

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030774.D
 Acq On : 25 Aug 2022 16:24
 Operator : JC/MD
 Sample : N4266-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 26 02:40:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

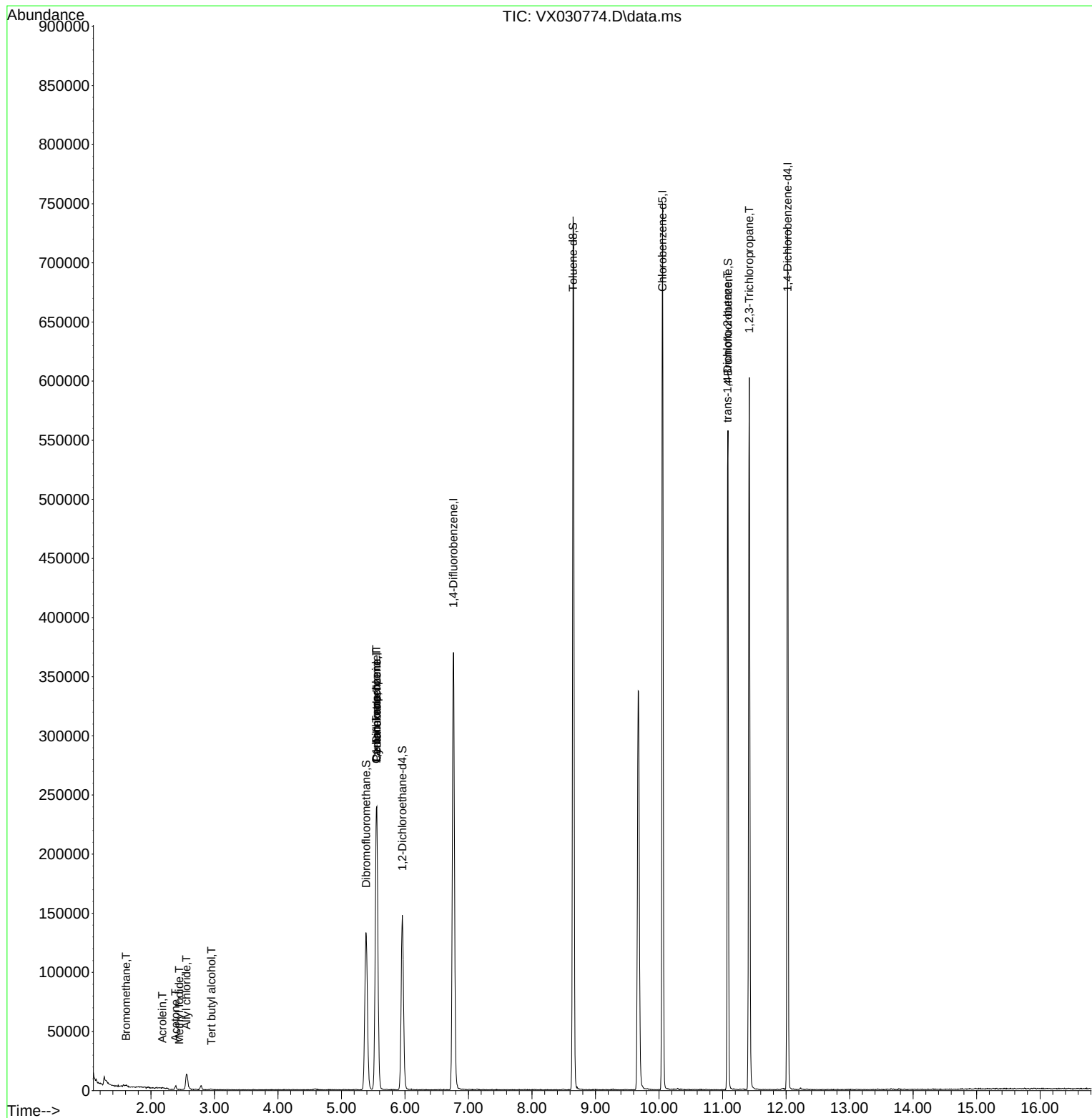
Internal Standards						
1) Pentafluorobenzene	5.556	168	235114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	391409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137642	49.770	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.540%
35) Dibromofluoromethane	5.385	113	118275	49.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.340%
50) Toluene-d8	8.647	98	450452	53.737	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.480%
62) 4-Bromofluorobenzene	11.085	95	152685	48.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.840%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	510	Below Cal	#	85
5) Bromomethane	1.605	94	363	0.331	ug/l #	78
6) Chloroethane	1.691	64	108	Below Cal	#	41
10) Methyl Iodide	2.447	142	203	4.127	ug/l #	89
11) Tert butyl alcohol	2.953	59	335	0.558	ug/l #	74
13) Acrolein	2.178	56	20	10.088	ug/l #	14
14) Allyl chloride	2.556	41	2005	0.508	ug/l #	66
16) Acetone	2.386	43	3360	2.629	ug/l #	78
17) Carbon Disulfide	2.508	76	523	Below Cal	#	74
20) Methylene Chloride	2.788	84	1481	Below Cal	#	83
31) Cyclohexane	5.556	56	4496	1.271	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17661	5.392	ug/l #	49
38) Carbon Tetrachloride	5.550	117	24500	7.091	ug/l #	18
76) 1,2,3-Trichloropropane	11.421	75	17959	5.439	ug/l	88
81) trans-1,4-Dichloro-2-b...	11.079	75	74345	72.642	ug/l #	12

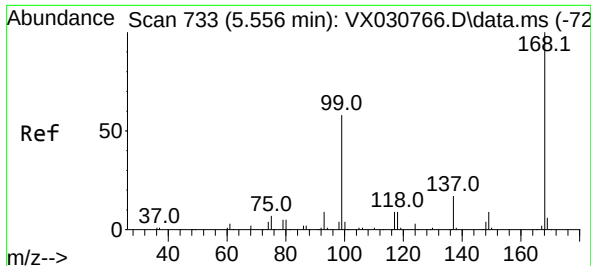
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 26 02:40:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

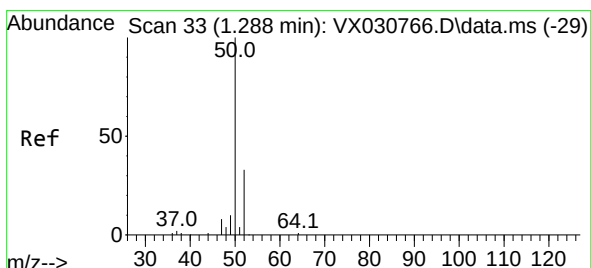
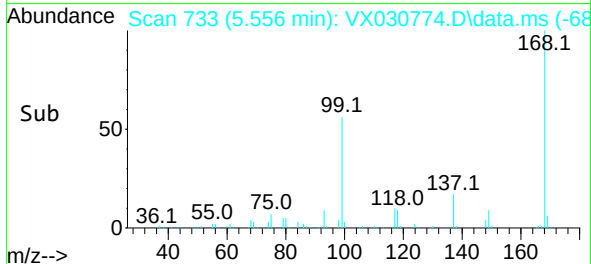
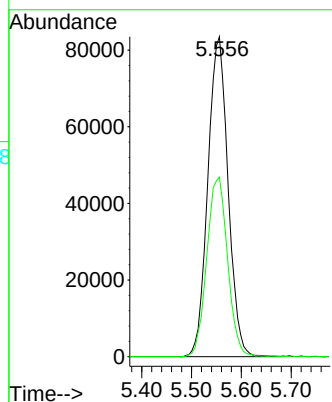
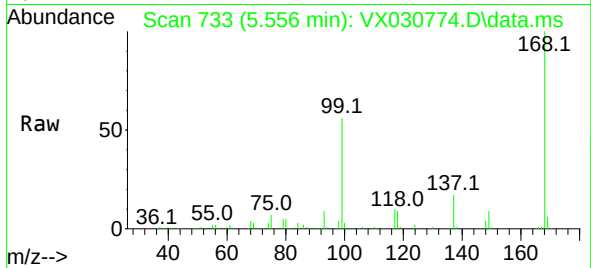




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

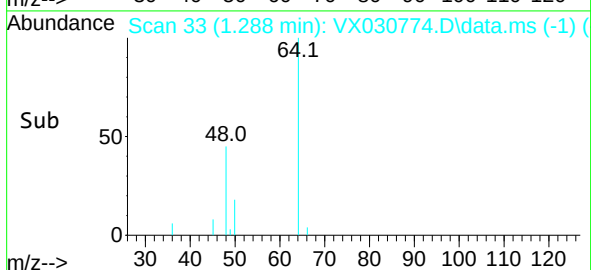
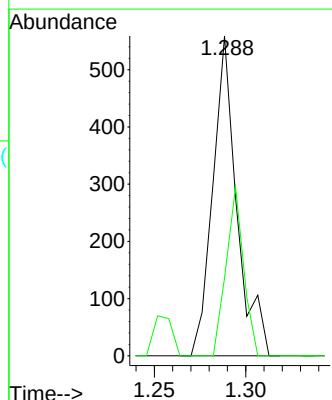
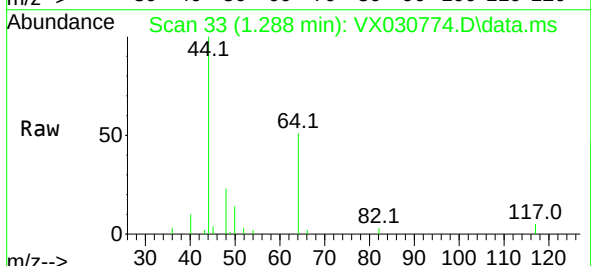
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

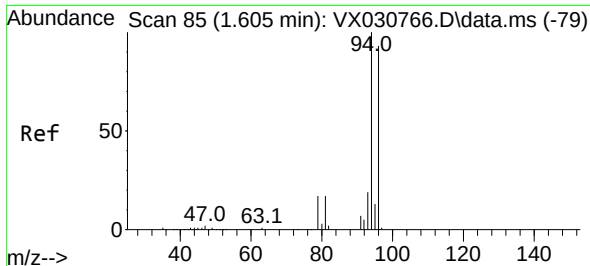
Tgt Ion:168 Resp: 235114
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

Tgt Ion: 50 Resp: 510
Ion Ratio Lower Upper
50 100
52 24.3 26.3 39.5#

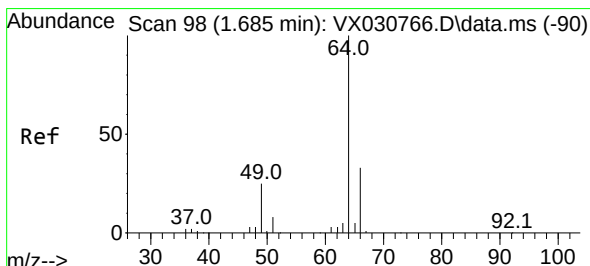
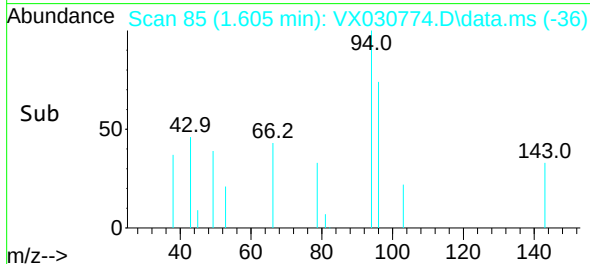
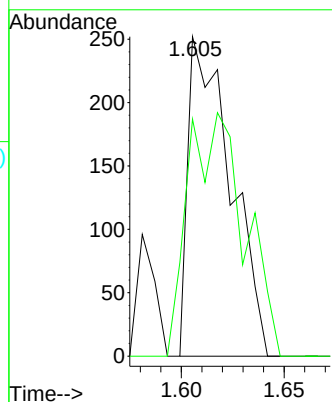
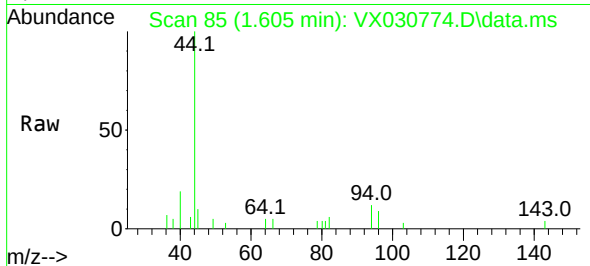




#5
Bromomethane
Concen: 0.331 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

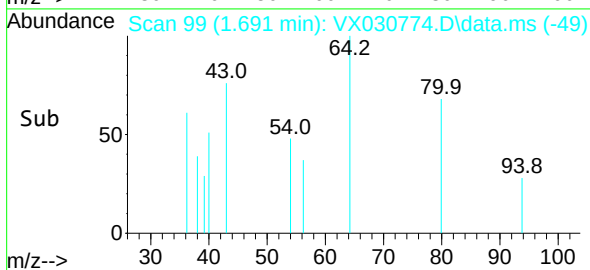
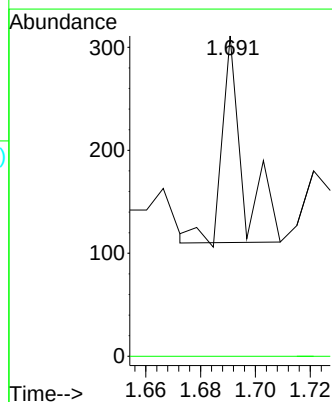
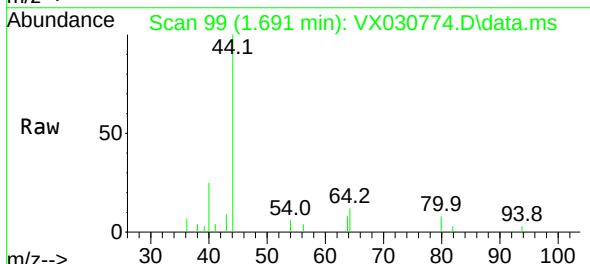
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

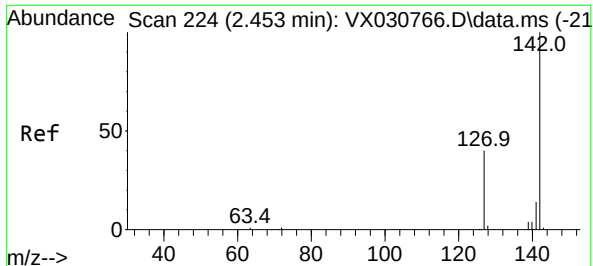
Tgt Ion: 94 Resp: 363
Ion Ratio Lower Upper
94 100
96 74.2 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

Tgt Ion: 64 Resp: 108
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

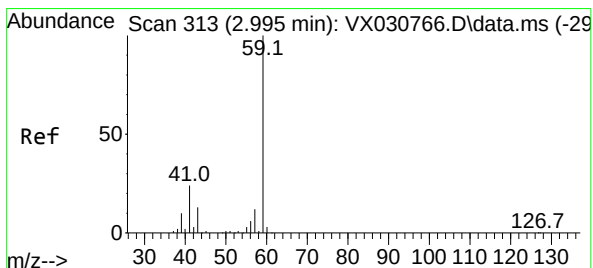
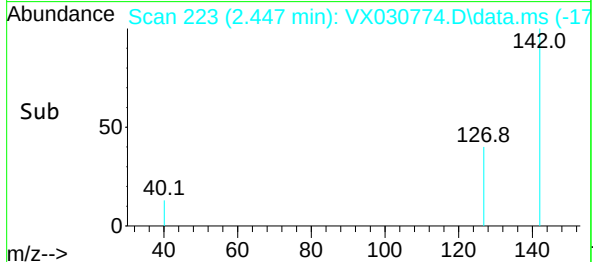
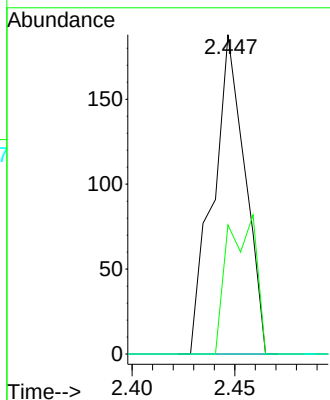
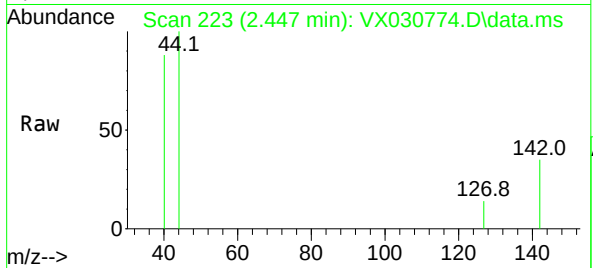




#10
Methyl Iodide
Concen: 4.127 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

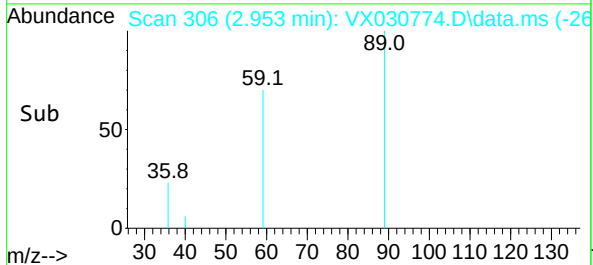
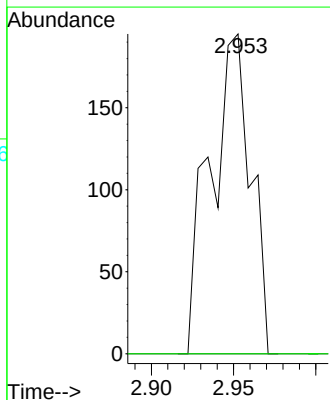
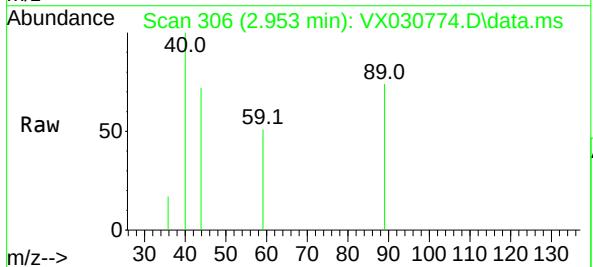
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

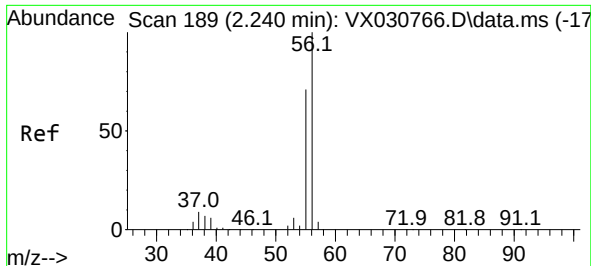
Tgt Ion:142 Resp: 203
Ion Ratio Lower Upper
142 100
127 39.4 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.558 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.043 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

Tgt Ion: 59 Resp: 335
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

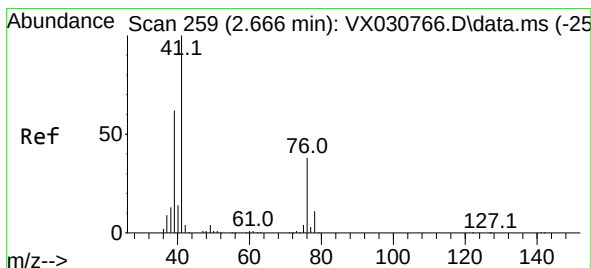
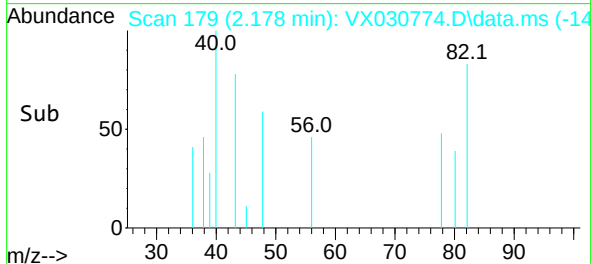
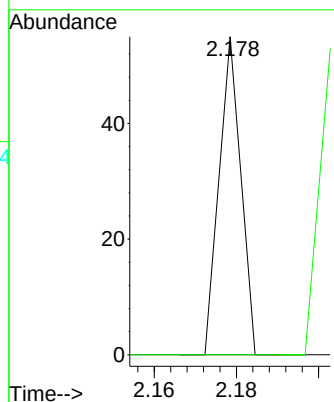
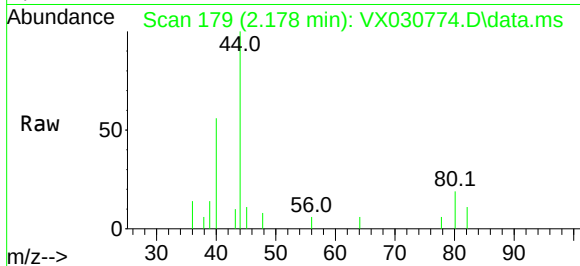




#13
Acrolein
Concen: 10.088 ug/l
RT: 2.178 min Scan# 11
Delta R.T. -0.062 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

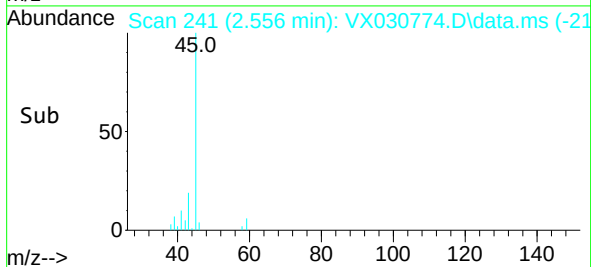
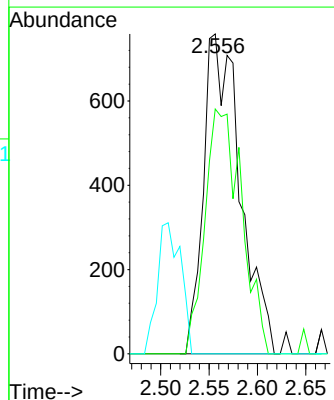
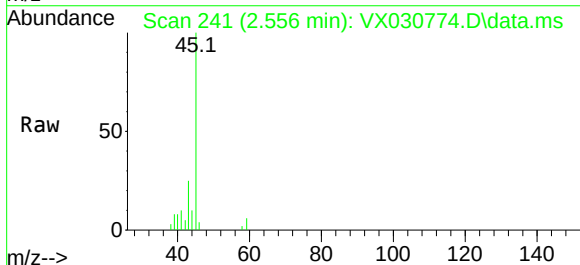
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

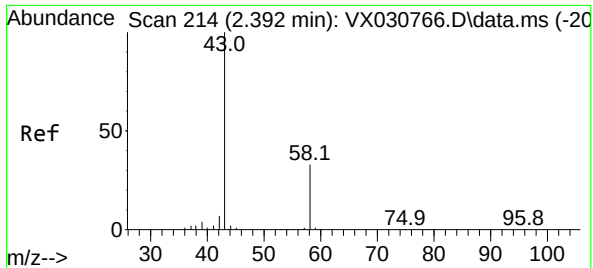
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#14
Allyl chloride
Concen: 0.508 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.110 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

Tgt Ion: 41 Resp: 2005
Ion Ratio Lower Upper
41 100
39 76.4 48.9 73.3#
76 0.0 26.9 40.3#

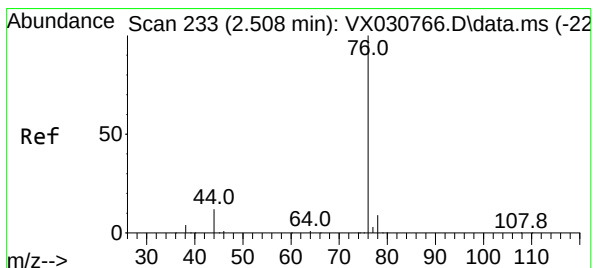
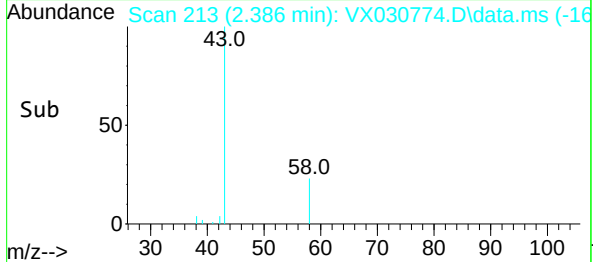
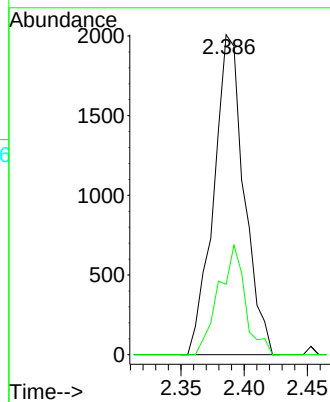
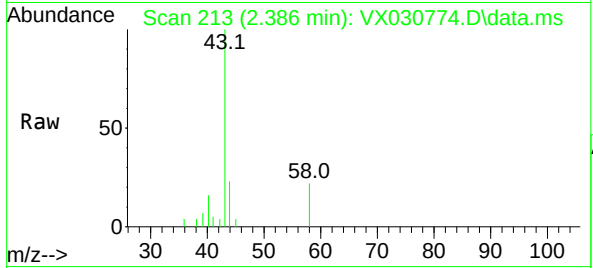




#16
Acetone
Concen: 2.629 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

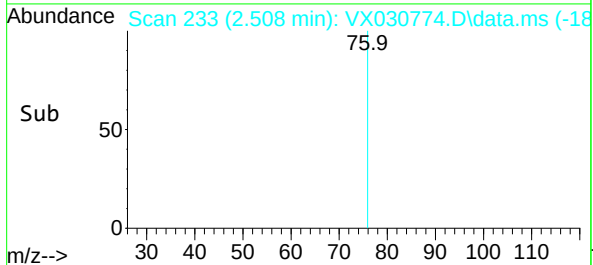
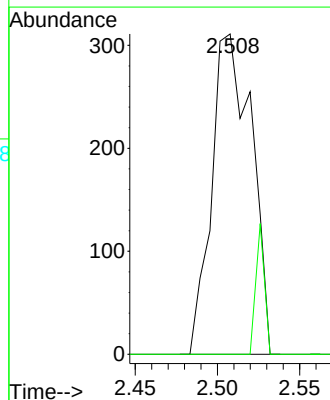
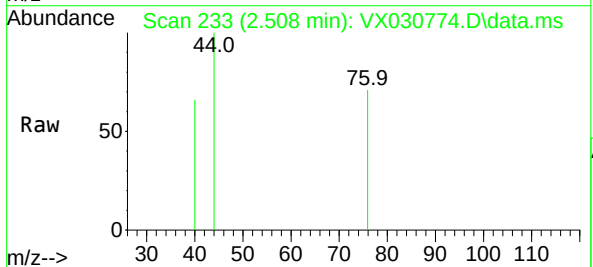
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

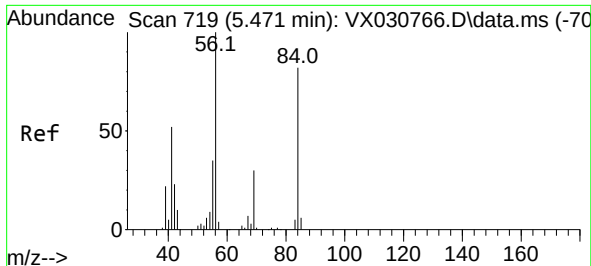
Tgt Ion: 43 Resp: 3360
Ion Ratio Lower Upper
43 100
58 22.0 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

Tgt Ion: 76 Resp: 523
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

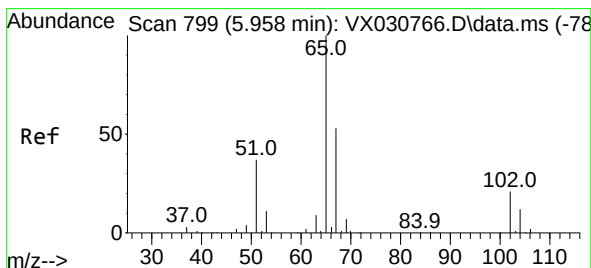
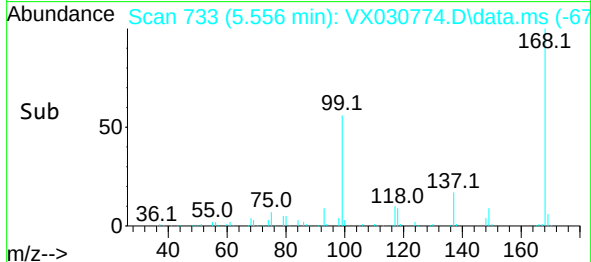
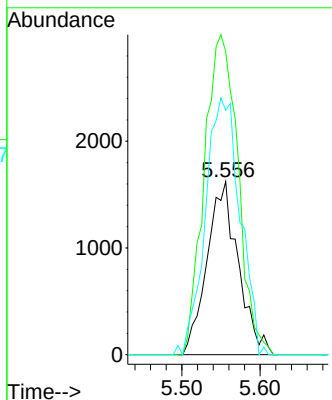
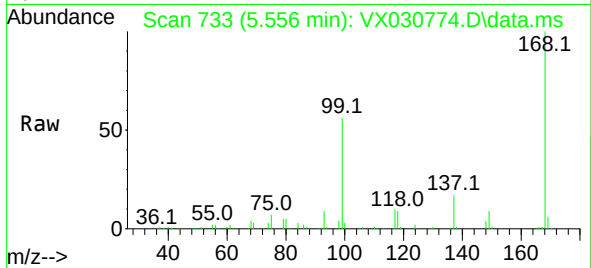




#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

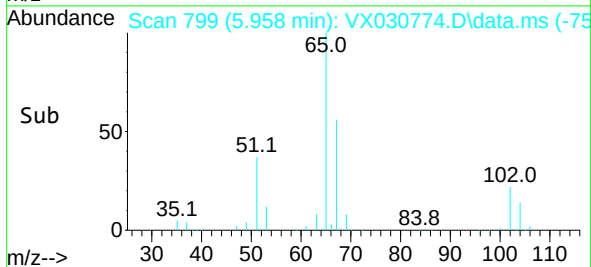
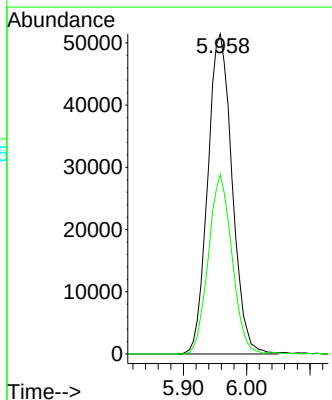
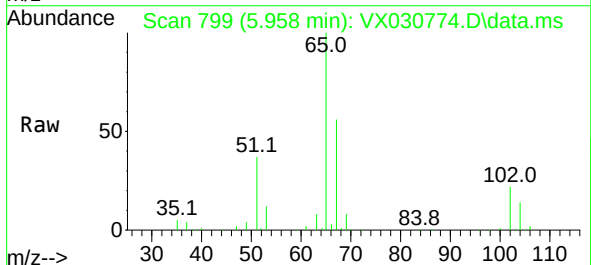
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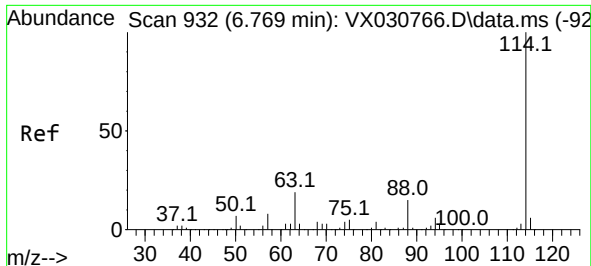
Tgt Ion: 56 Resp: 4496
Ion Ratio Lower Upper
56 100
69 175.0 25.4 38.0#
84 141.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.770 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

Tgt Ion: 65 Resp: 137642
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

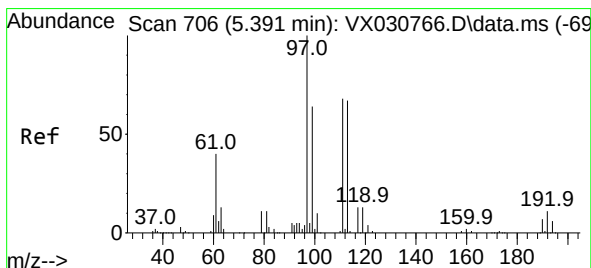
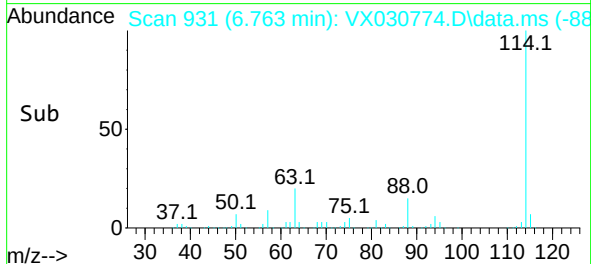
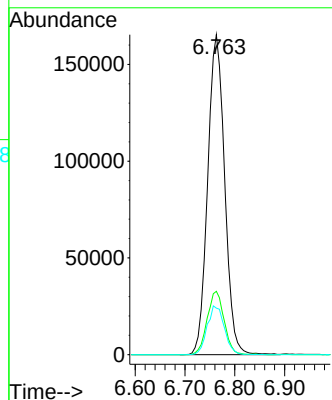
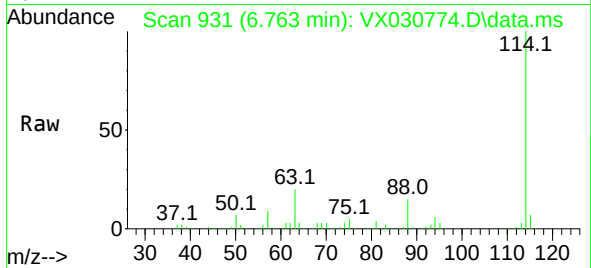




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

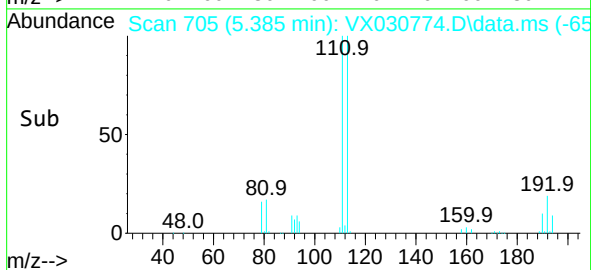
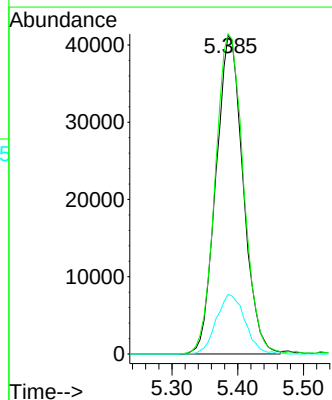
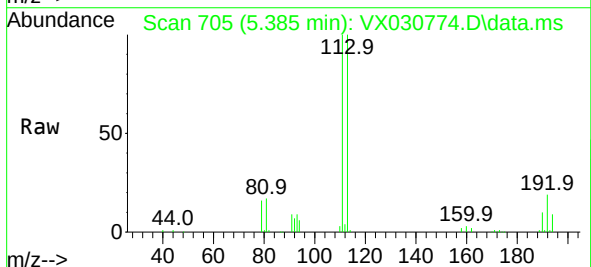
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

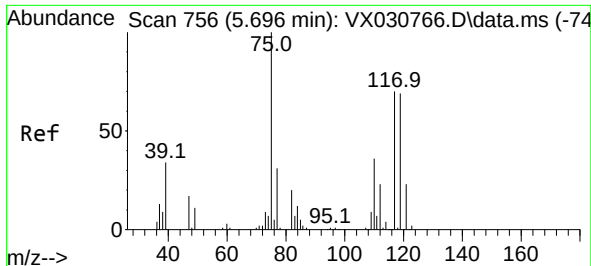
Tgt Ion:114 Resp: 391409
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.168 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

Tgt Ion:113 Resp: 118275
Ion Ratio Lower Upper
113 100
111 104.2 83.2 124.8
192 19.7 14.8 22.2

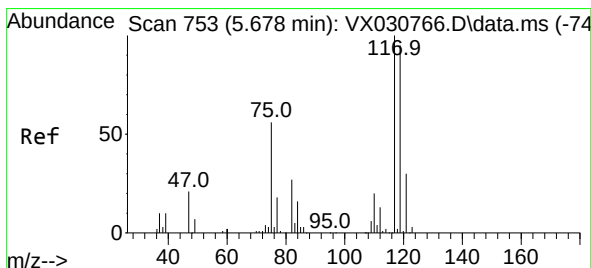
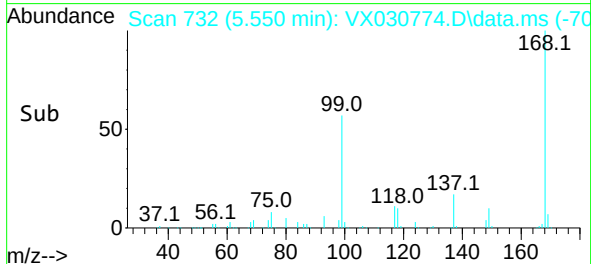
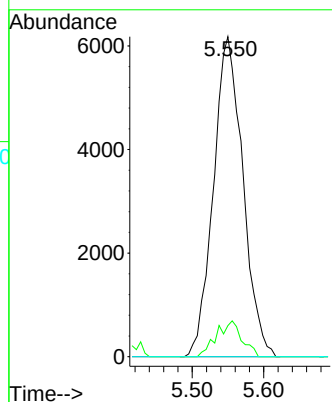
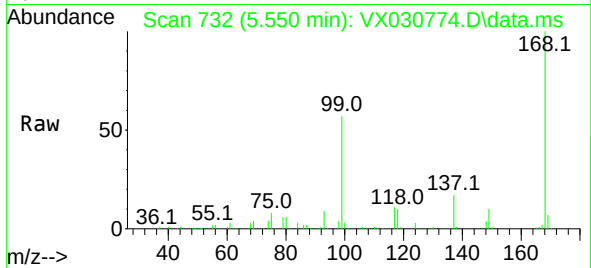




#36
1,1-Dichloropropene
Concen: 5.392 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

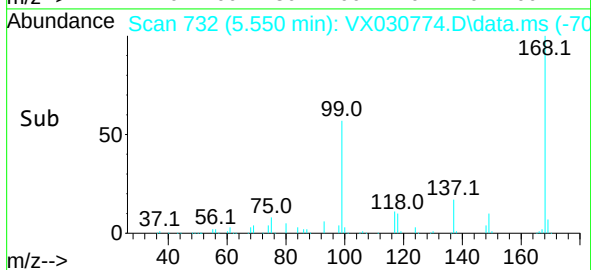
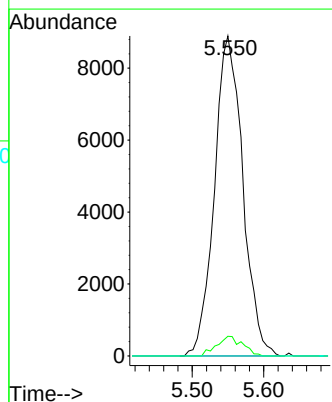
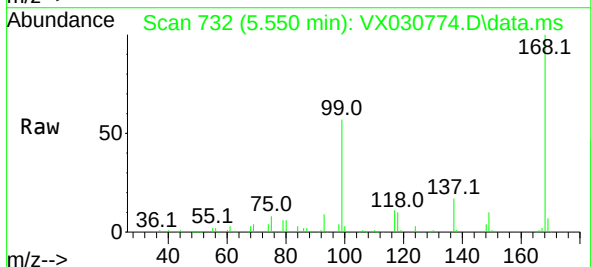
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

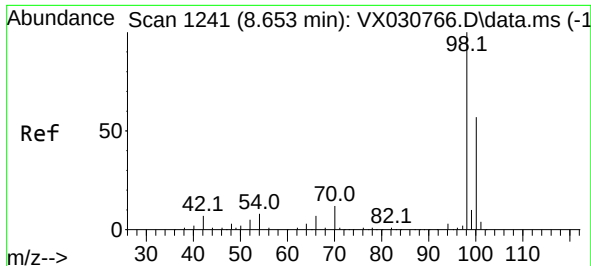
Tgt Ion: 75 Resp: 17661
Ion Ratio Lower Upper
75 100
110 9.7 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.091 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

Tgt Ion: 117 Resp: 24500
Ion Ratio Lower Upper
117 100
119 6.2 74.1 111.1#
121 0.0 25.8 38.8#

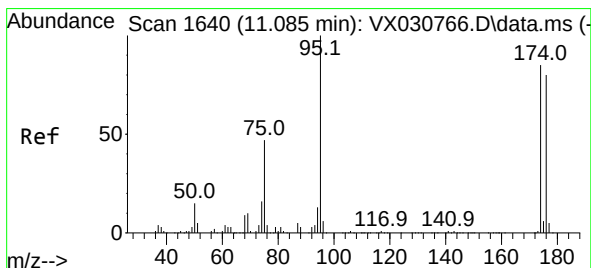
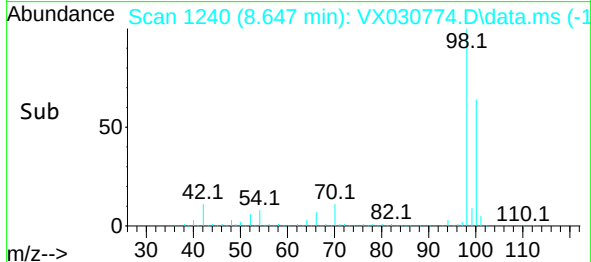
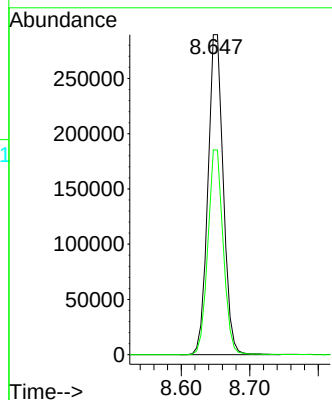
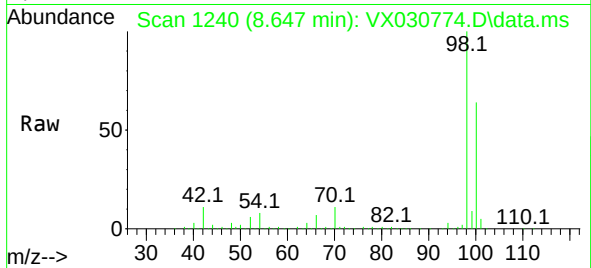




#50
Toluene-d8
Concen: 53.737 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

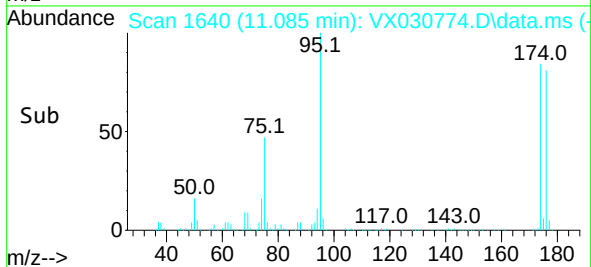
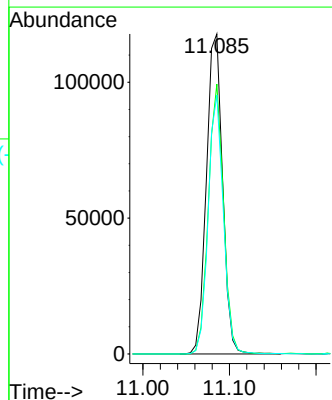
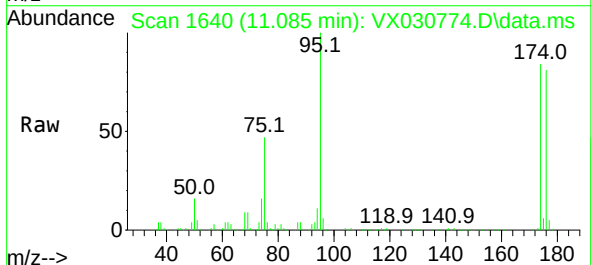
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

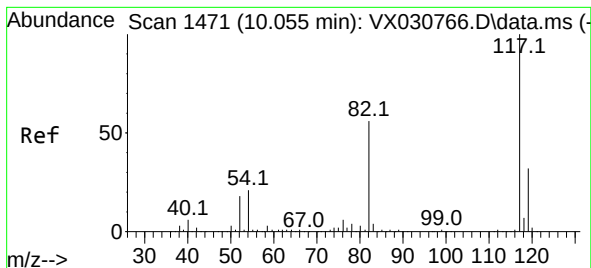
Tgt Ion: 98 Resp: 450452
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.925 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

Tgt Ion: 95 Resp: 152685
Ion Ratio Lower Upper
95 100
174 79.6 0.0 149.0
176 75.8 0.0 146.0

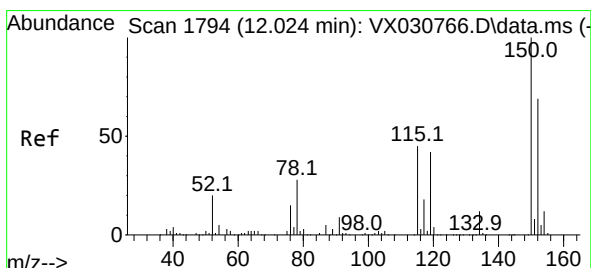
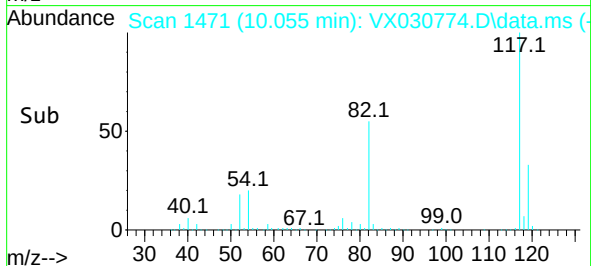
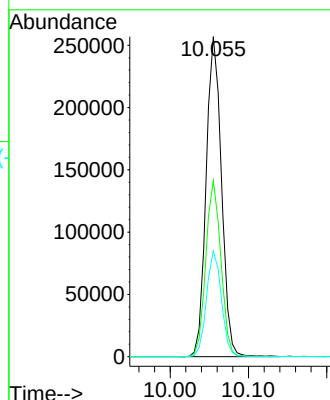
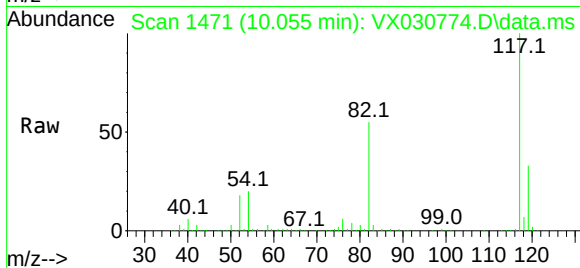




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

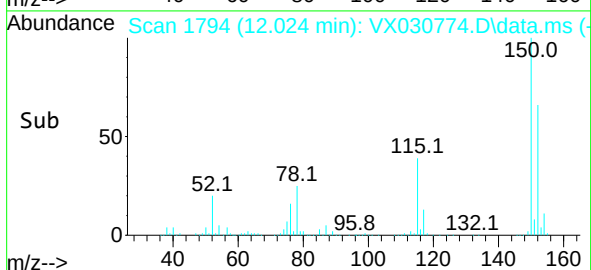
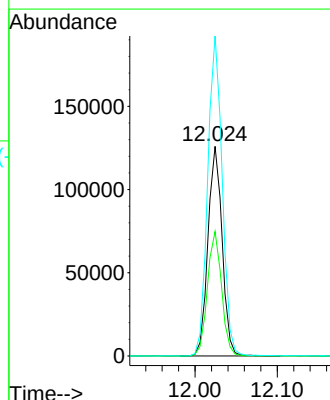
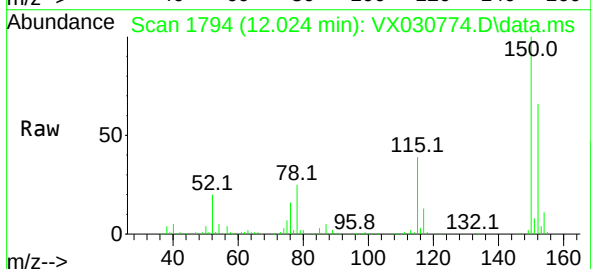
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

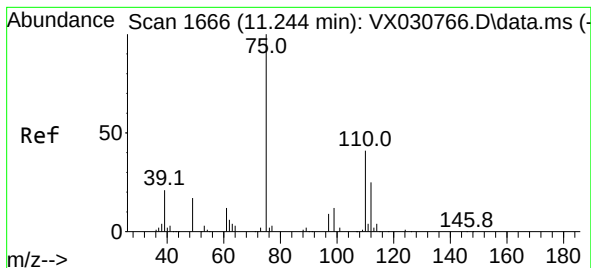
Tgt Ion:117 Resp: 348949
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 33.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030774.D
Acq: 25 Aug 2022 16:24

Tgt Ion:152 Resp: 150719
Ion Ratio Lower Upper
152 100
115 59.2 40.5 121.5
150 156.1 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 5.439 ug/l

RT: 11.421 min Scan# 1

Delta R.T. 0.177 min

Lab File: VX030774.D

Acq: 25 Aug 2022 16:24

Instrument :

MSVOA_X

ClientSampleId :

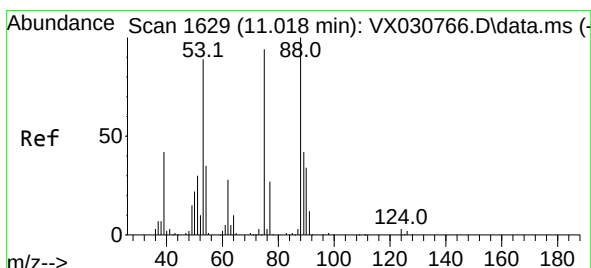
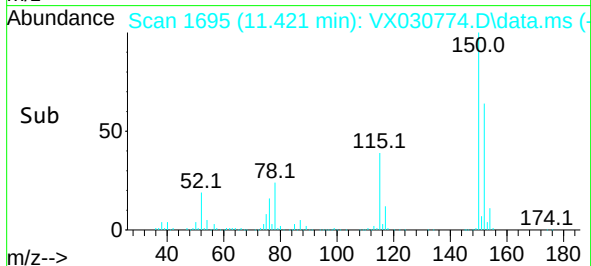
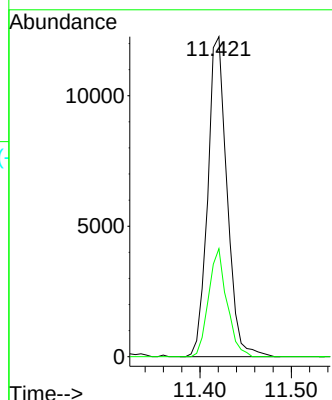
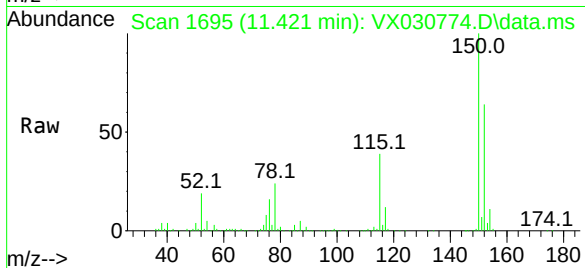
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 17959

Ion Ratio Lower Upper

75 100

77 32.0 19.8 59.3



#81

trans-1,4-Dichloro-2-butene

Concen: 72.642 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX030774.D

Acq: 25 Aug 2022 16:24

Tgt Ion: 75 Resp: 74345

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

