

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029746.D
 Acq On : 23 Jun 2022 16:04
 Operator : JC/MD
 Sample : N3317-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 24 05:39:59 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)

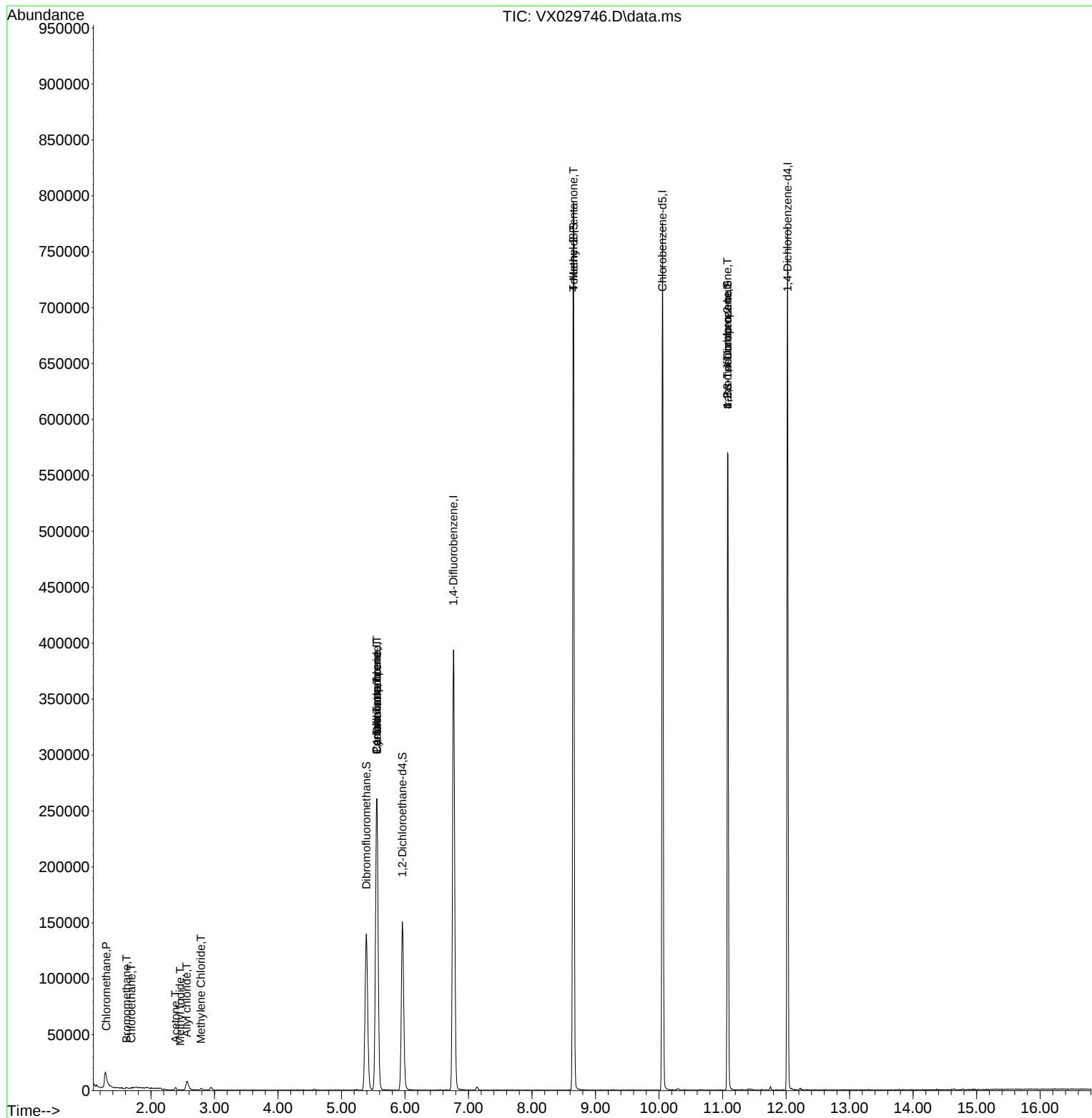
Internal Standards						
1) Pentafluorobenzene	5.556	168	256564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	424135	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140049	41.237	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.480%
35) Dibromofluoromethane	5.391	113	125246	45.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.620%
50) Toluene-d8	8.653	98	478323	47.370	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.740%
62) 4-Bromofluorobenzene	11.079	95	171124	44.939	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1071	0.320	ug/l #	74
5) Bromomethane	1.618	94	441	0.280	ug/l #	70
6) Chloroethane	1.691	64	504	1.496	ug/l #	75
10) Methyl Iodide	2.459	142	242	3.092	ug/l #	52
11) Tert butyl alcohol	2.934	59	1519	Below Cal	#	72
14) Allyl chloride	2.562	41	1295	0.309	ug/l #	48
16) Acetone	2.386	43	2475	1.828	ug/l	88
20) Methylene Chloride	2.788	84	801	0.266	ug/l #	82
31) Cyclohexane	5.556	56	4254	0.933	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18579	4.966	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25975	7.061	ug/l #	16
44) Trichloroethene	7.141	130	1171	Below Cal		97
51) 4-Methyl-2-Pentanone	8.653	43	1670	0.435	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	81776	24.211	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	81776	80.543	ug/l #	15

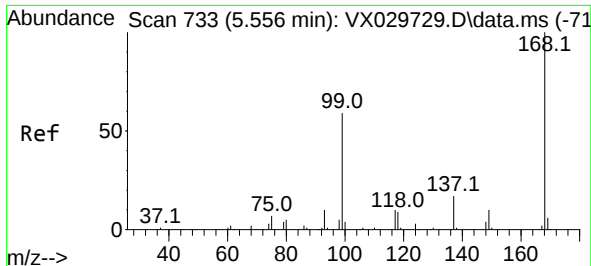
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
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STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 24 05:39:59 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

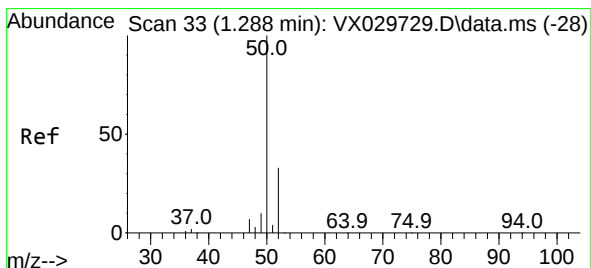
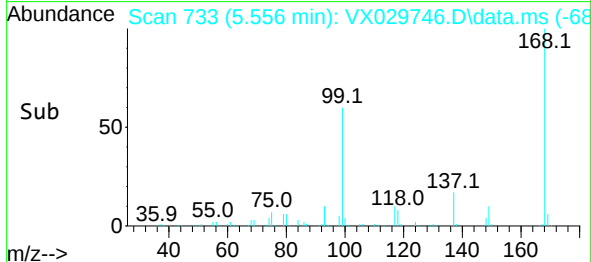
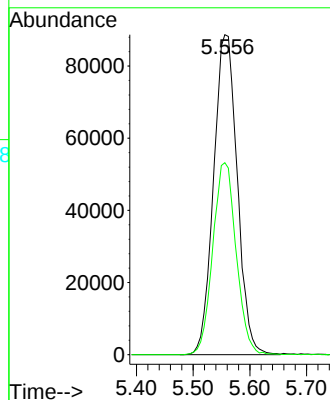
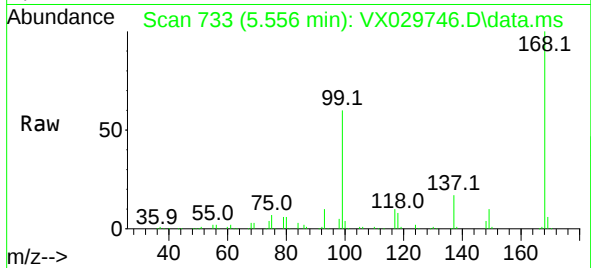




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

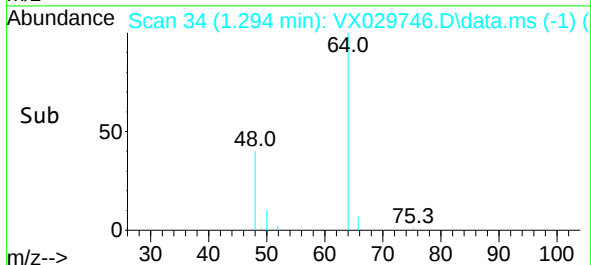
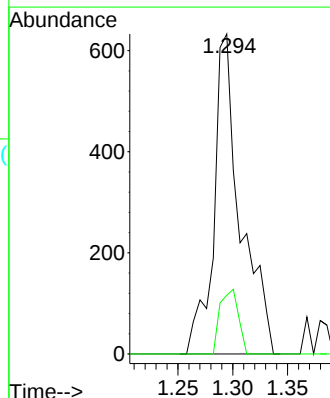
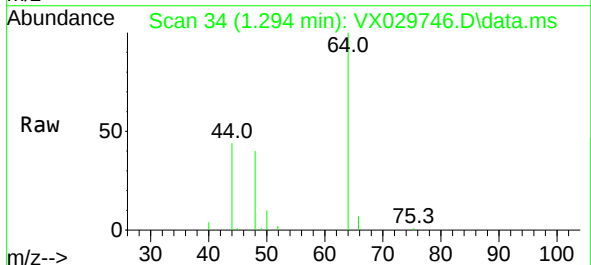
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

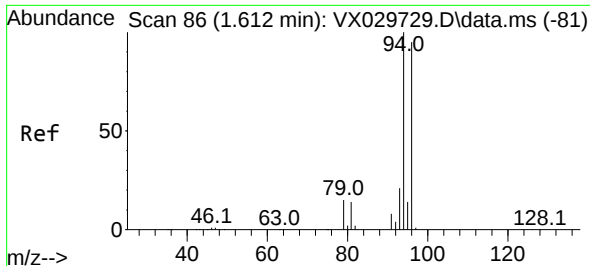
Tgt Ion:168 Resp: 256564
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#3
Chloromethane
Concen: 0.320 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

Tgt Ion: 50 Resp: 1071
Ion Ratio Lower Upper
50 100
52 18.3 26.4 39.6#

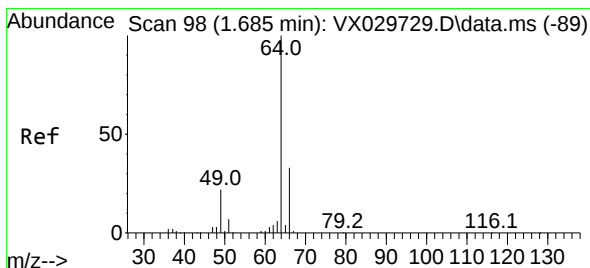
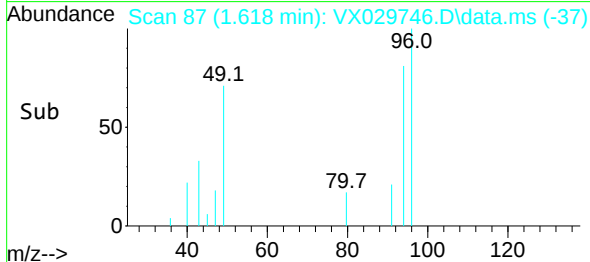
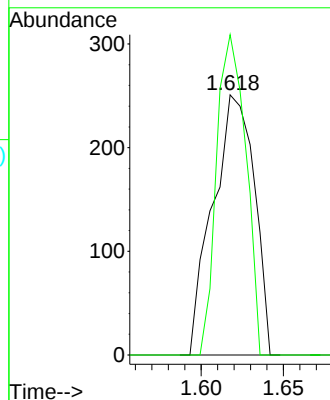
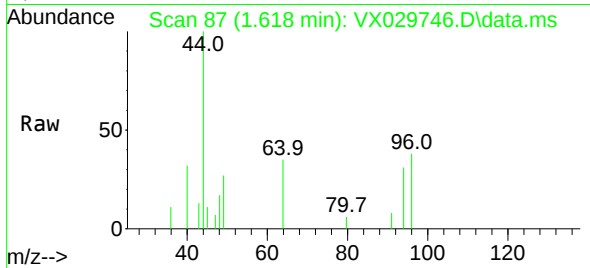




#5
Bromomethane
Concen: 0.280 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

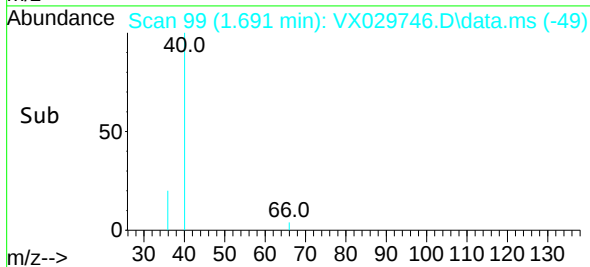
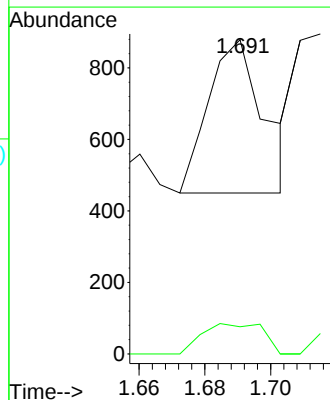
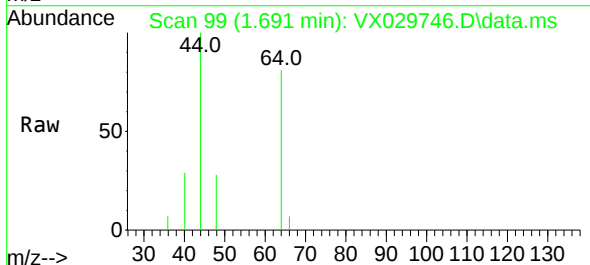
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

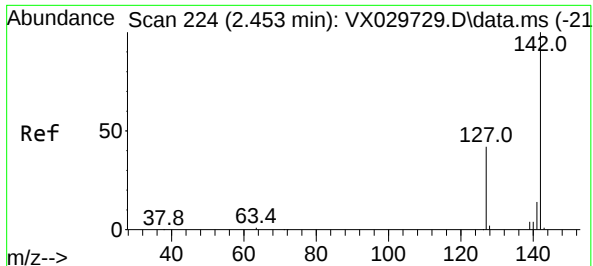
Tgt Ion: 94 Resp: 441
Ion Ratio Lower Upper
94 100
96 123.1 75.3 112.9#



#6
Chloroethane
Concen: 1.496 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

Tgt Ion: 64 Resp: 504
Ion Ratio Lower Upper
64 100
66 17.7 25.3 37.9#

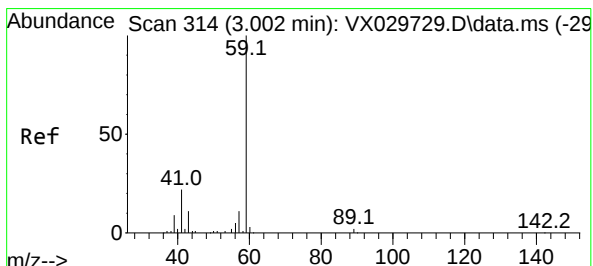
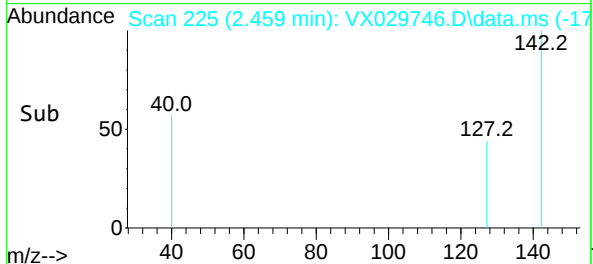
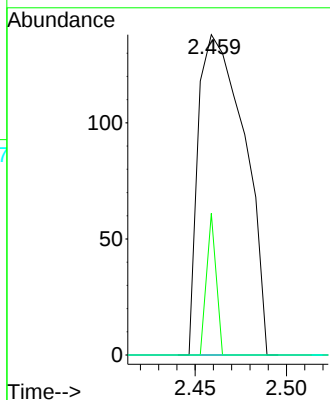
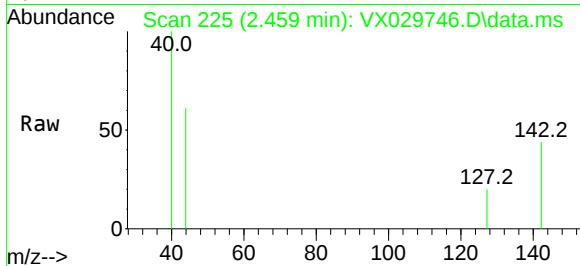




#10
Methyl Iodide
Concen: 3.092 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

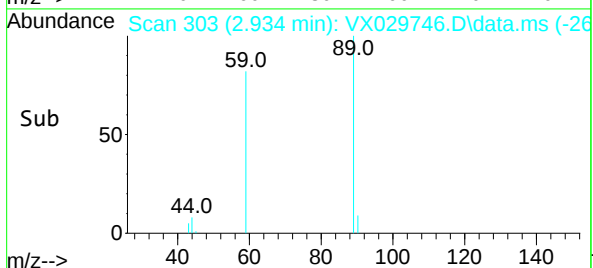
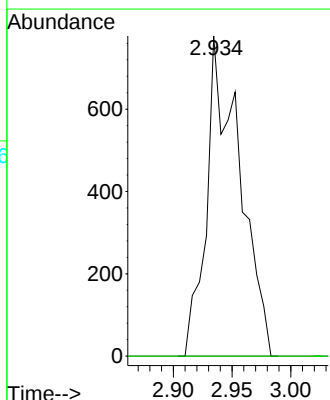
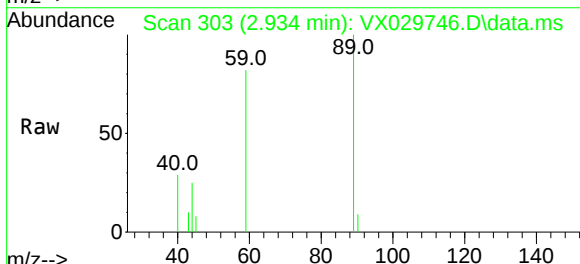
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

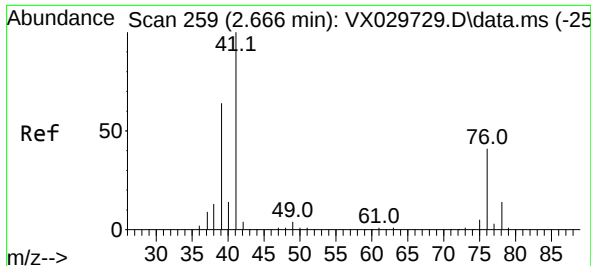
Tgt Ion:142 Resp: 242
Ion Ratio Lower Upper
142 100
127 9.1 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

Tgt Ion: 59 Resp: 1519
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

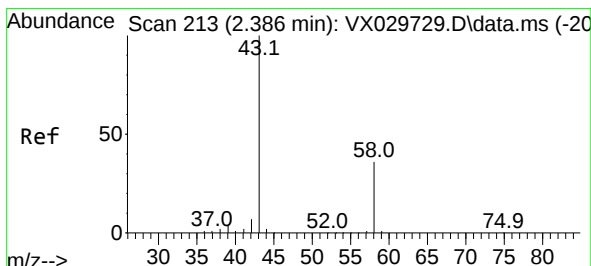
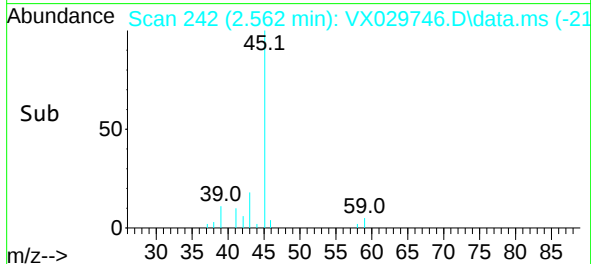
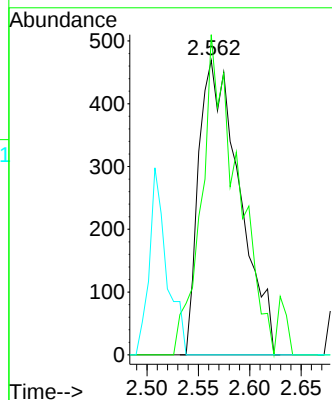
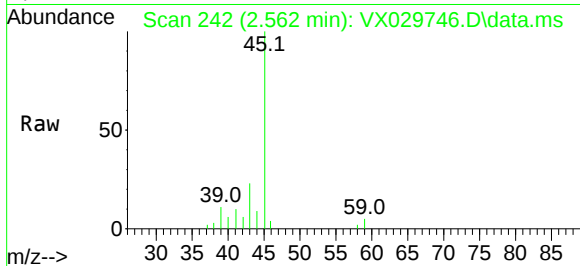




#14
 Allyl chloride
 Concen: 0.309 ug/l
 RT: 2.562 min Scan# 242
 Delta R.T. -0.104 min
 Lab File: VX029746.D
 Acq: 23 Jun 2022 16:04

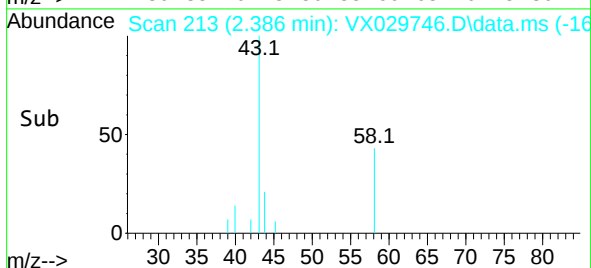
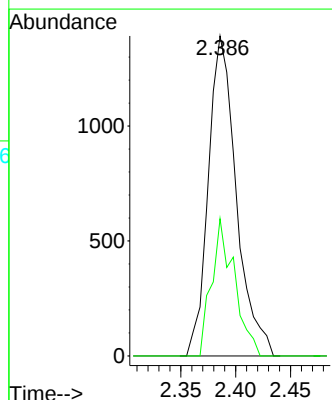
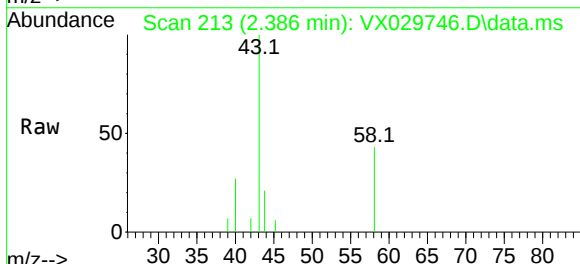
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

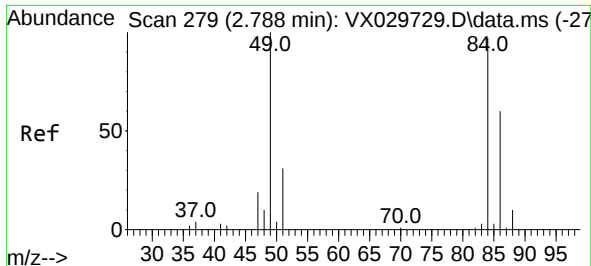
Tgt Ion: 41 Resp: 1295
 Ion Ratio Lower Upper
 41 100
 39 96.5 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 1.828 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX029746.D
 Acq: 23 Jun 2022 16:04

Tgt Ion: 43 Resp: 2475
 Ion Ratio Lower Upper
 43 100
 58 42.9 28.8 43.2

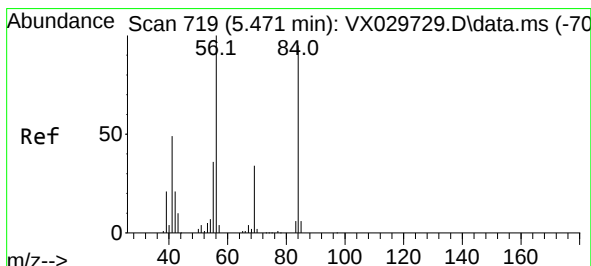
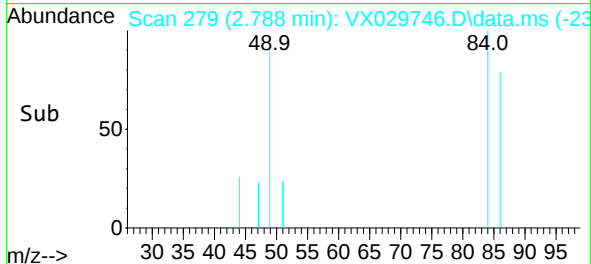
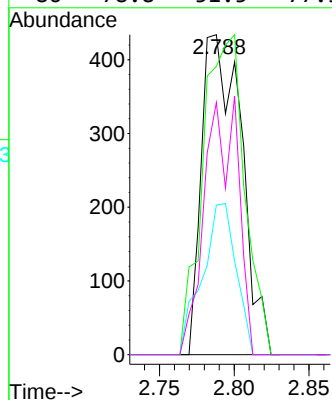
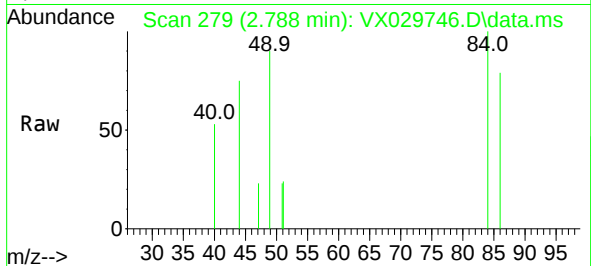




#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

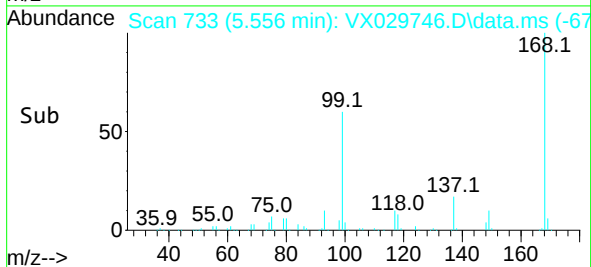
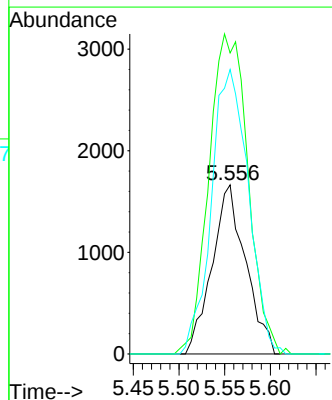
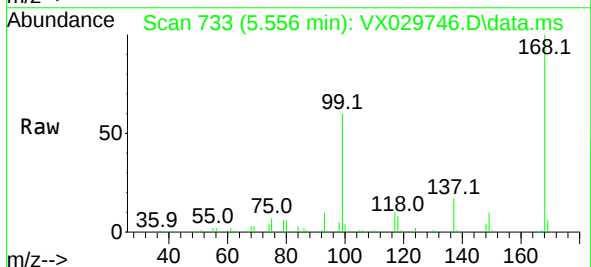
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

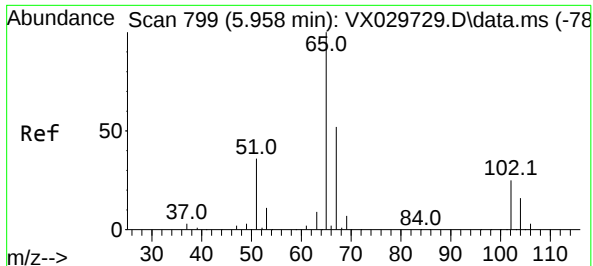
Tgt Ion: 84	Resp: 801
Ion Ratio	Lower Upper
84 100	
49 90.1	85.5 128.3
51 46.8	26.6 39.8#
86 78.8	51.5 77.3#



#31
Cyclohexane
Concen: 0.933 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

Tgt Ion: 56	Resp: 4254		
Ion Ratio	Lower	Upper	
56	100		
69	177.9	26.7	40.1#
84	168.1	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 41.237 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029746.D

Acq: 23 Jun 2022 16:04

Instrument :

MSVOA_X

ClientSampleId :

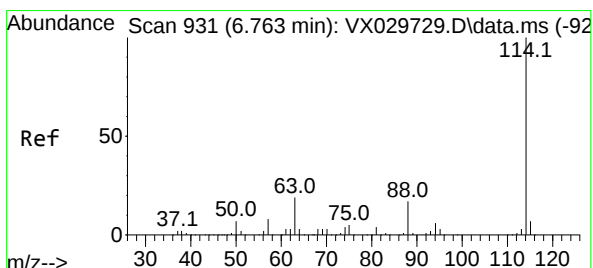
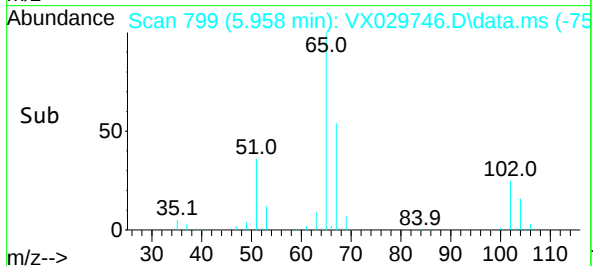
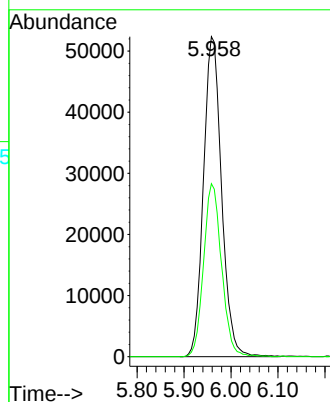
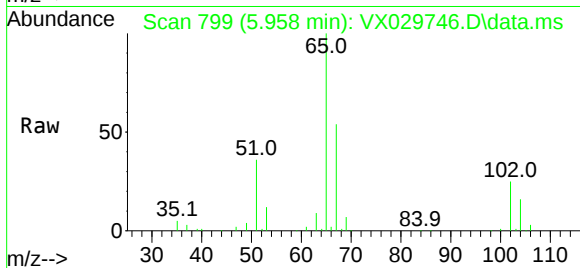
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 140049

Ion Ratio Lower Upper

65 100

67 53.7 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: VX029746.D

Acq: 23 Jun 2022 16:04

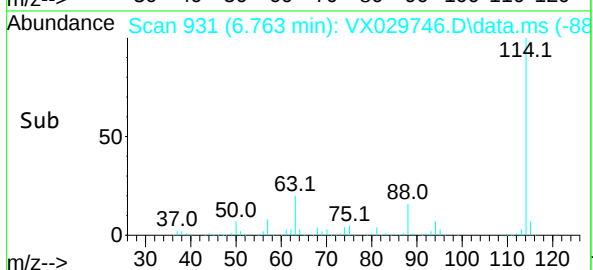
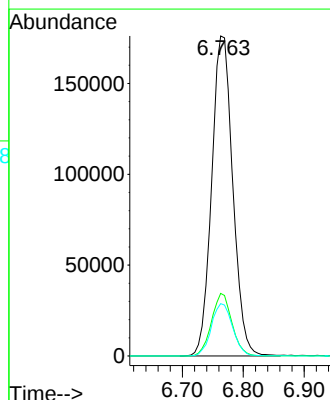
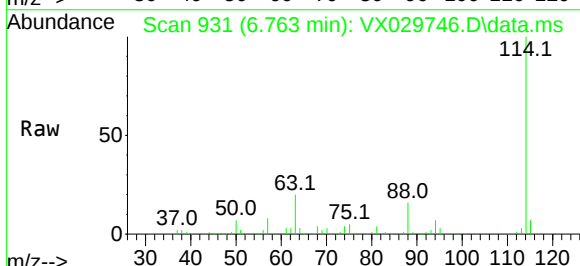
Tgt Ion: 114 Resp: 424135

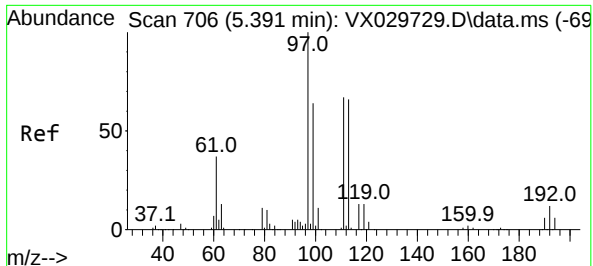
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 16.3 0.0 32.4

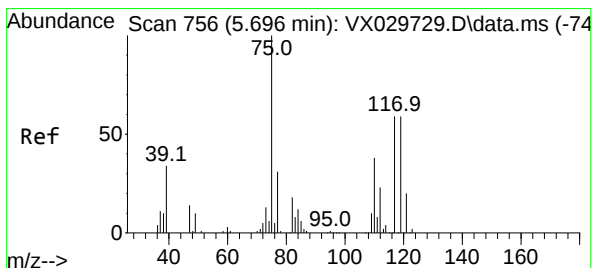
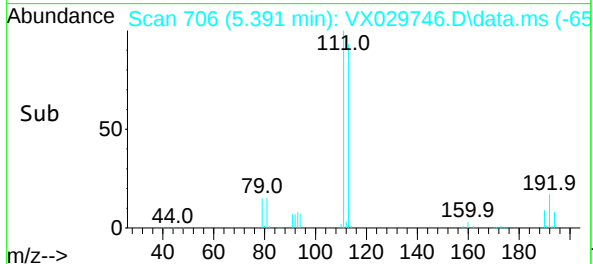
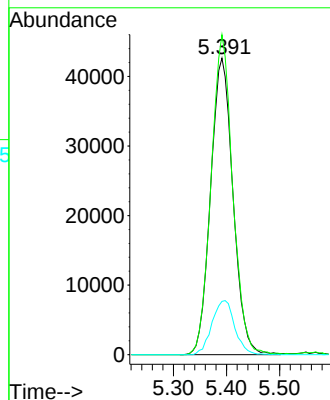
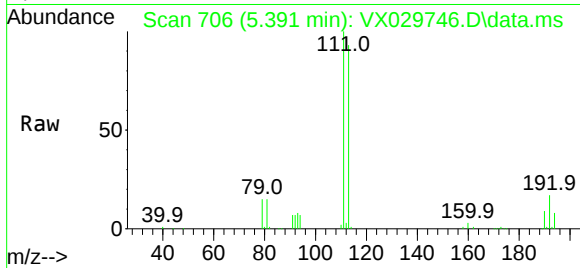




#35
Dibromofluoromethane
Concen: 45.313 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

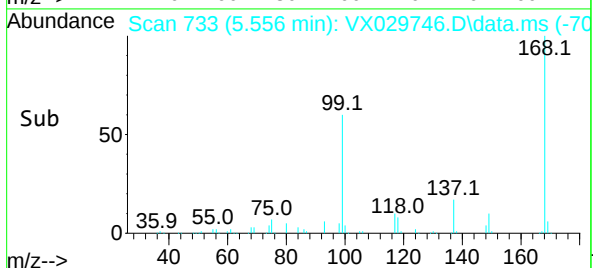
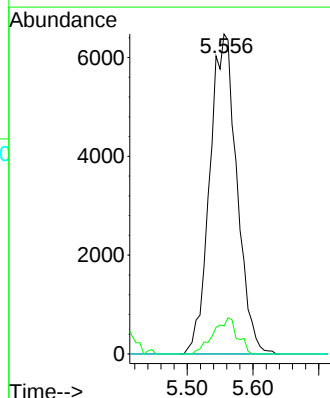
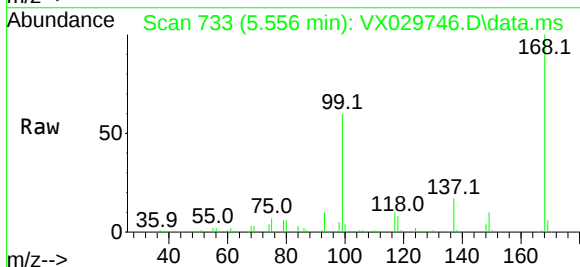
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

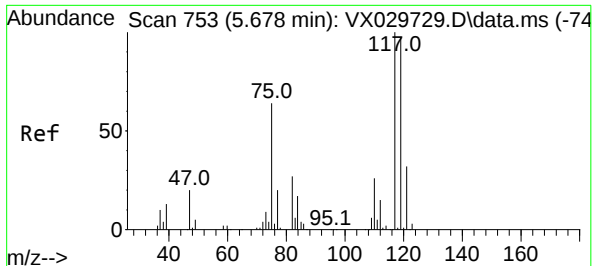
Tgt Ion:113 Resp: 125246
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 18.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.966 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

Tgt Ion: 75 Resp: 18579
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 7.061 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX029746.D

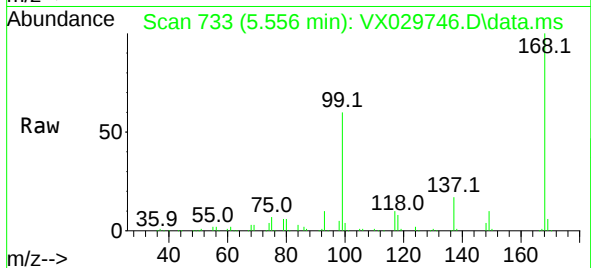
Acq: 23 Jun 2022 16:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



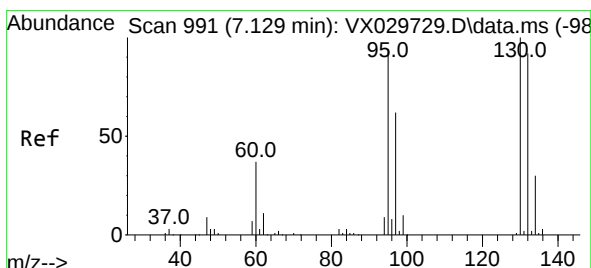
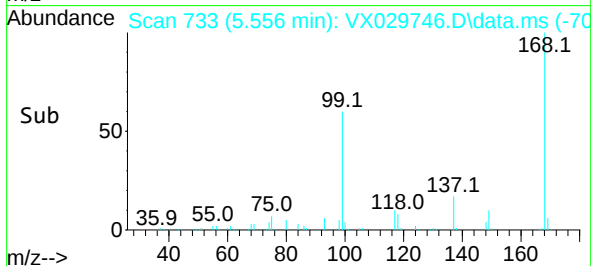
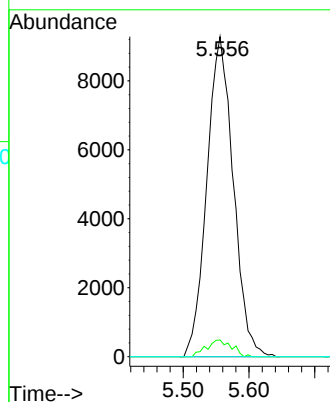
Tgt Ion:117 Resp: 25975

Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 24.2 36.2#



#44

Trichloroethene

Concen: Below Cal

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX029746.D

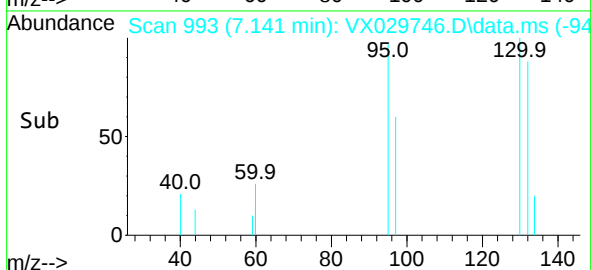
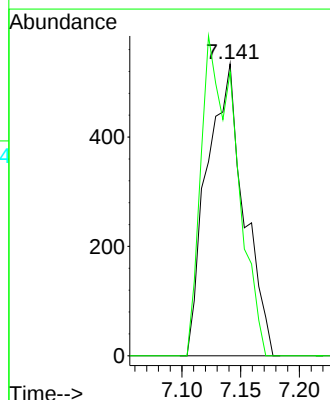
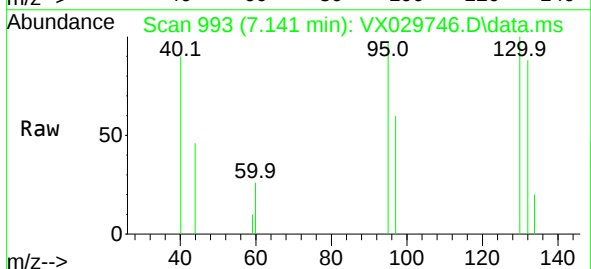
Acq: 23 Jun 2022 16:04

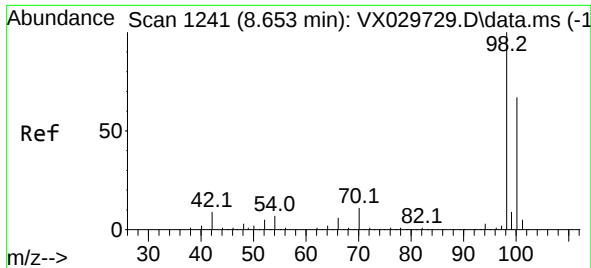
Tgt Ion:130 Resp: 1171

Ion Ratio Lower Upper

130 100

95 97.2 0.0 188.8

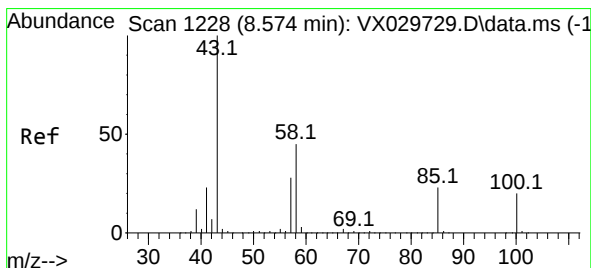
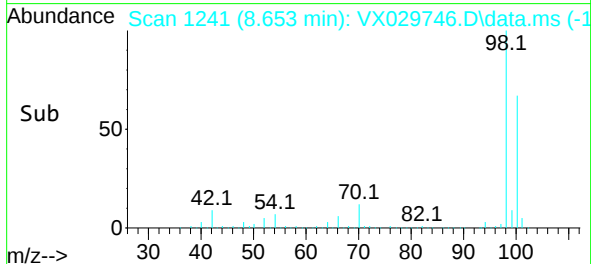
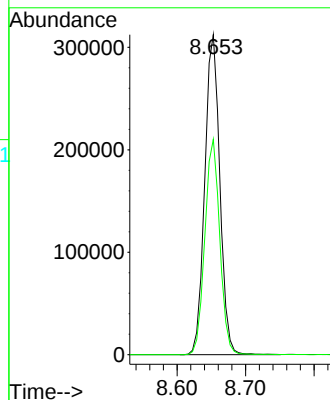
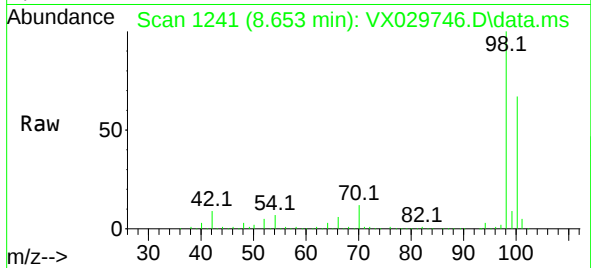




#50
Toluene-d8
Concen: 47.370 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

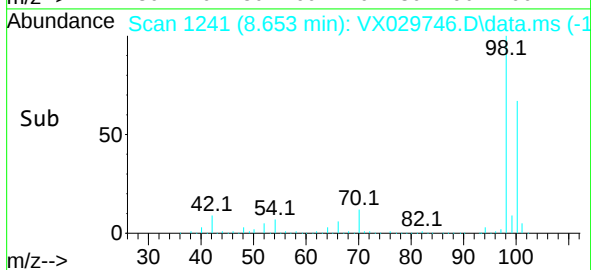
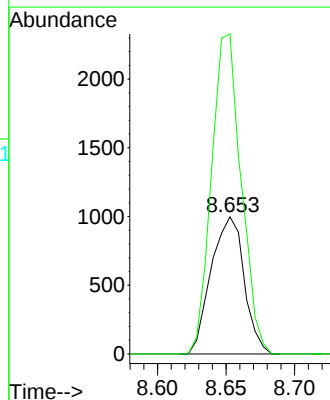
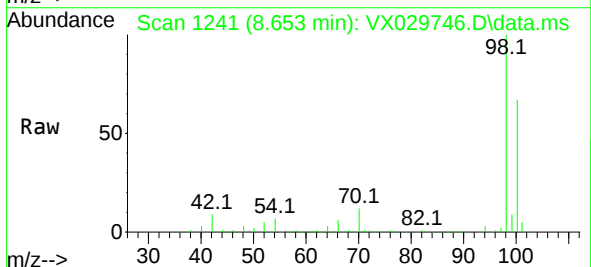
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

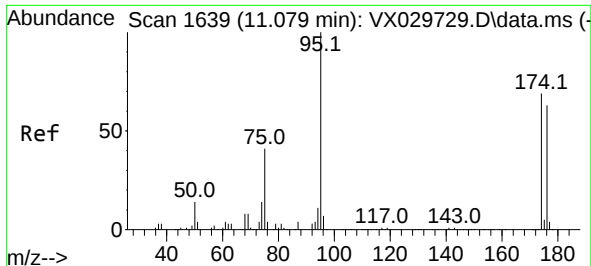
Tgt Ion: 98 Resp: 478323
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
58 209.8 36.1 54.1#

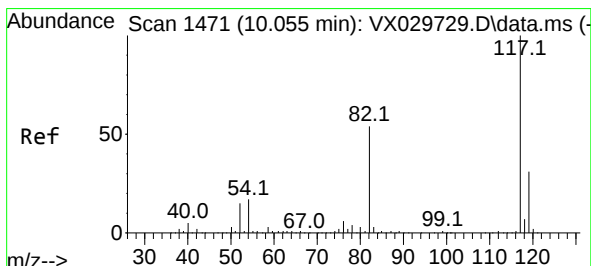
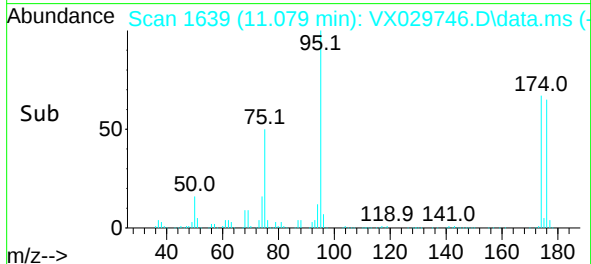
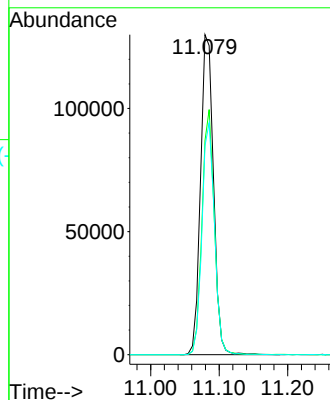
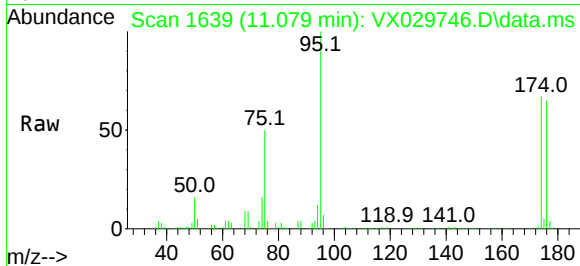




#62
4-Bromofluorobenzene
Concen: 44.939 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

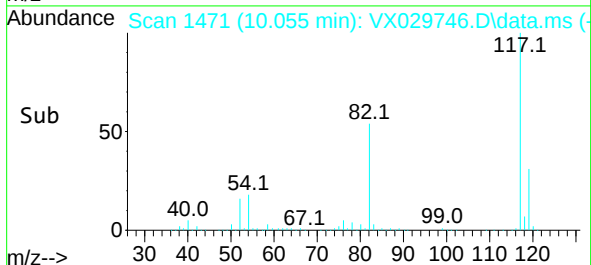
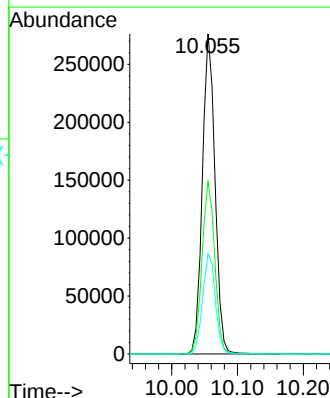
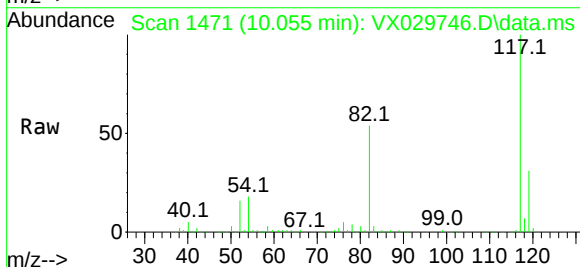
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

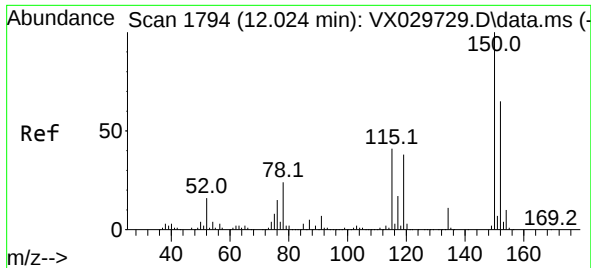
Tgt Ion: 95 Resp: 171124
Ion Ratio Lower Upper
95 100
174 72.8 0.0 163.0
176 70.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029746.D
Acq: 23 Jun 2022 16:04

Tgt Ion: 117 Resp: 368600
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.8
119 31.3 24.8 37.2

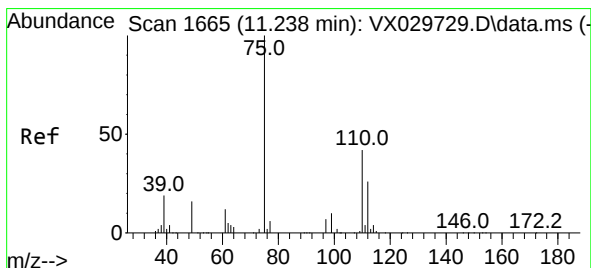
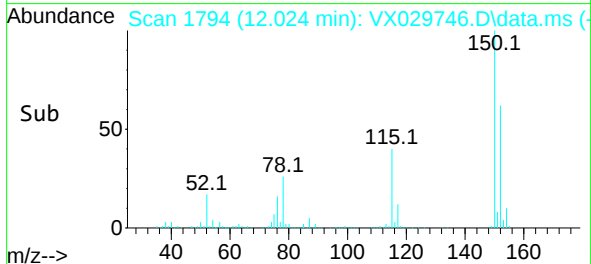
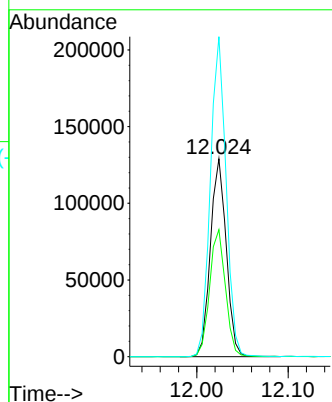
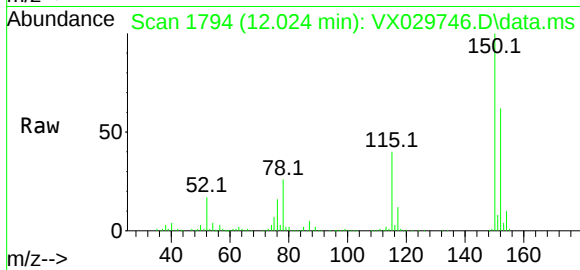




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029746.D
 Acq: 23 Jun 2022 16:04

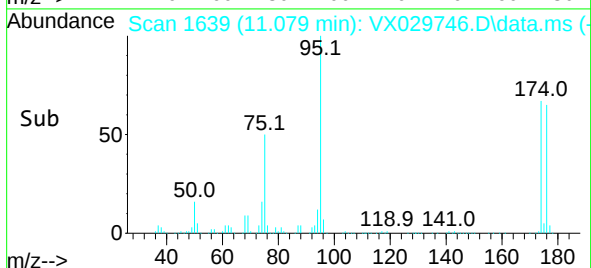
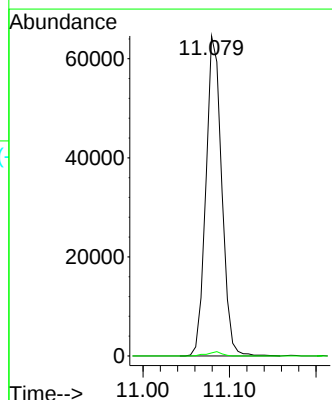
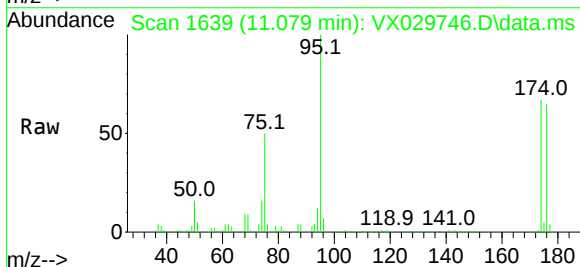
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

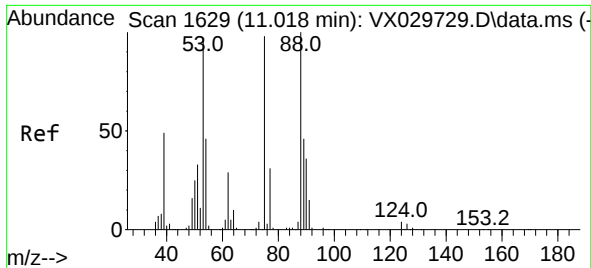
Tgt Ion:152 Resp: 155046
 Ion Ratio Lower Upper
 152 100
 115 64.2 37.5 112.7
 150 159.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.211 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029746.D
 Acq: 23 Jun 2022 16:04

Tgt Ion: 75 Resp: 81776
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.543 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029746.D
 Acq: 23 Jun 2022 16:04

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

Tgt Ion: 75 Resp: 81776
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

