

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027431.D
 Acq On : 14 Mar 2022 19:08
 Operator : JC/MD
 Sample : N1915-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 15 06:06:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

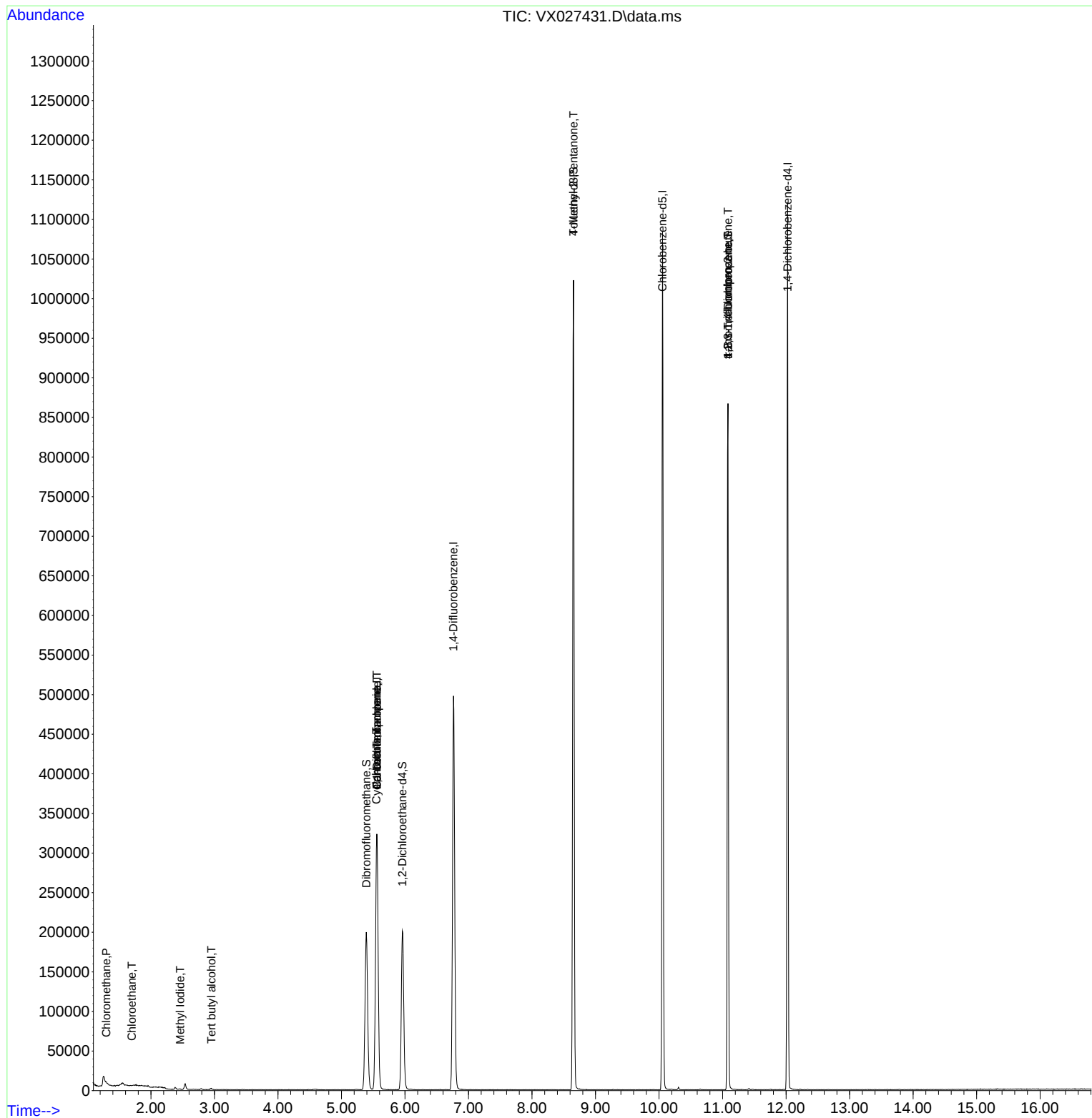
Internal Standards						
1) Pentafluorobenzene	5.556	168	311731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	513385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	227457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205229	56.455	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.920%
35) Dibromofluoromethane	5.391	113	173507	52.377	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.760%
50) Toluene-d8	8.653	98	615696	49.231	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.085	95	228956	48.034	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.060%
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	730	0.217	ug/l	89
5) Bromomethane	1.618	94	764	Below Cal	#	65
6) Chloroethane	1.697	64	448	0.655	ug/l #	43
10) Methyl Iodide	2.459	142	965	0.217	ug/l #	98
11) Tert butyl alcohol	2.953	59	1035	1.452	ug/l #	72
16) Acetone	2.380	43	2564	Below Cal	#	77
31) Cyclohexane	5.550	56	6154	1.210	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	23298	5.066	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32604	6.855	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2595	0.530	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	117482	23.541	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	117482	76.135	ug/l #	15

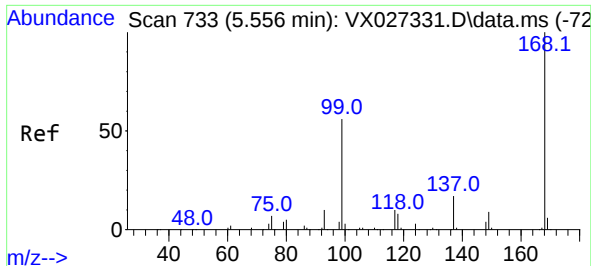
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
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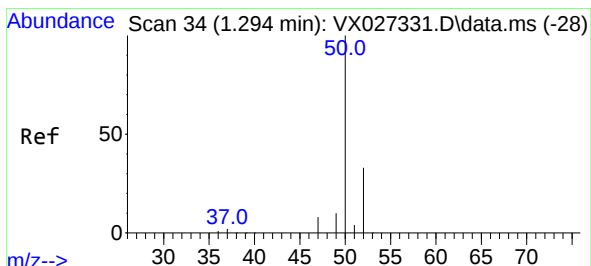
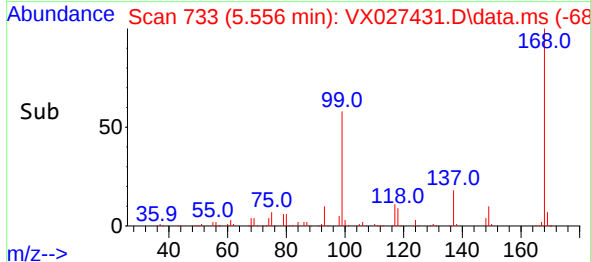
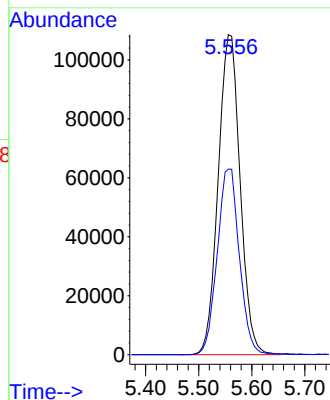
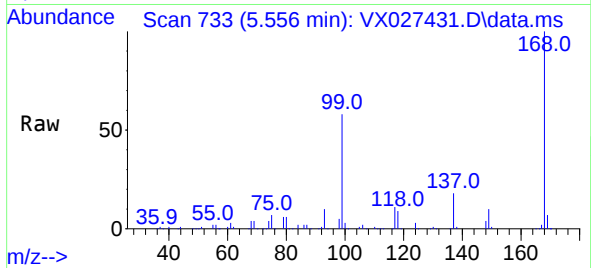




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

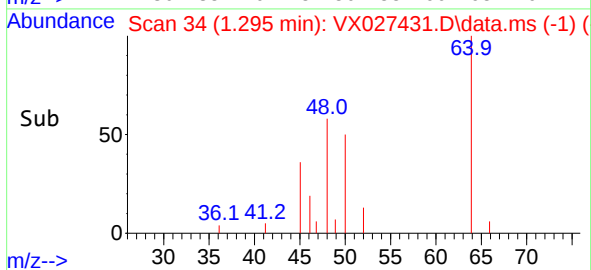
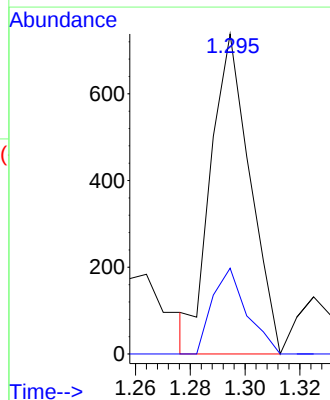
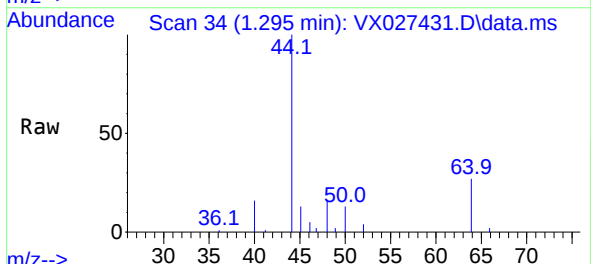
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 311731
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5

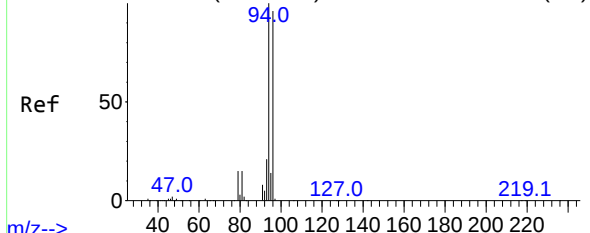


#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

Tgt Ion: 50 Resp: 730
Ion Ratio Lower Upper
50 100
52 26.8 26.4 39.6



Abundance Scan 84 (1.599 min): VX027331.D\data.ms (-74)



#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 81

Delta R.T. 0.019 min

Lab File: VX027431.D

Acq: 14 Mar 2022 19:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

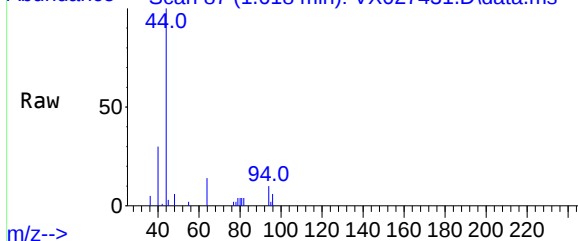
Tgt Ion: 94 Resp: 764

Ion Ratio Lower Upper

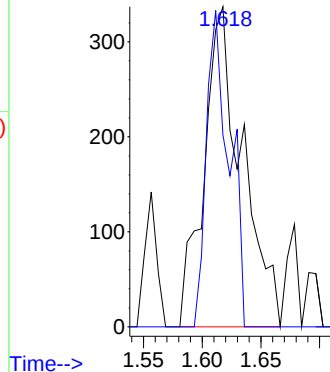
94 100

96 59.9 75.3 112.9#

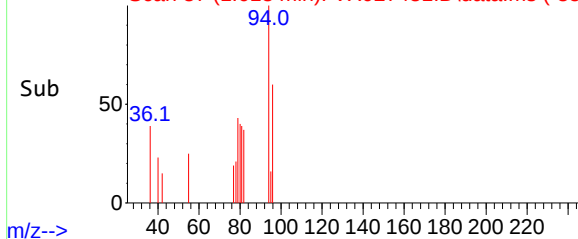
Abundance Scan 87 (1.618 min): VX027431.D\data.ms



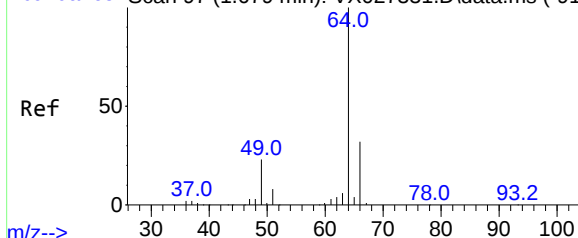
Abundance



Abundance Scan 87 (1.618 min): VX027431.D\data.ms (-35)



Abundance Scan 97 (1.679 min): VX027331.D\data.ms (-91)



#6

Chloroethane

Concen: 0.655 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.018 min

Lab File: VX027431.D

Acq: 14 Mar 2022 19:08

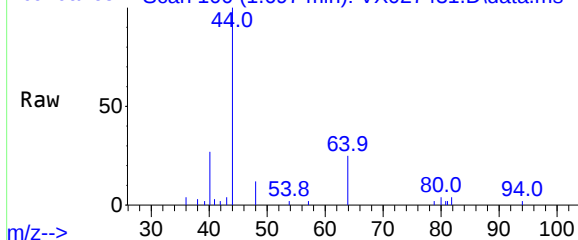
Tgt Ion: 64 Resp: 448

Ion Ratio Lower Upper

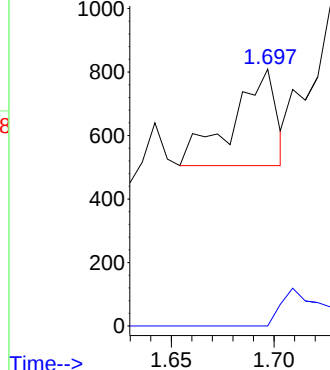
64 100

66 0.0 25.3 37.9#

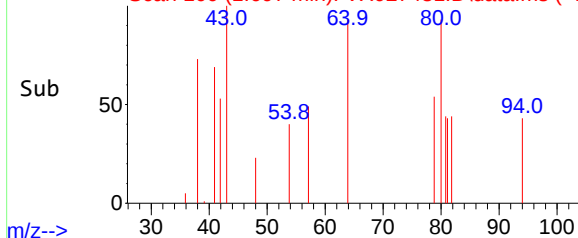
Abundance Scan 100 (1.697 min): VX027431.D\data.ms

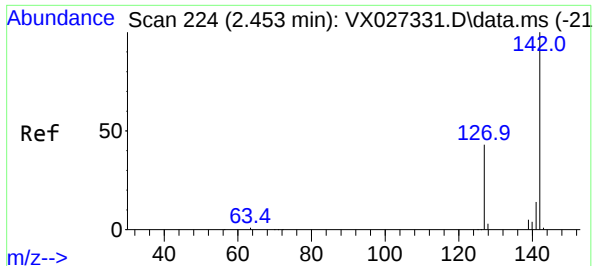


Abundance



Abundance Scan 100 (1.697 min): VX027431.D\data.ms (-48)

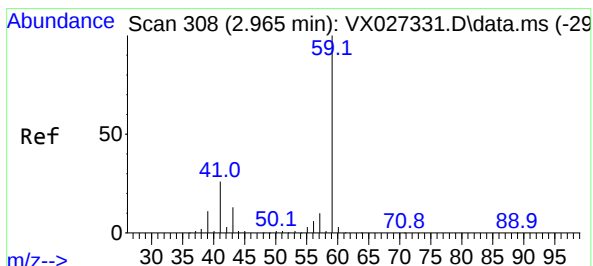
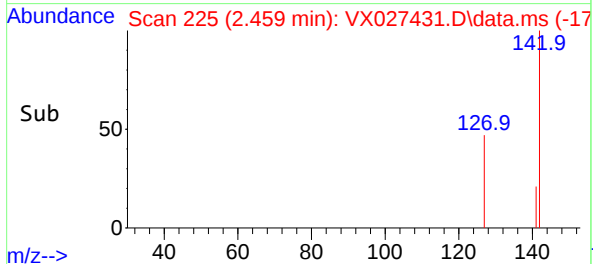
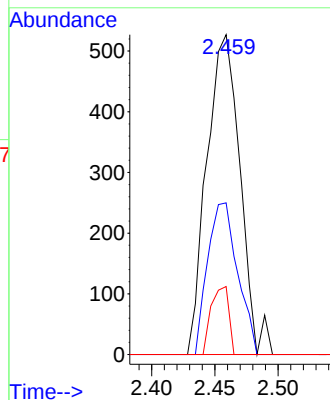
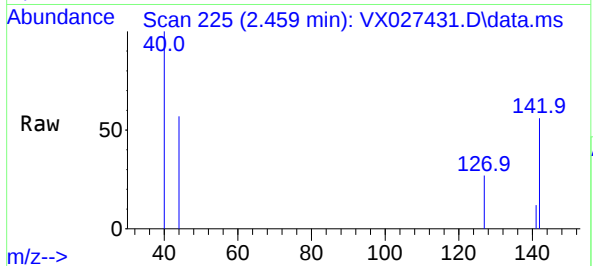




#10
Methyl Iodide
Concen: 0.217 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

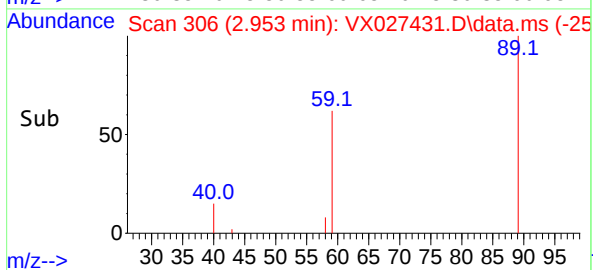
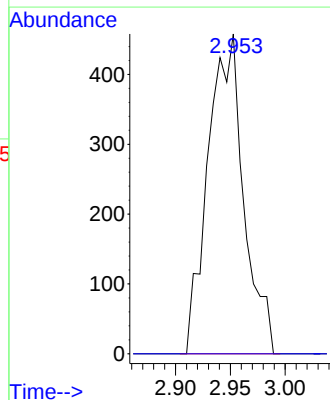
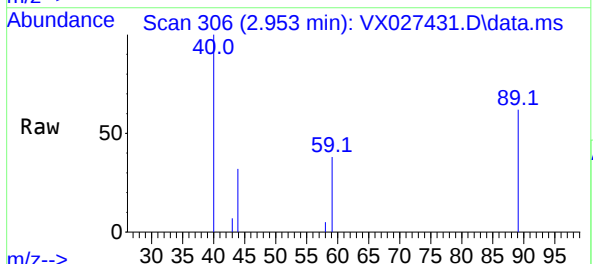
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

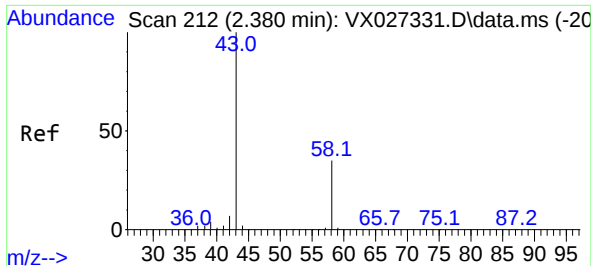
Tgt Ion:142 Resp: 965
Ion Ratio Lower Upper
142 100
127 42.7 33.9 50.9
141 11.3 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.452 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

Tgt Ion: 59 Resp: 1035
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

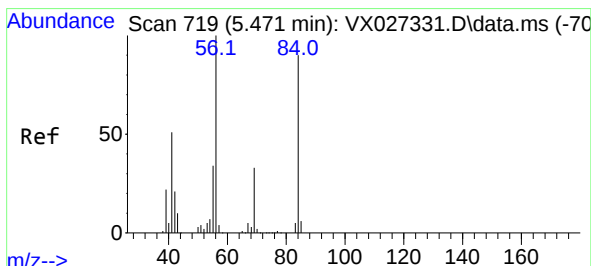
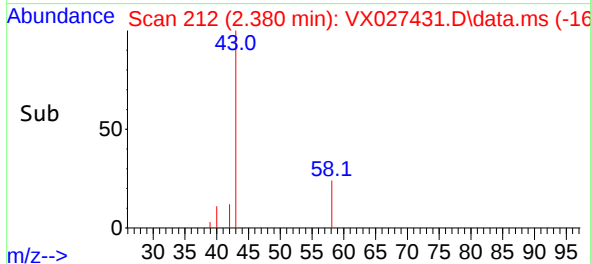
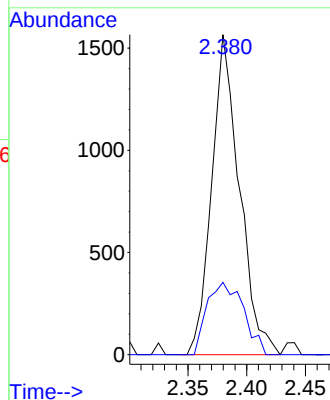
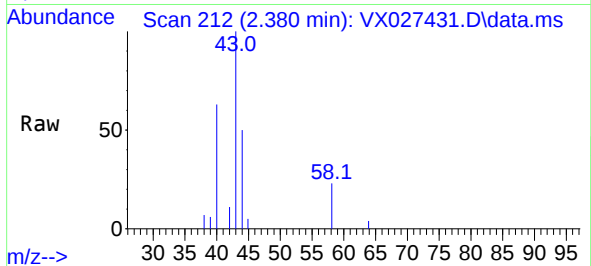




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

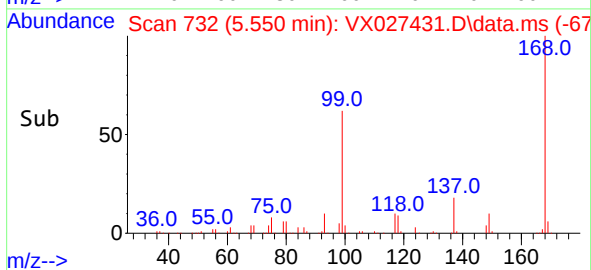
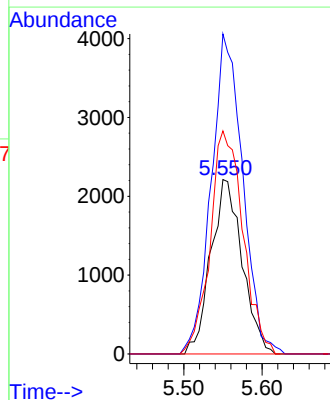
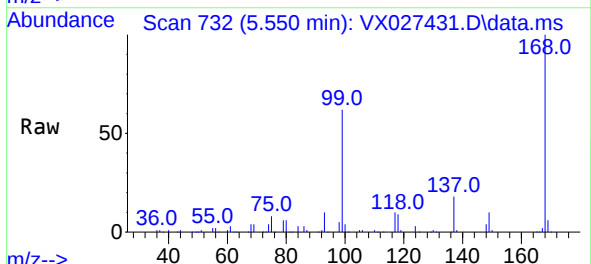
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

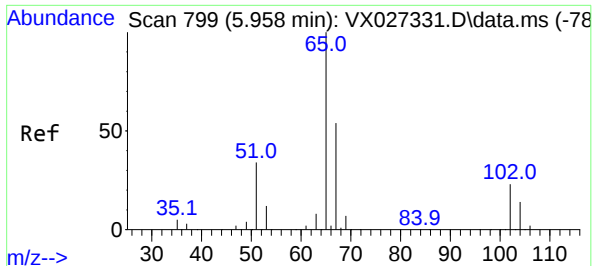
Tgt Ion: 43 Resp: 2564
Ion Ratio Lower Upper
43 100
58 22.6 28.8 43.2#



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

Tgt Ion: 56 Resp: 6154
Ion Ratio Lower Upper
56 100
69 183.5 26.7 40.1#
84 127.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 56.455 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027431.D

Acq: 14 Mar 2022 19:08

Instrument :

MSVOA_X

ClientSampleId :

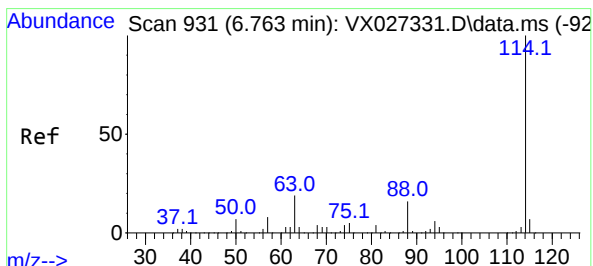
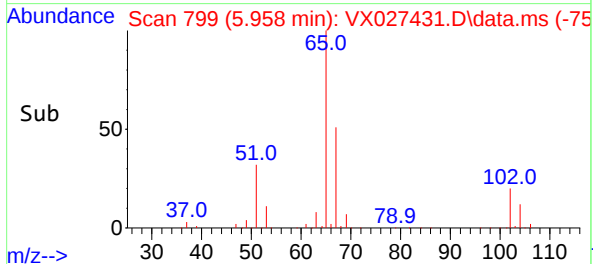
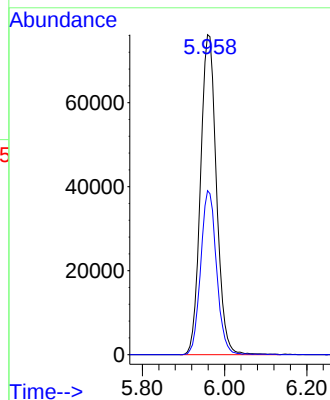
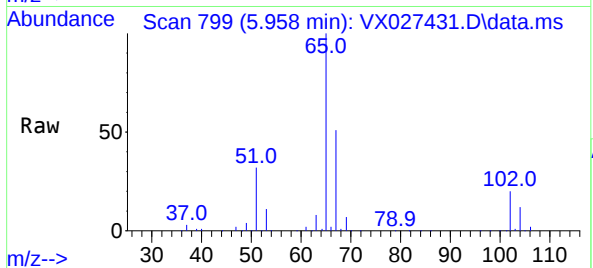
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 205229

Ion Ratio Lower Upper

65 100

67 50.8 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: VX027431.D

Acq: 14 Mar 2022 19:08

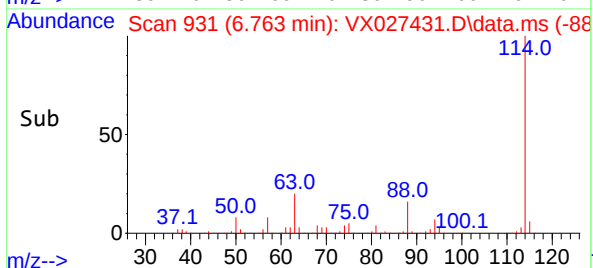
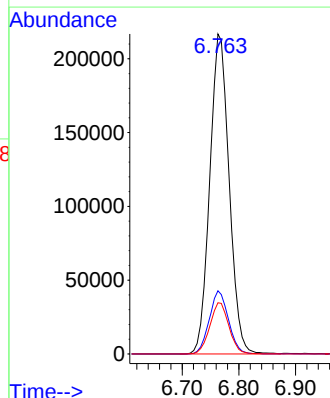
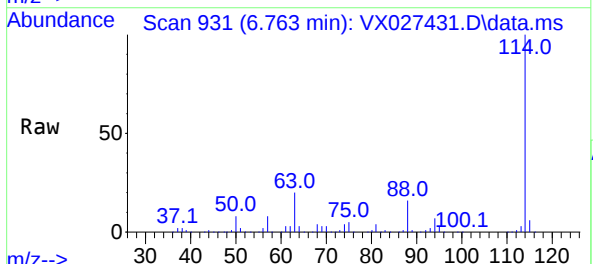
Tgt Ion: 114 Resp: 513385

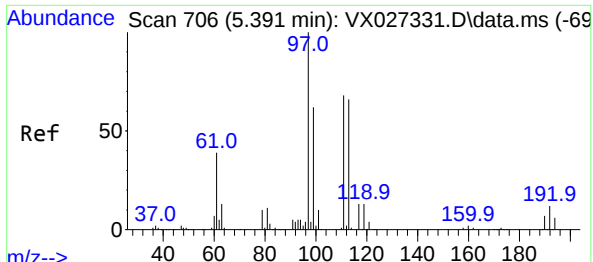
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 16.0 0.0 32.4



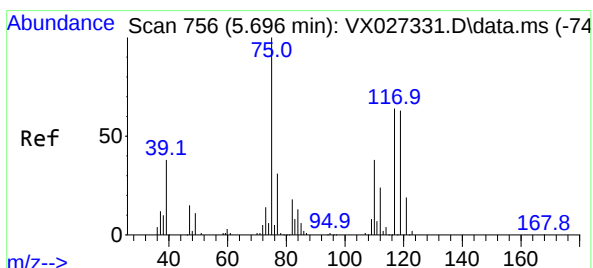
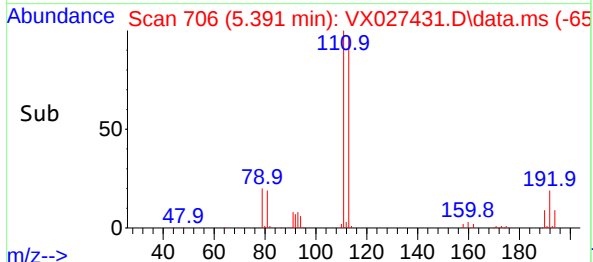
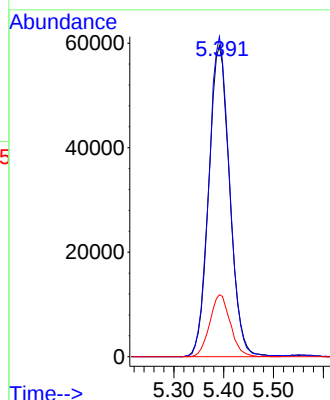
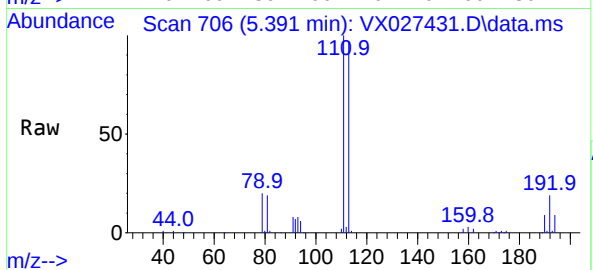


#35
Dibromofluoromethane
Concen: 52.377 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

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

Tgt Ion:113 Resp: 173507

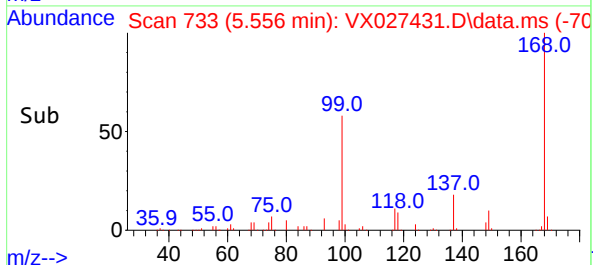
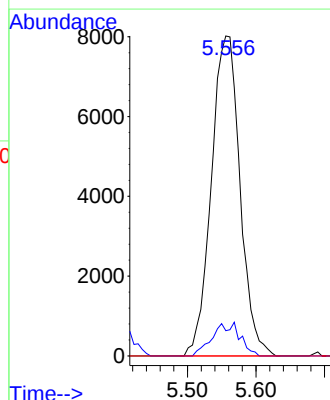
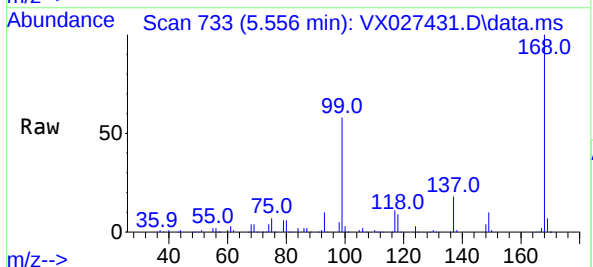
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.8	124.2
192	19.5	16.9	25.3

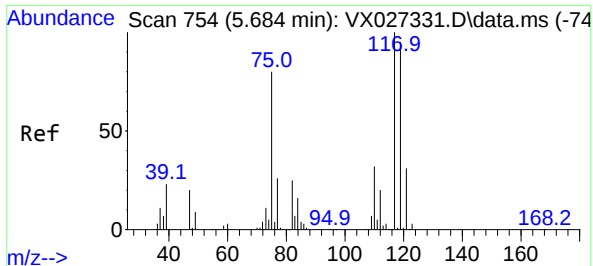


#36
1,1-Dichloropropene
Concen: 5.066 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

Tgt Ion: 75 Resp: 23298

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.3	54.8#
77	0.0	24.8	37.2#

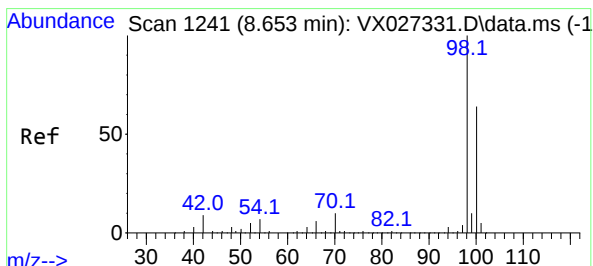
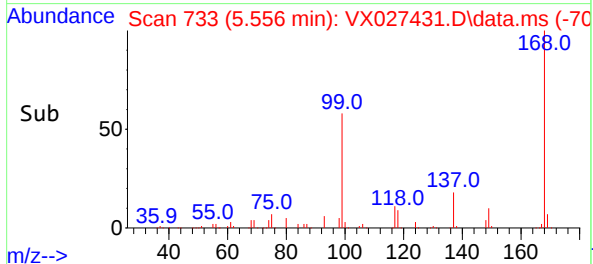
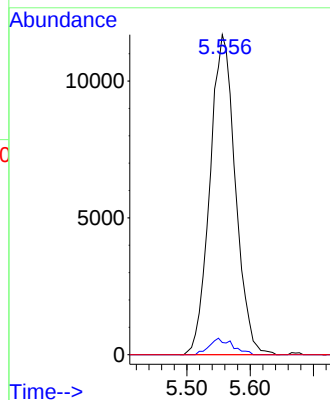
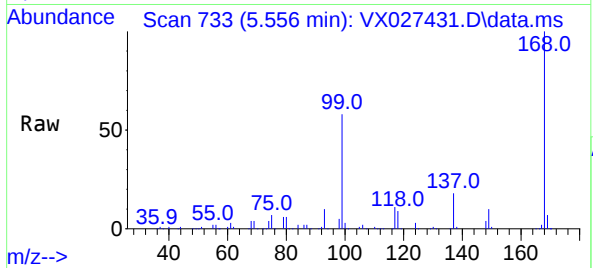




#38
Carbon Tetrachloride
Concen: 6.855 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

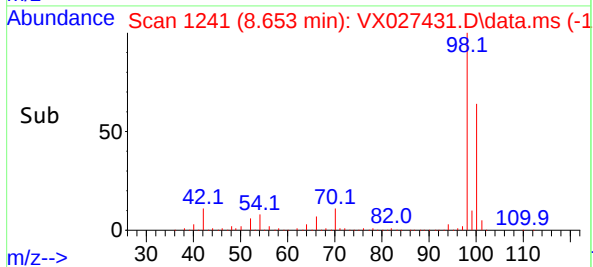
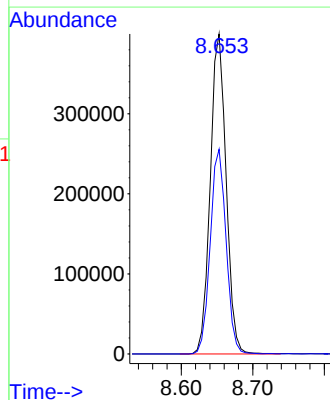
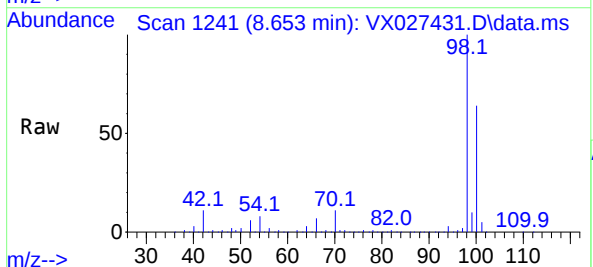
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

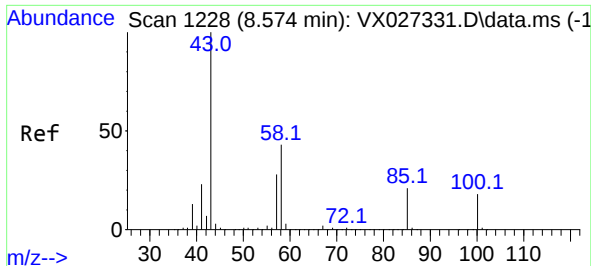
Tgt Ion:117 Resp: 32604
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.231 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

Tgt Ion: 98 Resp: 615696
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.530 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX027431.D

Acq: 14 Mar 2022 19:08

Instrument :

MSVOA_X

ClientSampleId :

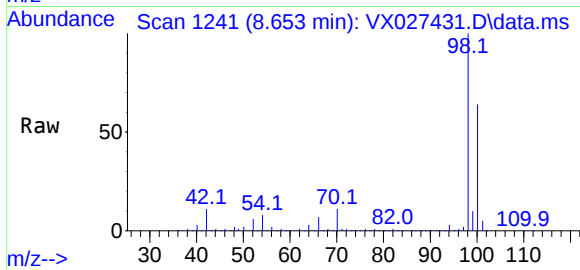
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 2595

Ion Ratio Lower Upper

43 100

58 185.9 36.1 54.1#



Abundance

2500

2000

1500

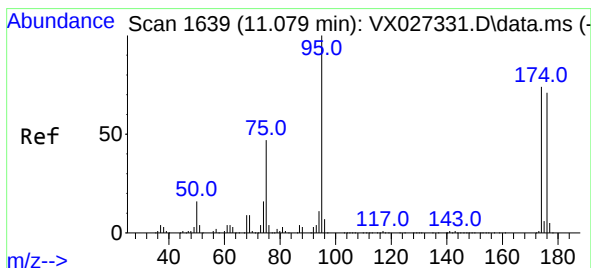
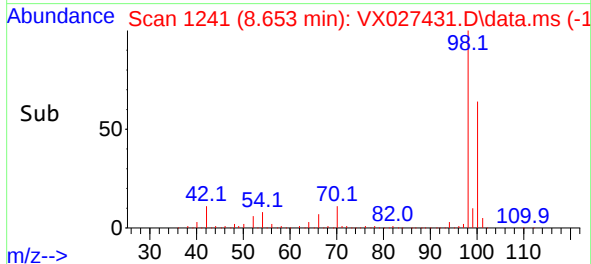
1000

500

0

Time-->

8.653



#62

4-Bromofluorobenzene

Concen: 48.034 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX027431.D

Acq: 14 Mar 2022 19:08

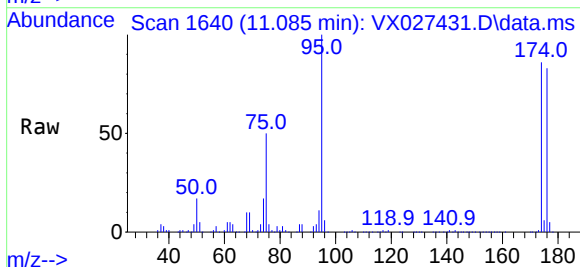
Tgt Ion: 95 Resp: 228956

Ion Ratio Lower Upper

95 100

174 81.9 0.0 163.0

176 78.9 0.0 155.0



Abundance

150000

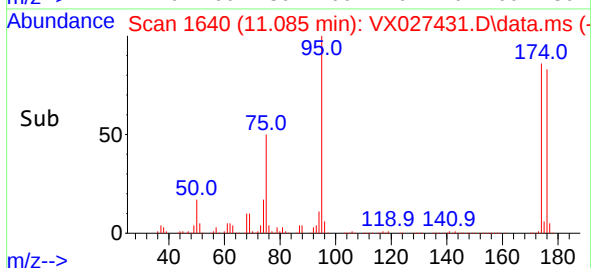
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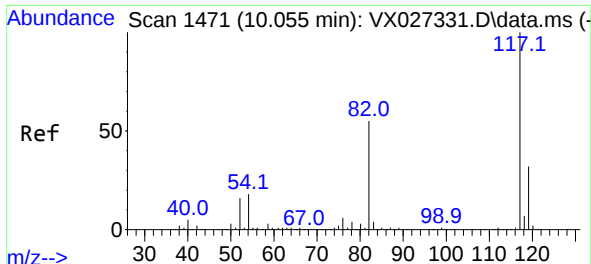
50000

0

Time-->

11.085

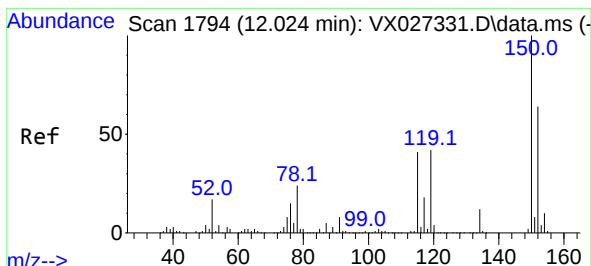
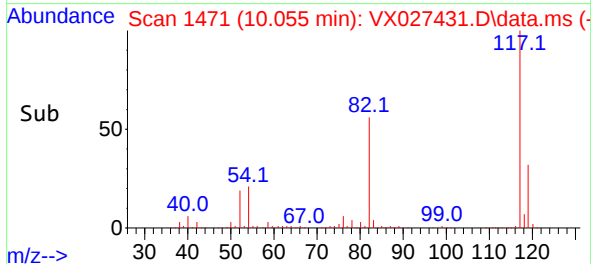
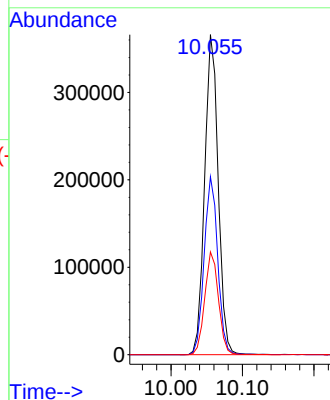
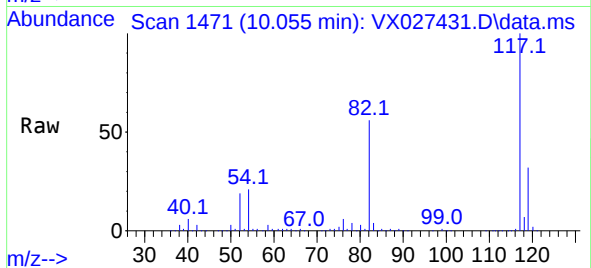




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

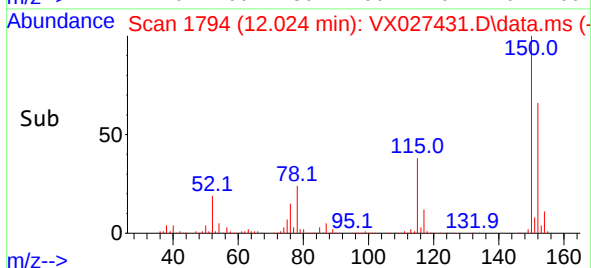
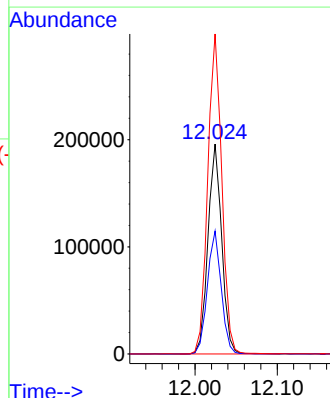
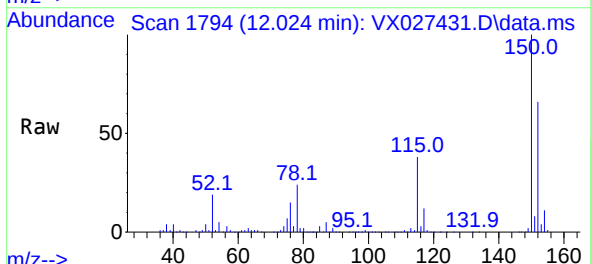
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

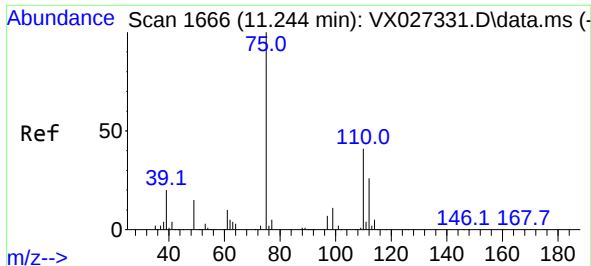
Tgt Ion:117 Resp: 482275
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

Tgt Ion:152 Resp: 227457
Ion Ratio Lower Upper
152 100
115 59.1 37.5 112.7
150 156.0 0.0 338.2

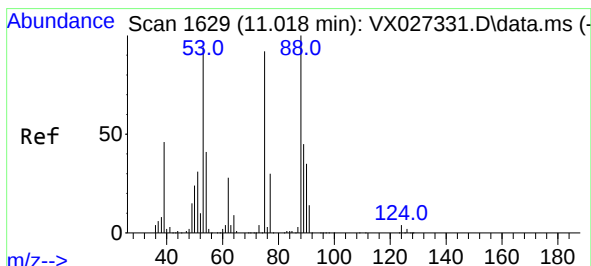
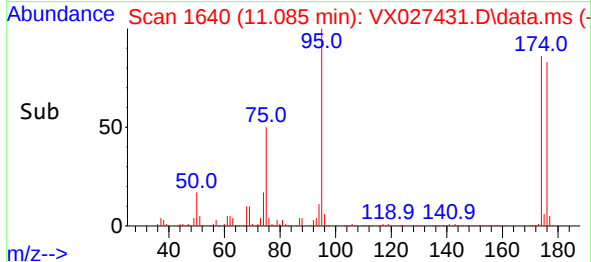
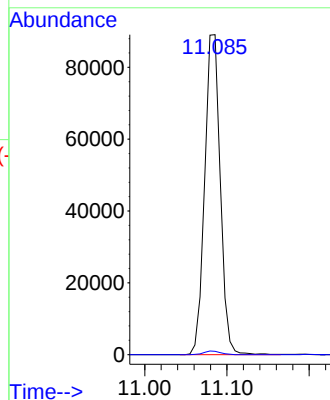
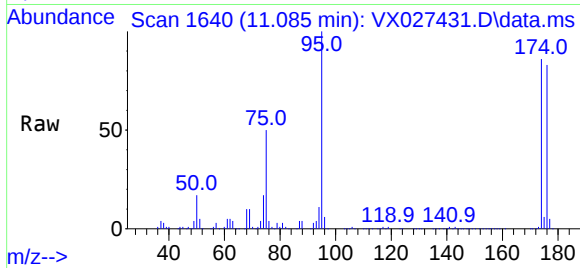




#76
1,2,3-Trichloropropane
Concen: 23.541 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

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

Tgt Ion: 75 Resp: 117482
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.135 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027431.D
Acq: 14 Mar 2022 19:08

Tgt Ion: 75 Resp: 117482
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

