

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027148.D
 Acq On : 23 Feb 2022 16:11
 Operator : JC/MD
 Sample : N1616-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

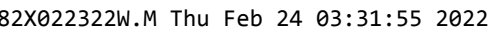
Quant Time: Feb 24 03:31:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

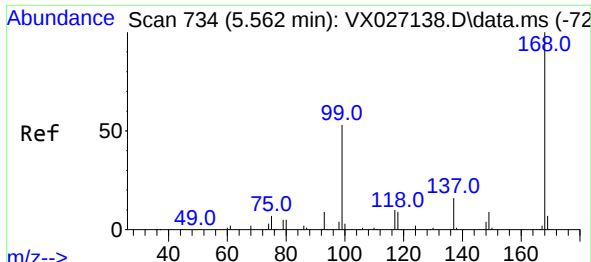
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	93700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	153351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55265	49.109	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.220%
35) Dibromofluoromethane	5.391	113	47882	50.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.600%
50) Toluene-d8	8.653	98	176662	49.636	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.280%
62) 4-Bromofluorobenzene	11.079	95	65885	48.225	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.460%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	173	Below Cal	#	79
10) Methyl Iodide	2.465	142	331	0.262	ug/l #	79
14) Allyl chloride	2.544	41	640	0.398	ug/l #	69
16) Acetone	2.386	43	1131	2.289	ug/l #	84
18) Methyl Acetate	2.538	43	1928	1.512	ug/l #	53
20) Methylene Chloride	2.794	84	240	0.234	ug/l #	87
31) Cyclohexane	5.562	56	1561	0.926	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6801	4.896	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9310	6.426	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	679	0.445	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31150	24.287	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	31150	68.928	ug/l #	3

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

Quant Time: Feb 24 03:31:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration

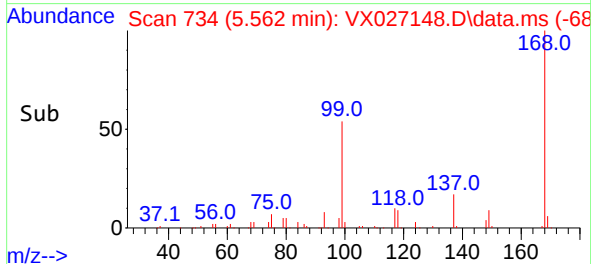
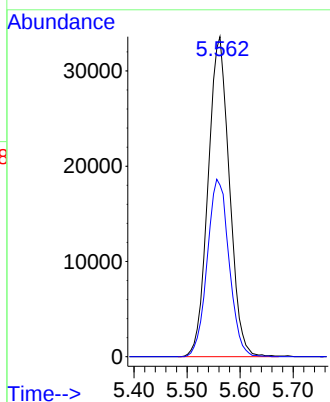
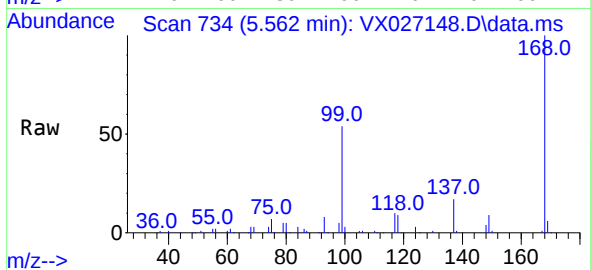




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

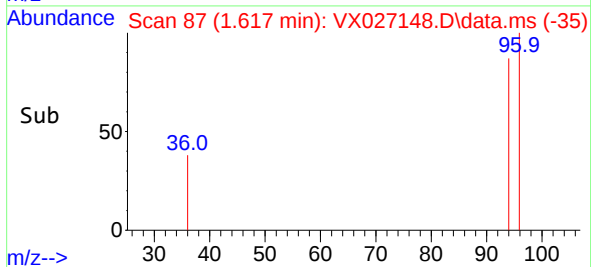
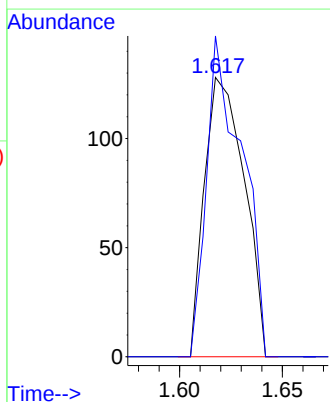
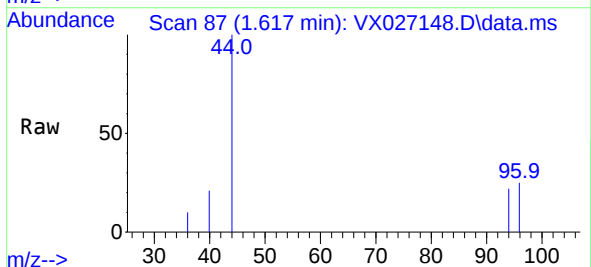
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

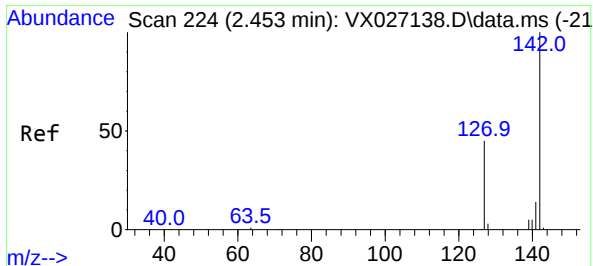
Tgt Ion:168 Resp: 93700
Ion Ratio Lower Upper
168 100
99 53.7 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 114.8 75.9 113.9#





#10

Methyl Iodide

Concen: 0.262 ug/l

RT: 2.465 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX027148.D

Acq: 23 Feb 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

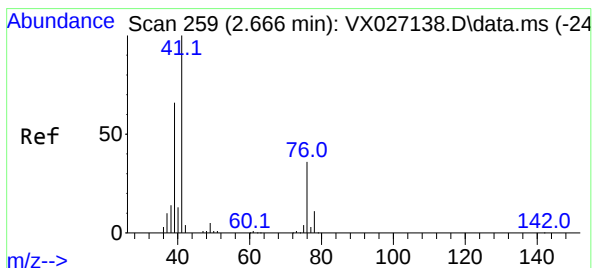
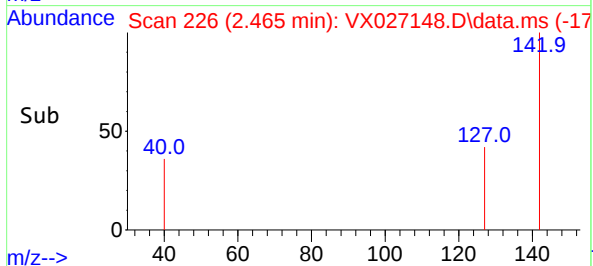
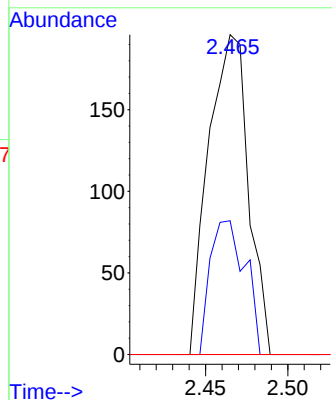
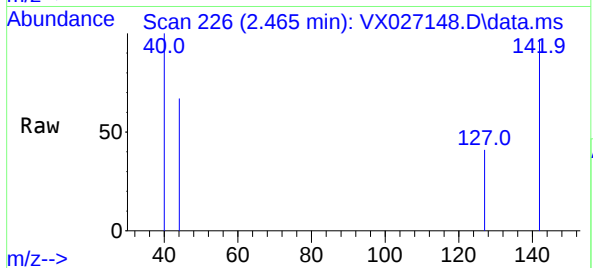
Tgt Ion:142 Resp: 331

Ion Ratio Lower Upper

142 100

127 36.6 38.1 57.1#

141 0.0 11.2 16.8#



#14

Allyl chloride

Concen: 0.398 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.122 min

Lab File: VX027148.D

Acq: 23 Feb 2022 16:11

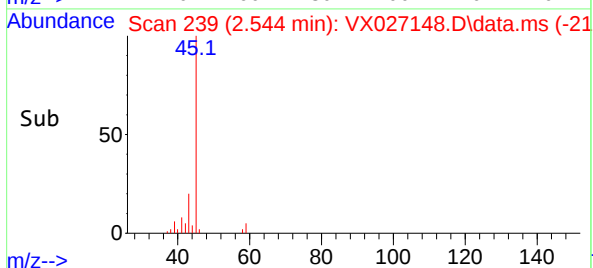
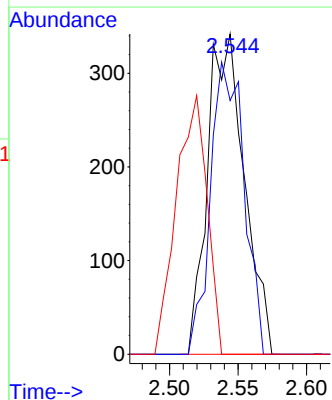
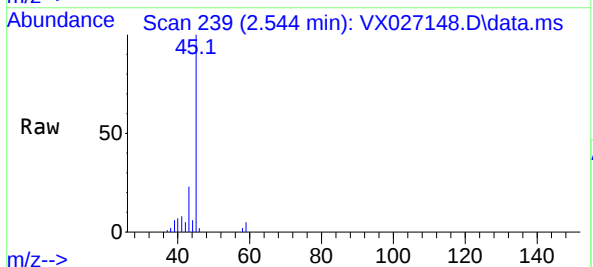
Tgt Ion: 41 Resp: 640

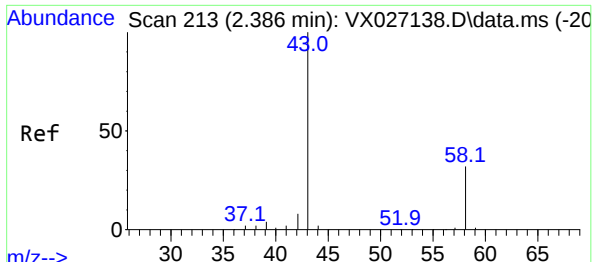
Ion Ratio Lower Upper

41 100

39 83.0 54.2 81.4#

76 0.0 25.2 37.8#

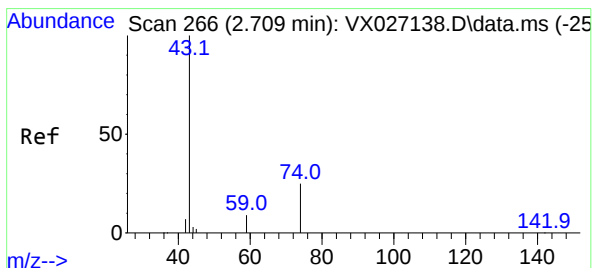
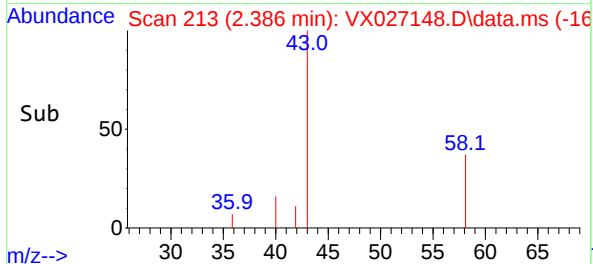
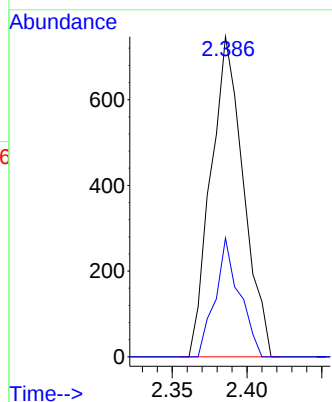
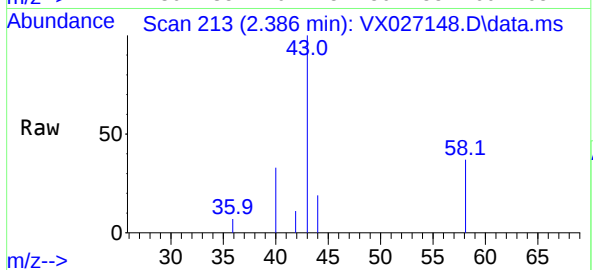




#16
Acetone
Concen: 2.289 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

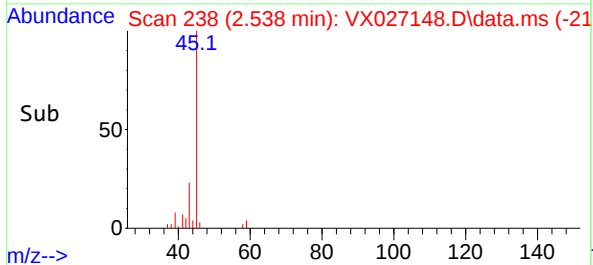
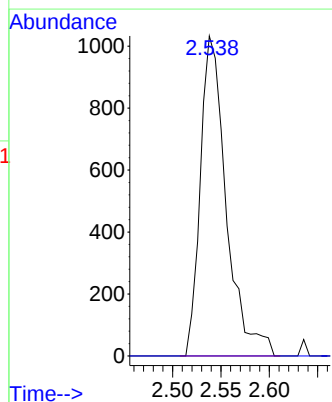
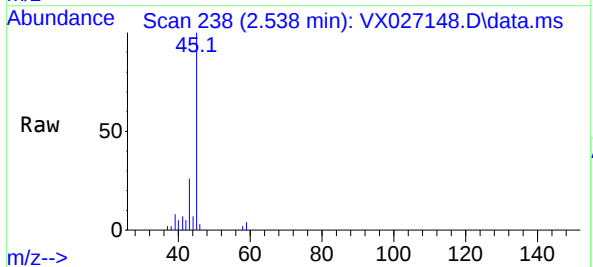
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

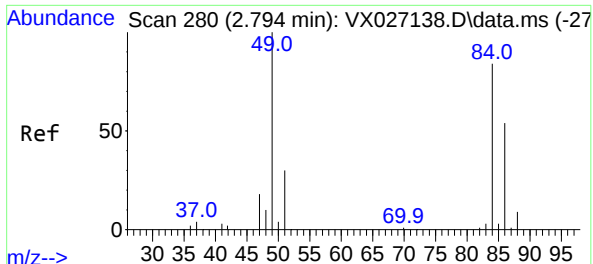
Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
58 37.1 23.0 34.6#



#18
Methyl Acetate
Concen: 1.512 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.171 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

Tgt Ion: 43 Resp: 1928
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



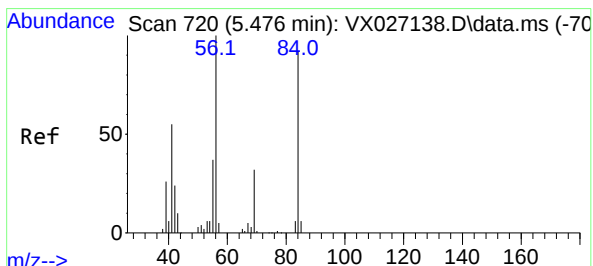
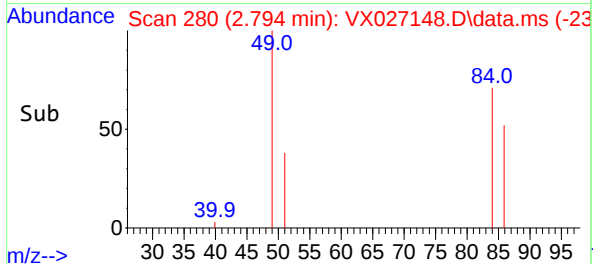
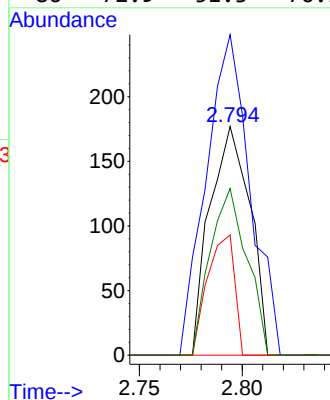
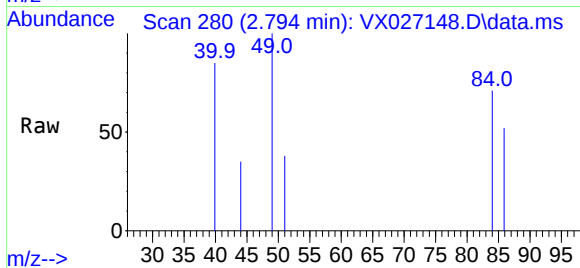


#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

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

Tgt Ion: 84 Resp: 240

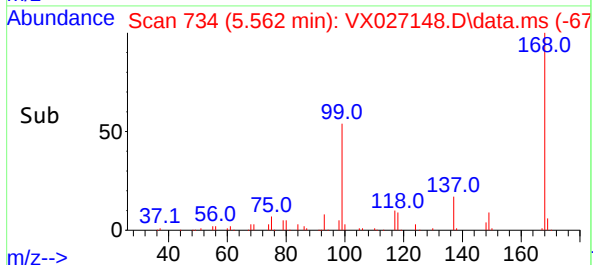
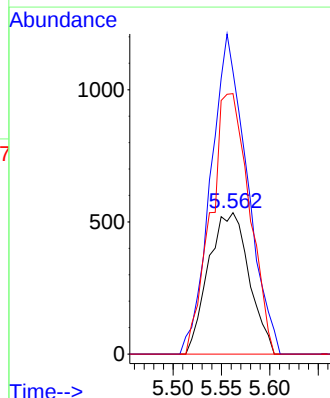
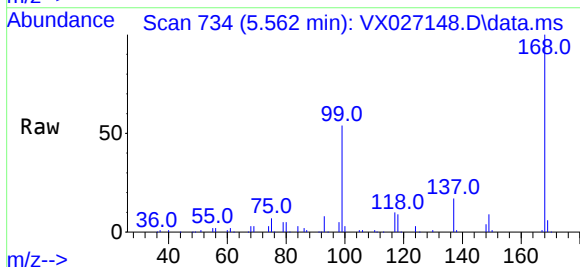
Ion	Ratio	Lower	Upper
84	100		
49	140.1	101.5	152.3
51	52.5	31.2	46.8#
86	72.9	51.3	76.9

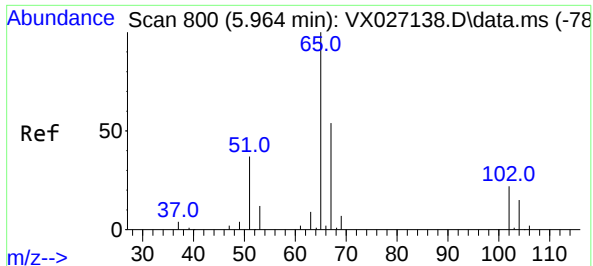


#31
Cyclohexane
Concen: 0.926 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

Tgt Ion: 56 Resp: 1561

Ion	Ratio	Lower	Upper
56	100		
69	199.6	25.8	38.6#
84	184.1	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.109 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027148.D

Acq: 23 Feb 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

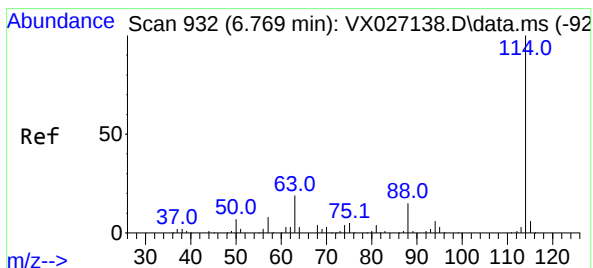
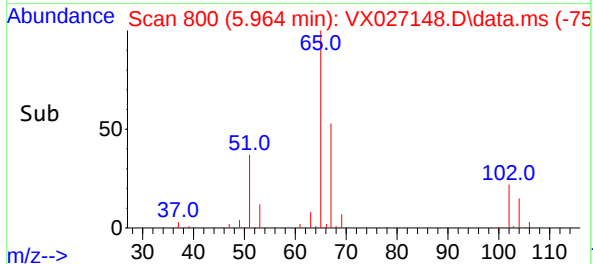
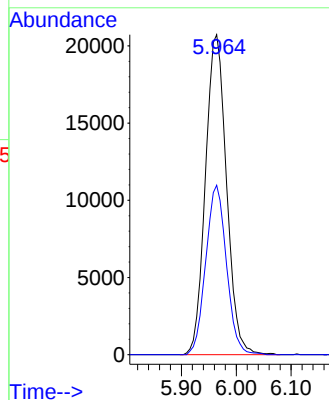
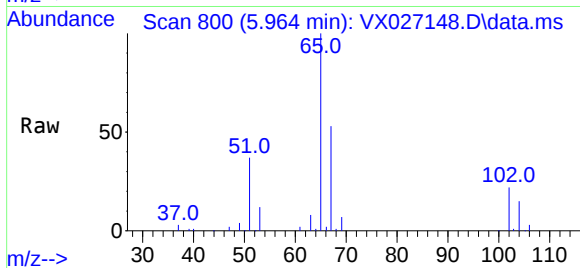
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 55265

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX027148.D

Acq: 23 Feb 2022 16:11

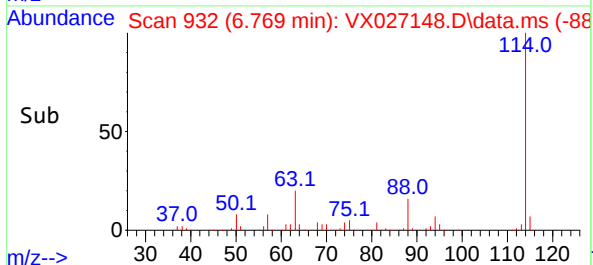
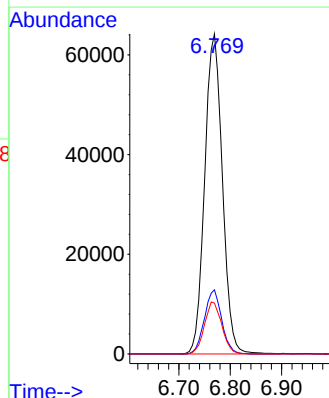
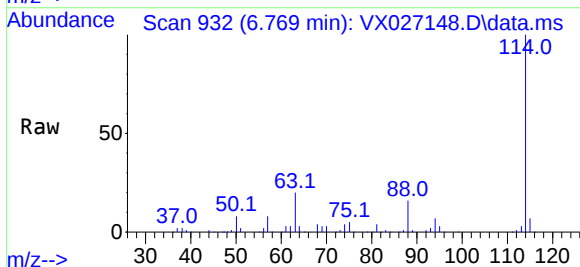
Tgt Ion: 114 Resp: 153351

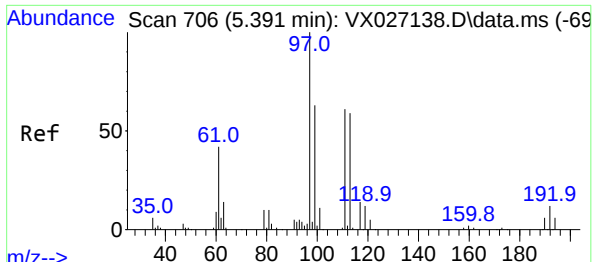
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 15.9 0.0 33.0

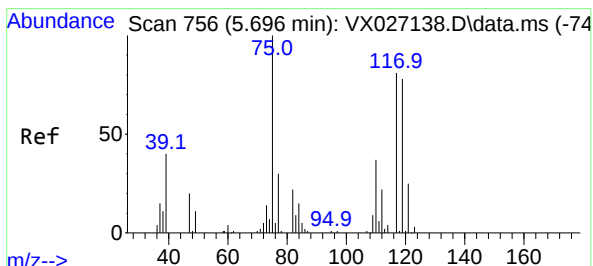
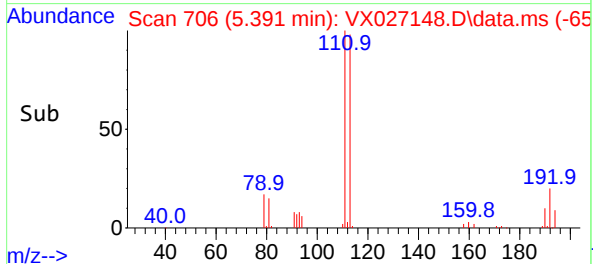
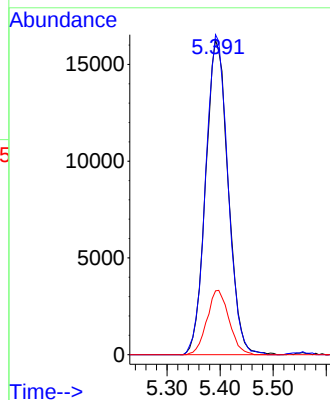
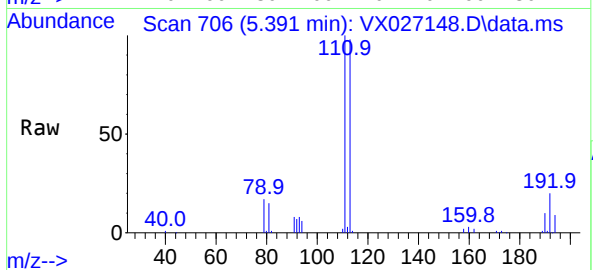




#35
Dibromofluoromethane
Concen: 50.303 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

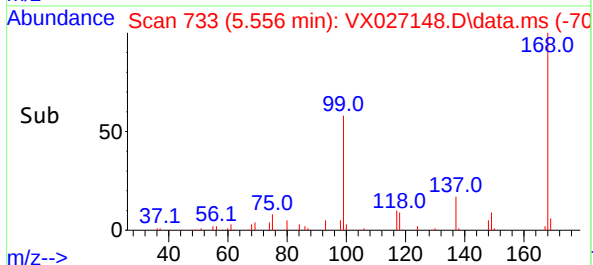
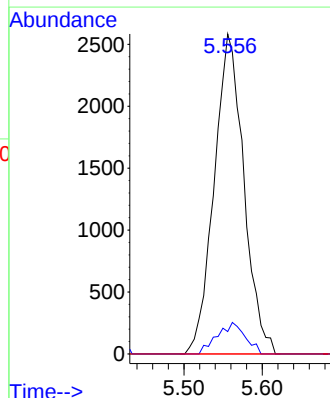
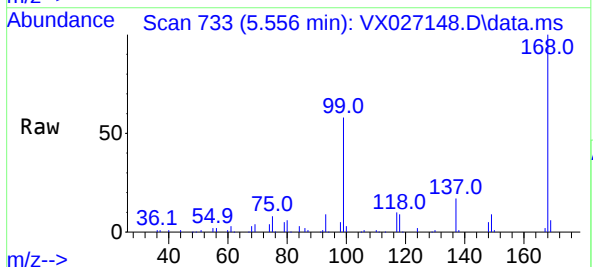
Instrument :
MSVOA_X
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STORAGE-BLANK-WATER-REF-5

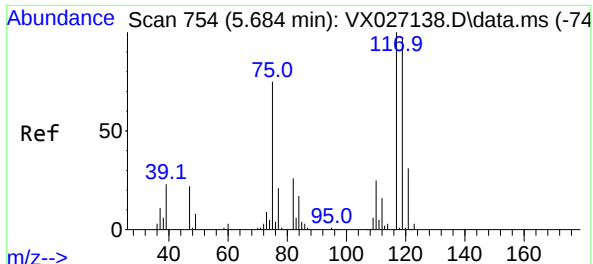
Tgt Ion:113 Resp: 47882
Ion Ratio Lower Upper
113 100
111 100.5 81.2 121.8
192 20.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

Tgt Ion: 75 Resp: 6801
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#

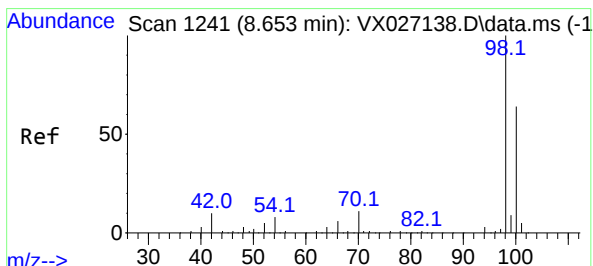
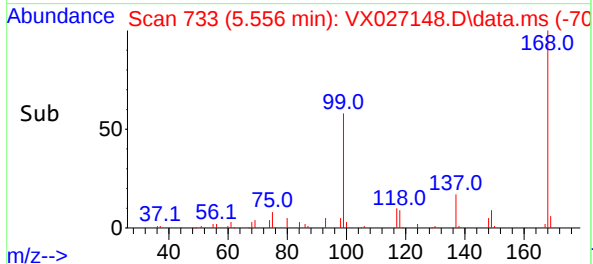
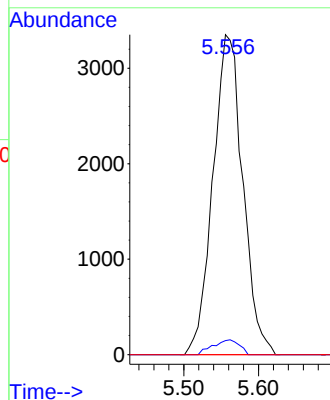
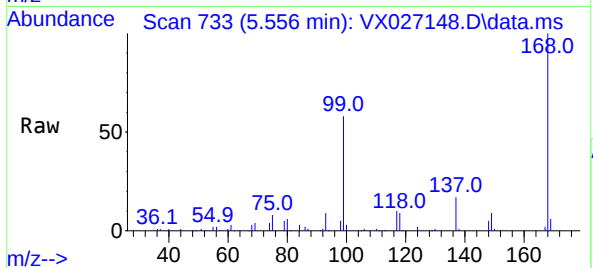




#38
Carbon Tetrachloride
Concen: 6.426 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

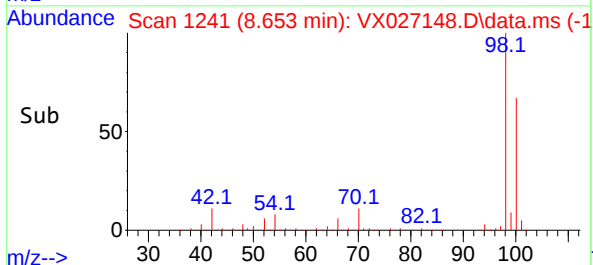
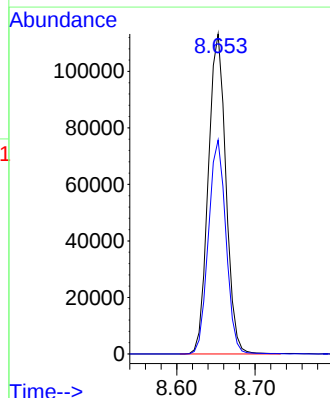
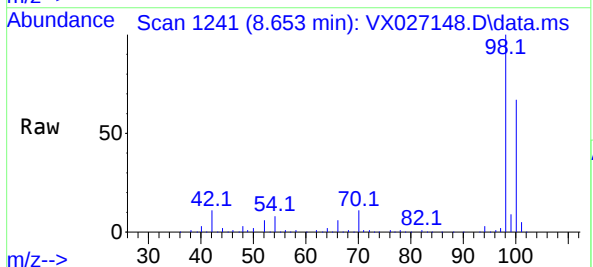
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

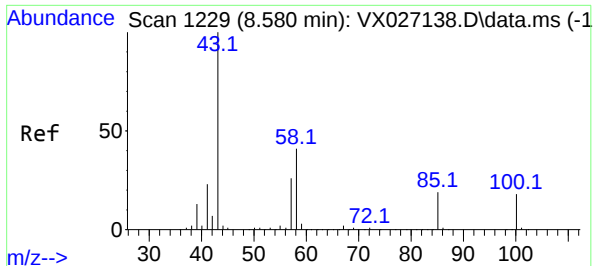
Tgt Ion:117 Resp: 9310
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.636 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

Tgt Ion: 98 Resp: 176662
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

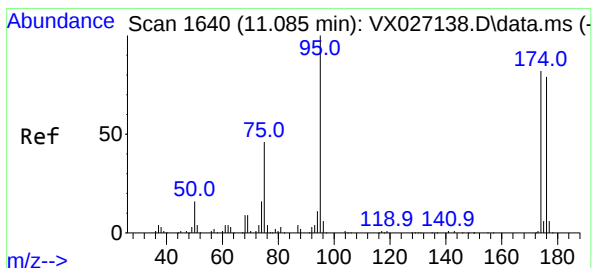
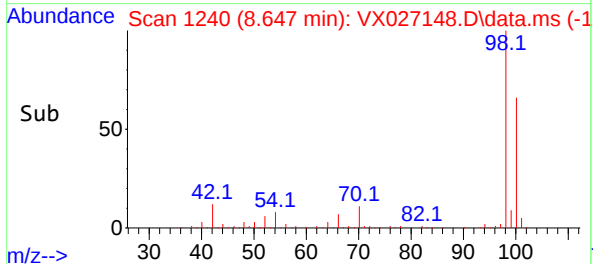
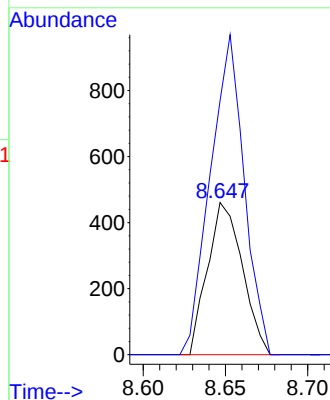
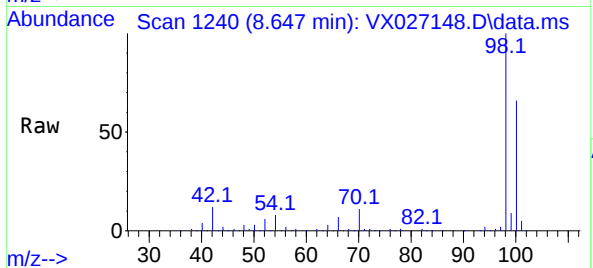




#51
4-Methyl-2-Pentanone
Concen: 0.445 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

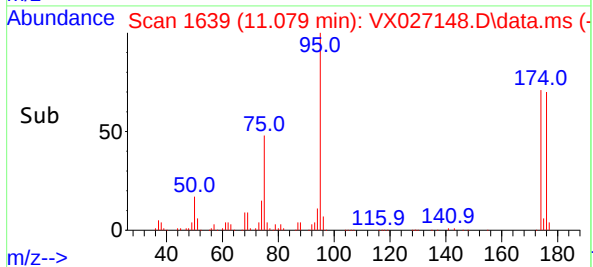
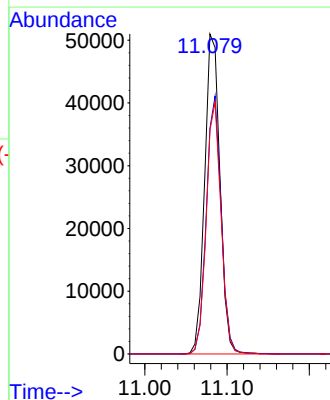
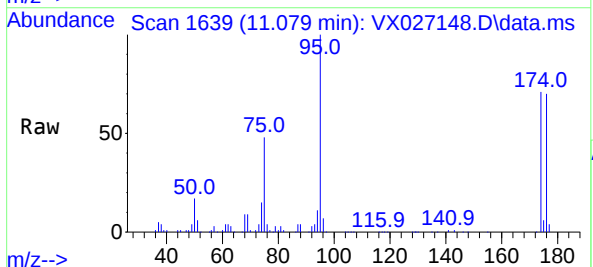
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

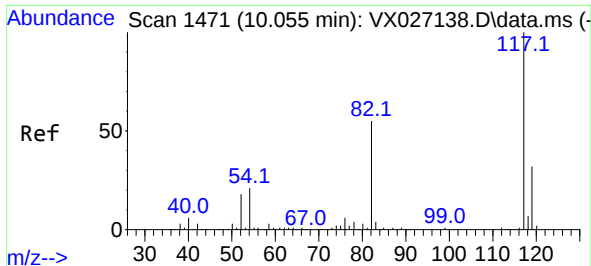
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
58 204.1 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 48.225 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

Tgt Ion: 95 Resp: 65885
Ion Ratio Lower Upper
95 100
174 78.7 0.0 148.6
176 76.0 0.0 141.4

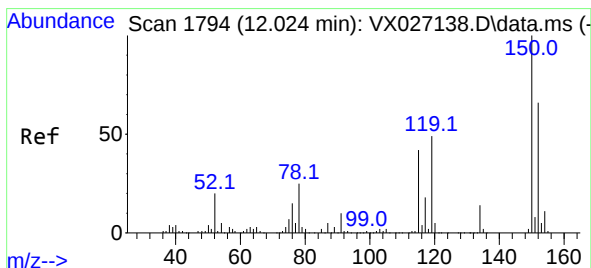
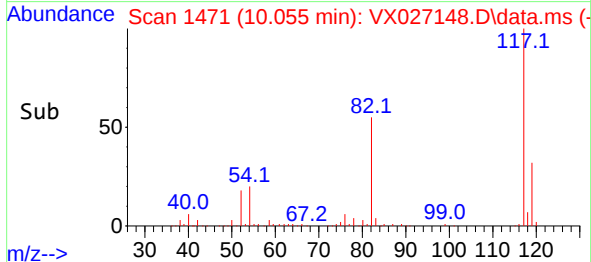
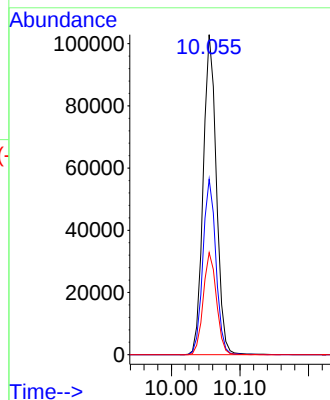
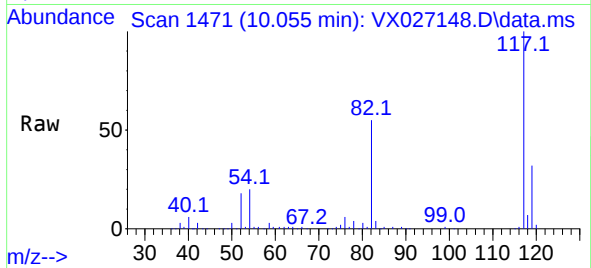




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

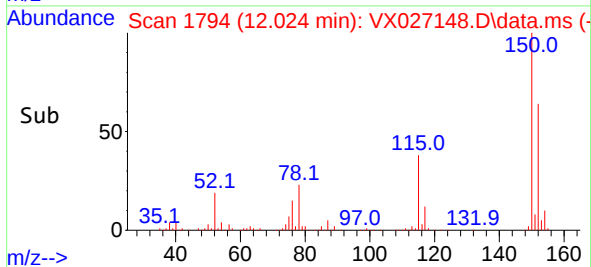
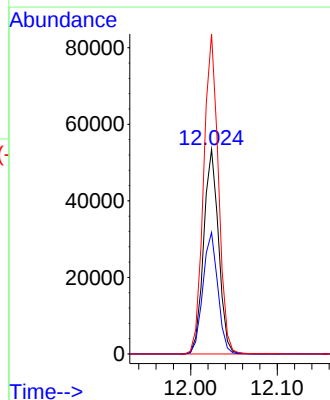
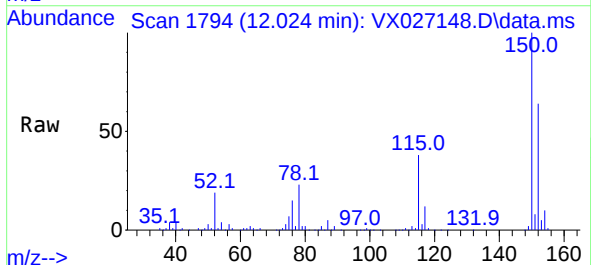
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

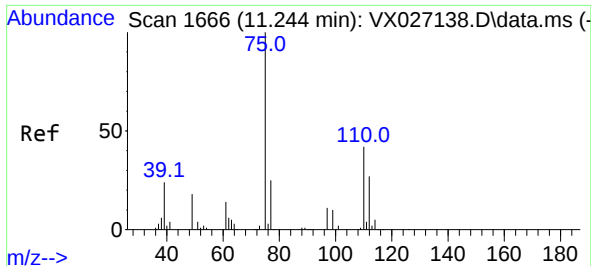
Tgt Ion:117 Resp: 137844
Ion Ratio Lower Upper
117 100
82 54.9 45.2 67.8
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

Tgt Ion:152 Resp: 63675
Ion Ratio Lower Upper
152 100
115 59.5 44.2 132.6
150 155.5 0.0 348.2

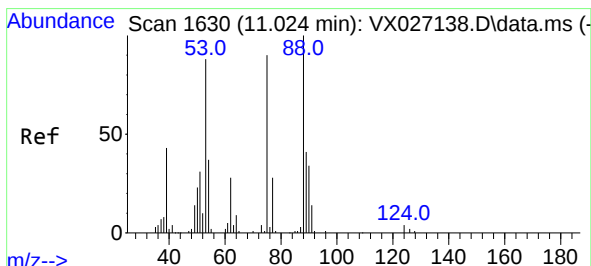
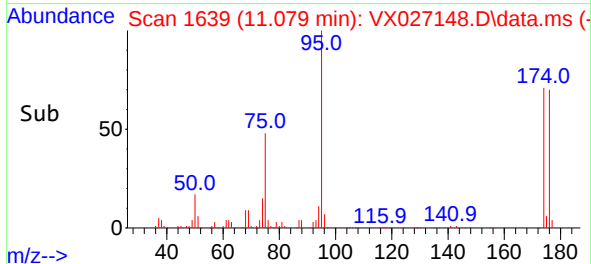
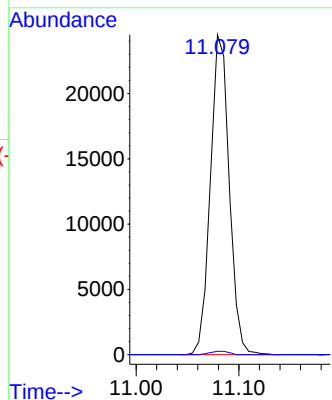
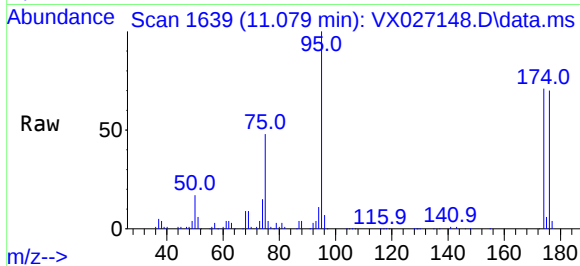




#76
1,2,3-Trichloropropane
Concen: 24.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

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

Tgt Ion: 75 Resp: 31150
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.928 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027148.D
Acq: 23 Feb 2022 16:11

Tgt Ion: 75 Resp: 31150
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

