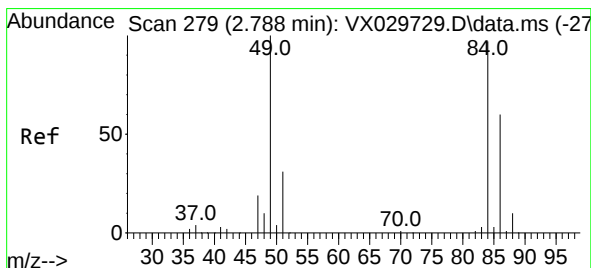
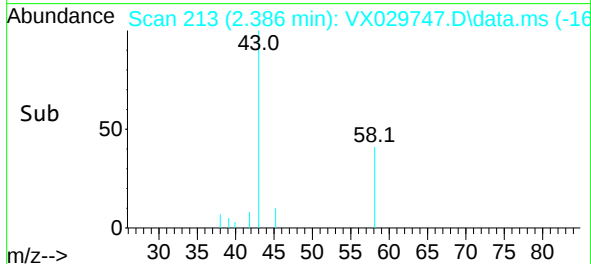
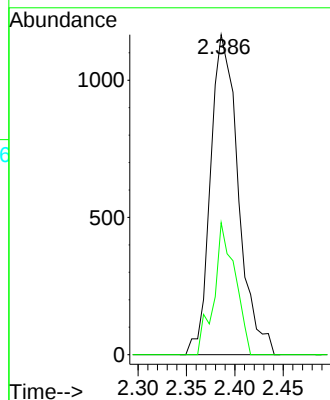
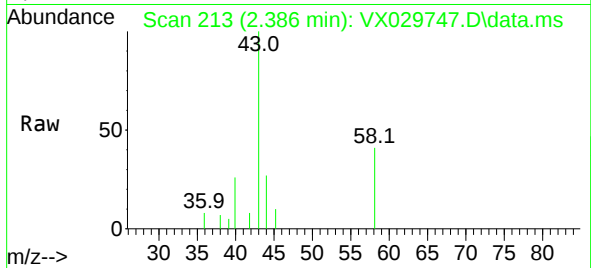




#16
Acetone
Concen: 1.655 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

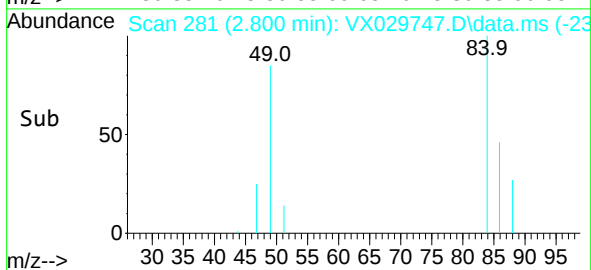
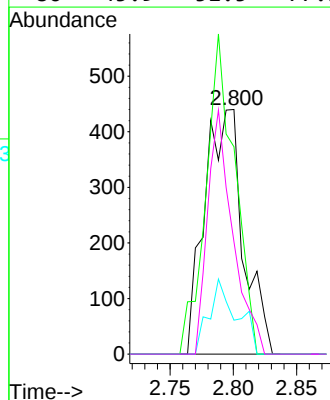
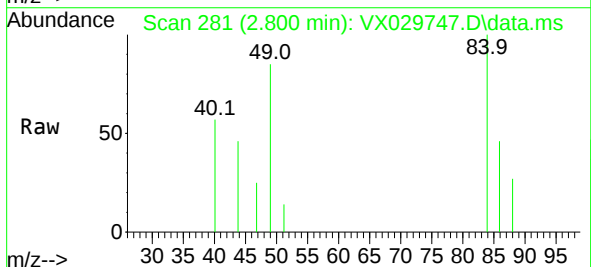
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

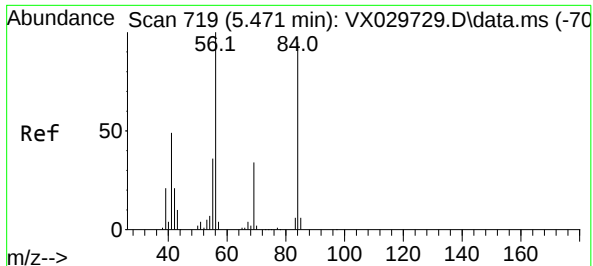
Tgt Ion: 43 Resp: 2331
Ion Ratio Lower Upper
43 100
58 41.3 28.8 43.2



#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

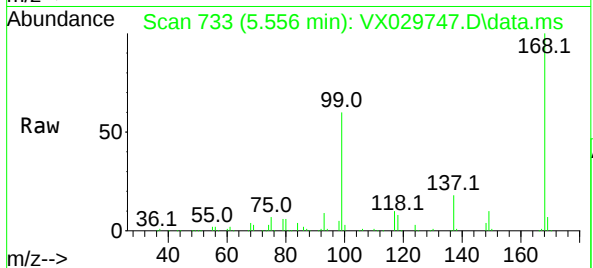
Tgt Ion: 84 Resp: 934
Ion Ratio Lower Upper
84 100
49 84.8 85.5 128.3#
51 13.9 26.6 39.8#
86 45.9 51.5 77.3#



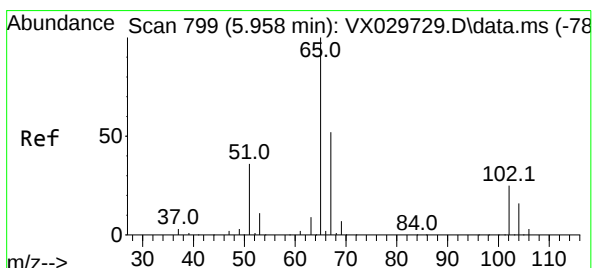
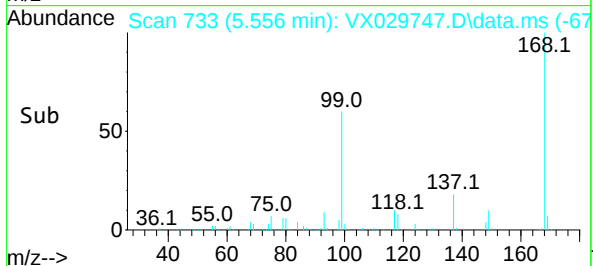
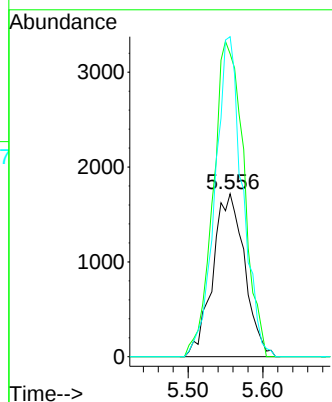


#31
Cyclohexane
Concen: 1.070 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

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

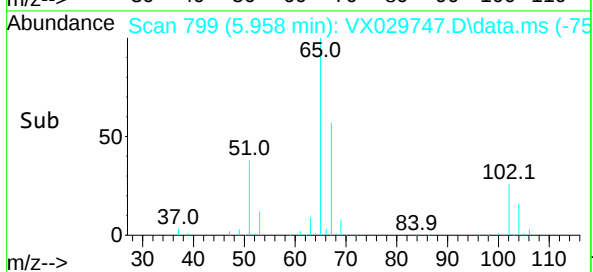
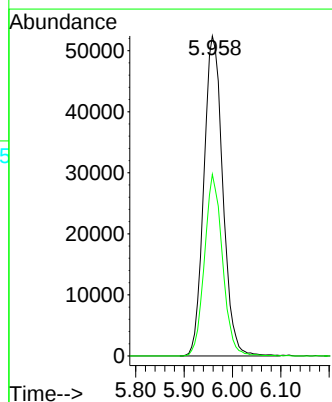
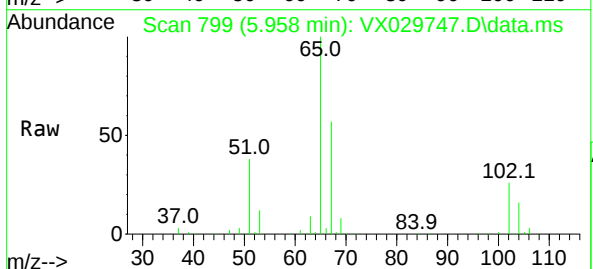


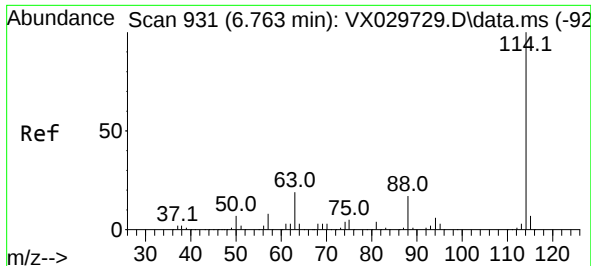
Tgt Ion: 56 Resp: 5077
Ion Ratio Lower Upper
56 100
69 186.0 26.7 40.1#
84 196.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 40.317 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

Tgt Ion: 65 Resp: 142452
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.4

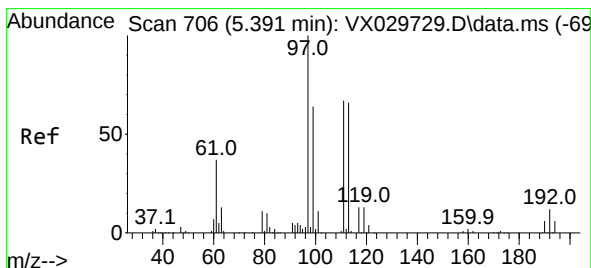
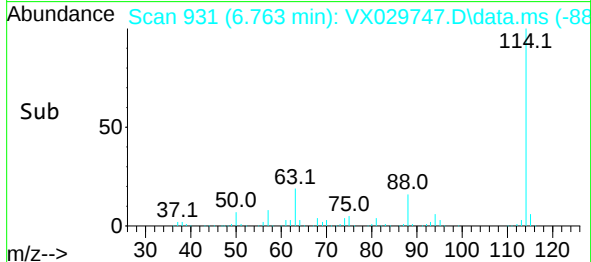
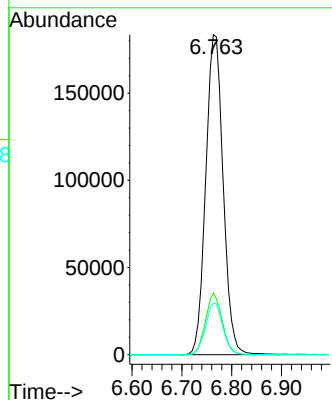
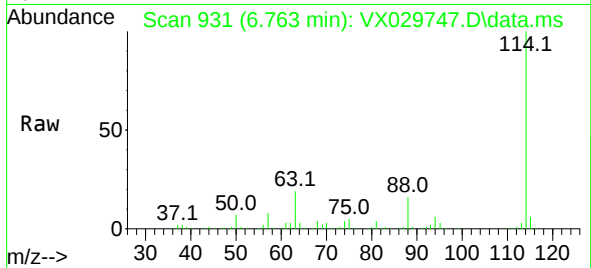




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

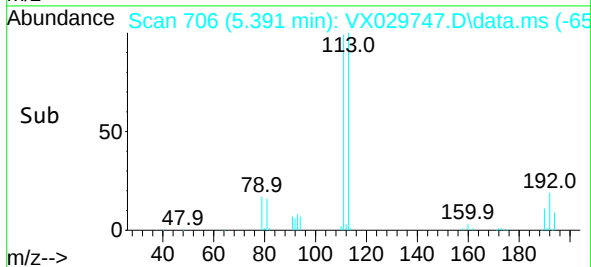
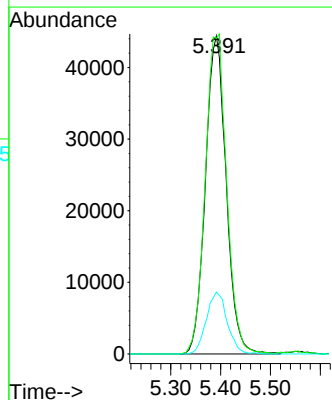
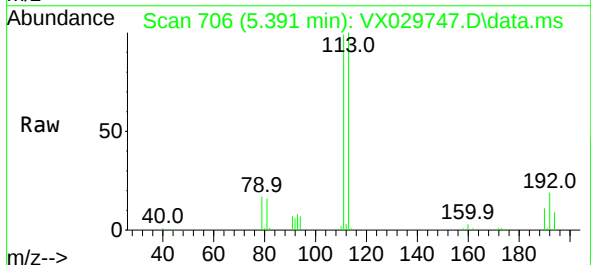
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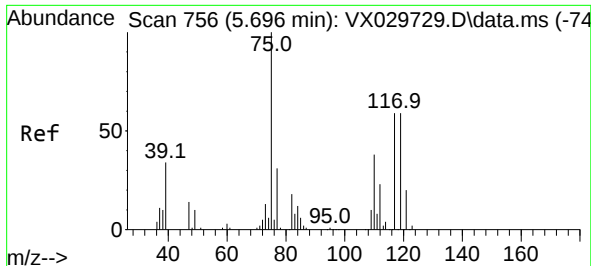
Tgt Ion:114 Resp: 444783
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.295 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

Tgt Ion:113 Resp: 128392
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 19.6 16.9 25.3

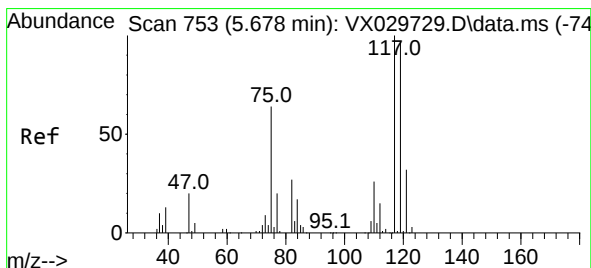
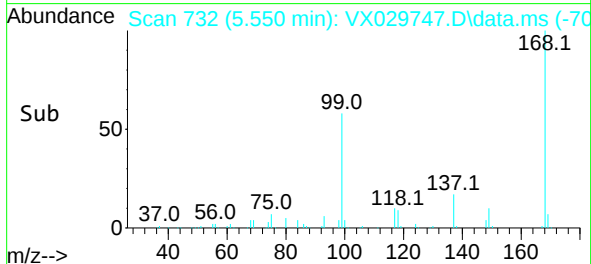
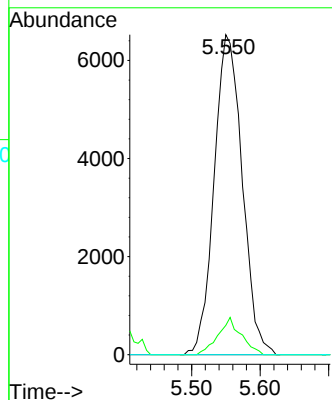
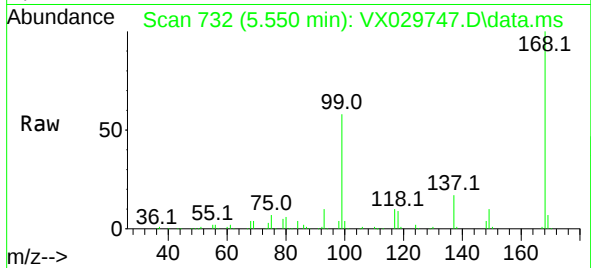




#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

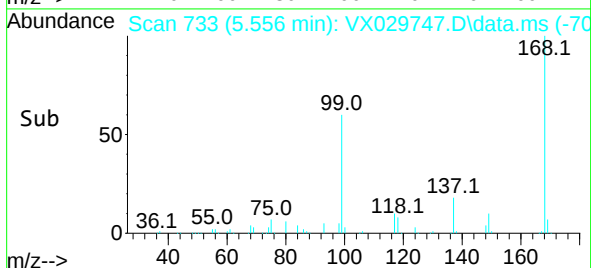
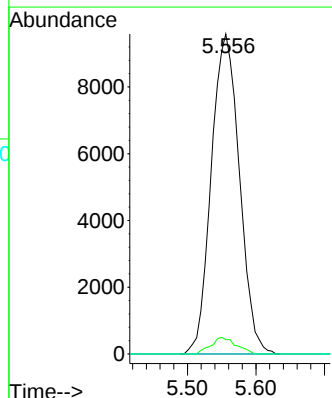
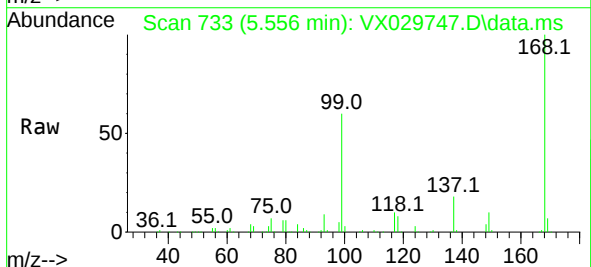
Instrument :
MSVOA_X
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STORAGE-BLANK-WATER-REF-4

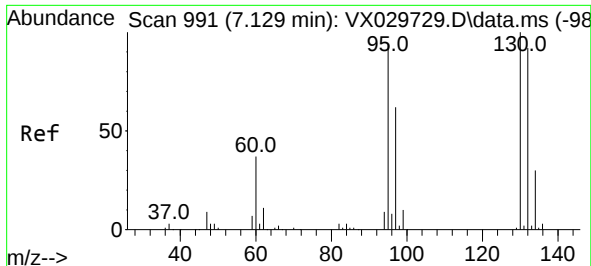
Tgt Ion: 75 Resp: 18535
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.078 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

Tgt Ion: 117 Resp: 27305
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#

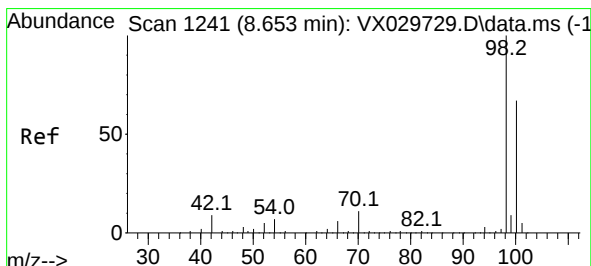
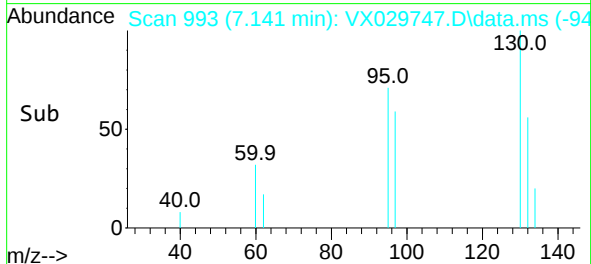
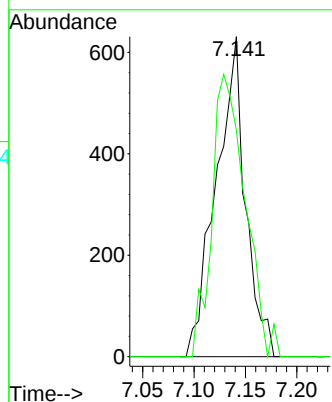
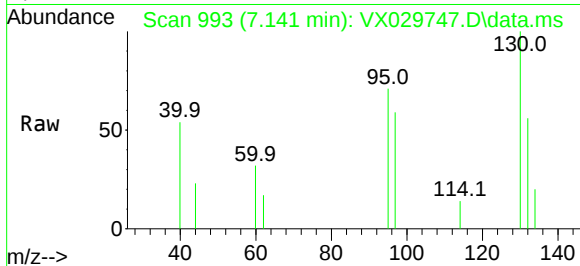




#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

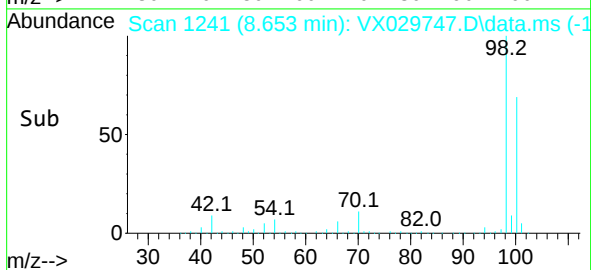
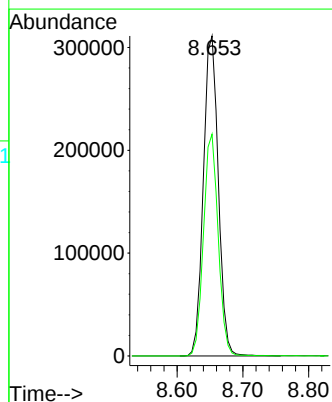
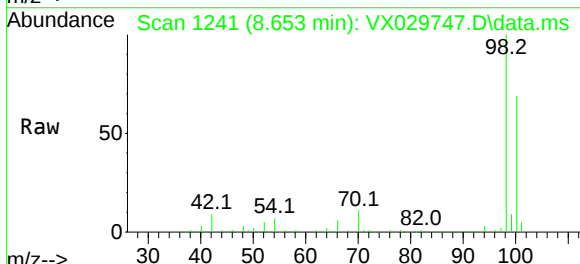
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

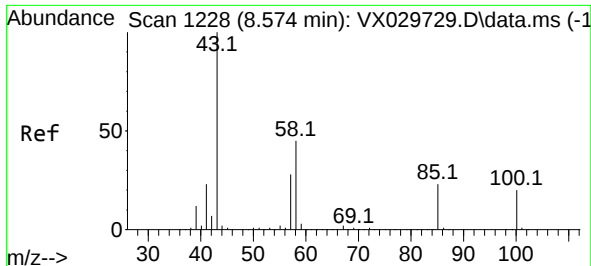
Tgt Ion:130 Resp: 1252
Ion Ratio Lower Upper
130 100
95 70.8 0.0 188.8



#50
Toluene-d8
Concen: 46.518 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

Tgt Ion: 98 Resp: 492588
Ion Ratio Lower Upper
98 100
100 68.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.382 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX029747.D

Acq: 23 Jun 2022 16:27

Instrument :

MSVOA_X

ClientSampleId :

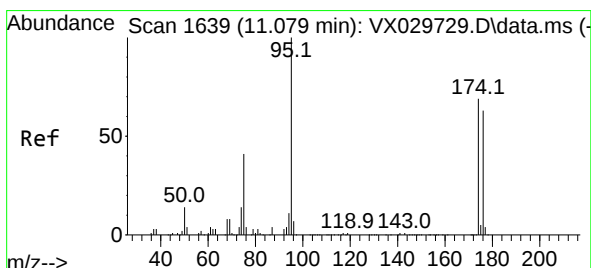
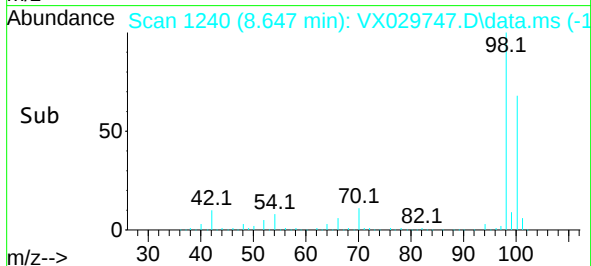
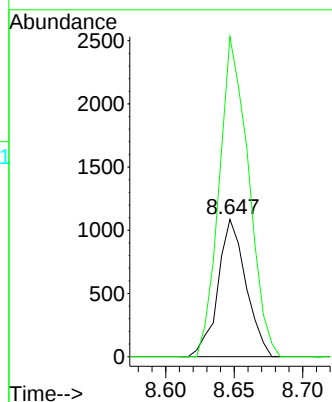
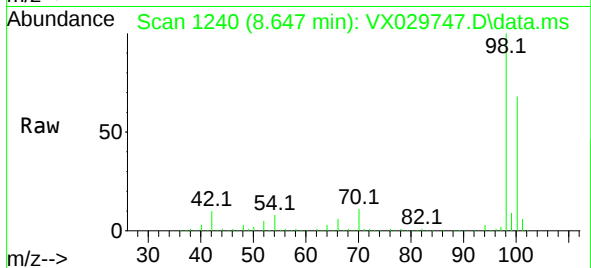
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 1538

Ion Ratio Lower Upper

43 100

58 244.6 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 44.080 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029747.D

Acq: 23 Jun 2022 16:27

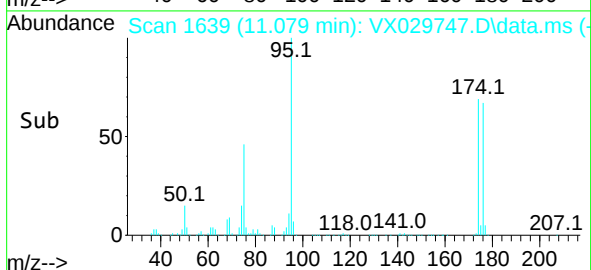
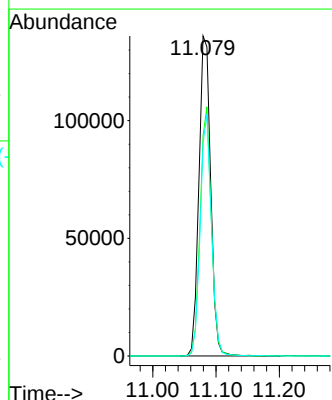
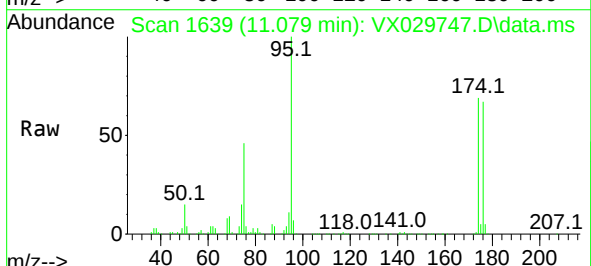
Tgt Ion: 95 Resp: 176024

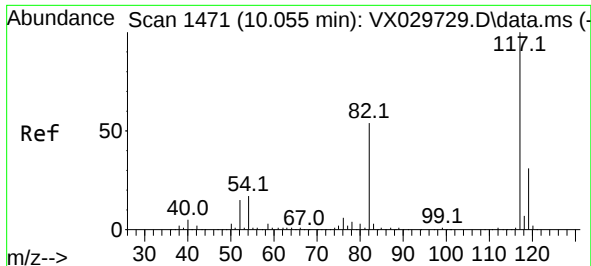
Ion Ratio Lower Upper

95 100

174 74.7 0.0 163.0

176 72.3 0.0 155.0

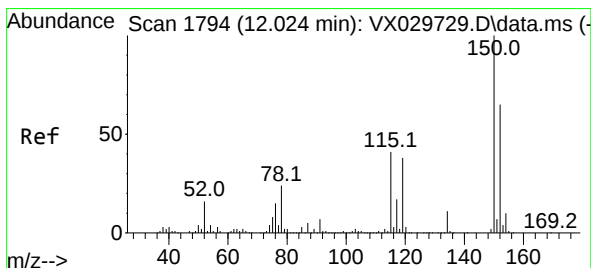
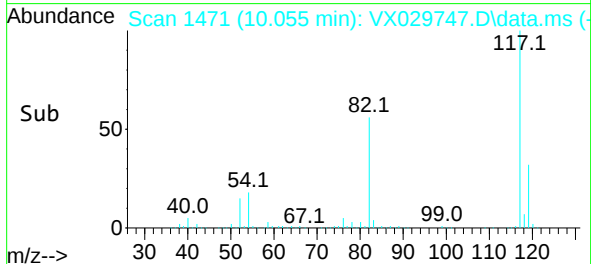
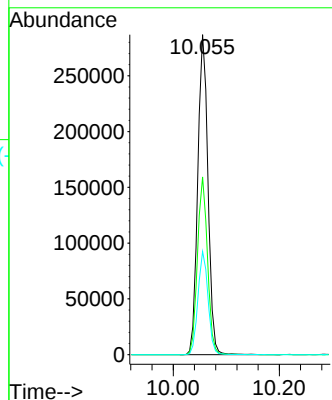
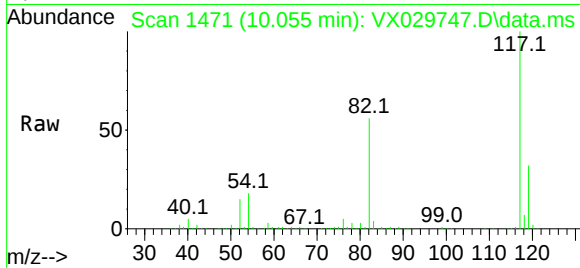




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

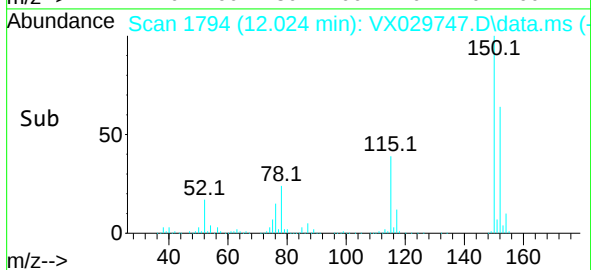
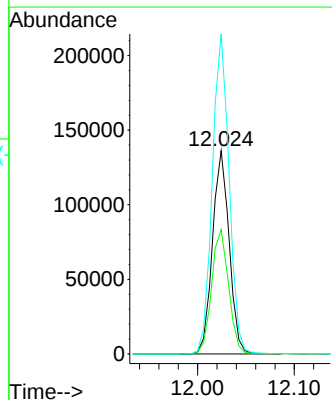
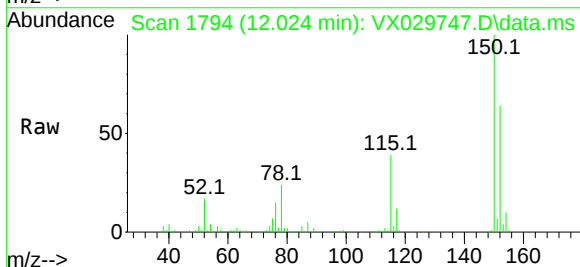
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

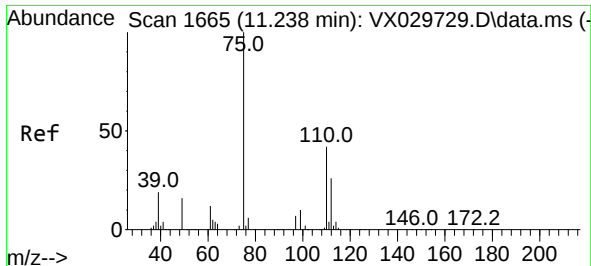
Tgt Ion:117 Resp: 381649
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

Tgt Ion:152 Resp: 163231
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 158.6 0.0 338.2

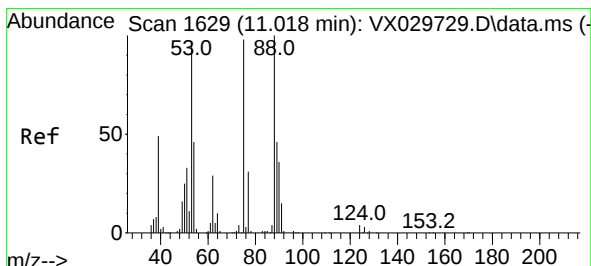
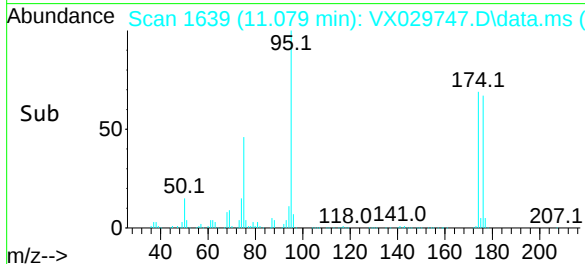
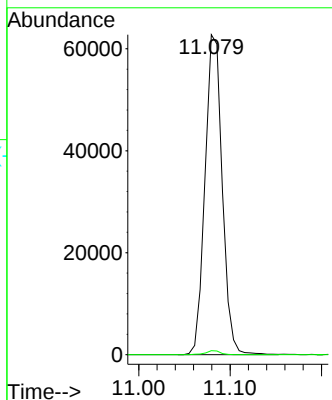
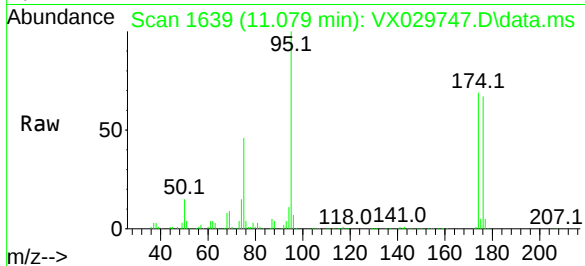




#76
1,2,3-Trichloropropane
Concen: 23.055 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

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

Tgt Ion: 75 Resp: 81984
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029747.D
Acq: 23 Jun 2022 16:27

Tgt Ion: 75 Resp: 81984
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

