

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021968.D
 Acq On : 13 May 2021 15:34
 Operator : JC/MD
 Sample : M2401-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

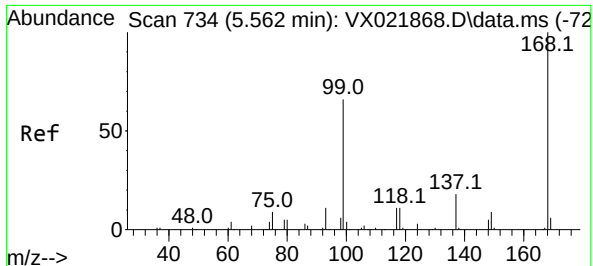
Instrument :
 MSVOA_X
 ClientSampleId :
 WWTP-001

Quant Time: May 14 04:37:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	82138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	180249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69034	51.07	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.14%			
35) Dibromofluoromethane	5.397	113	60875	49.28	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.56%			
50) Toluene-d8	8.653	98	240898	51.10	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.20%			
62) 4-Bromofluorobenzene	11.085	95	102957	55.34	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.68%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	290	0.53	ug/l #	63
11) Tert butyl alcohol	2.953	59	1443	4.00	ug/l #	91
13) Acrolein	2.239	56	20	Below Cal	#	1
16) Acetone	2.380	43	9264	15.28	ug/l	94
20) Methylene Chloride	2.800	84	539	0.58	ug/l #	86
25) 2-Butanone	4.568	43	853	0.82	ug/l #	87
36) 1,1-Dichloropropene	5.562	75	7442	3.90	ug/l #	49
38) Carbon Tetrachloride	5.562	117	9560	5.00	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	1742	0.72	ug/l #	79
59) 2-Hexanone	9.244	43	2303	1.23	ug/l	64
76) 1,2,3-Trichloropropane	11.085	75	51737	21.74	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51737	50.44	ug/l #	12

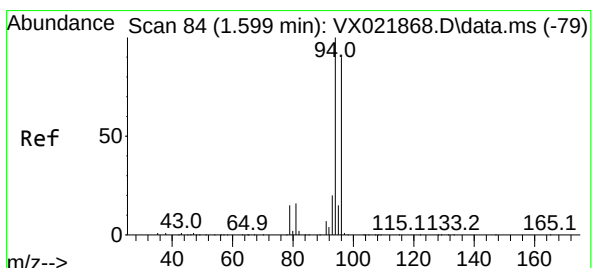
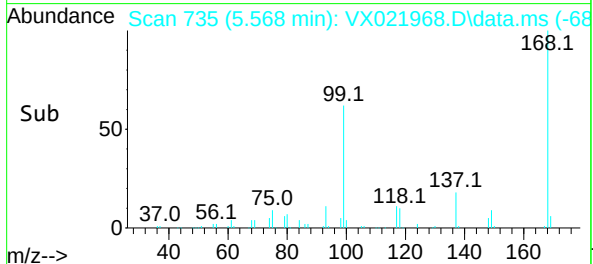
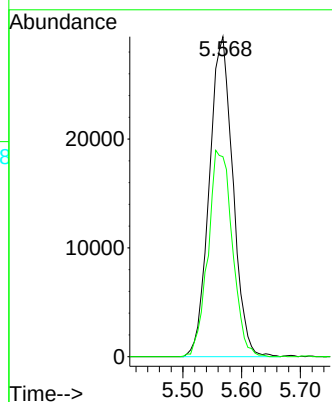
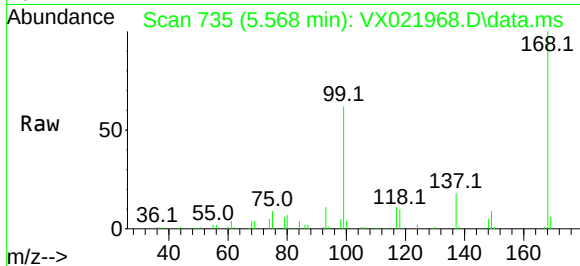
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

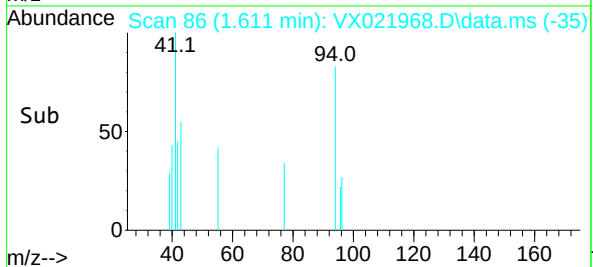
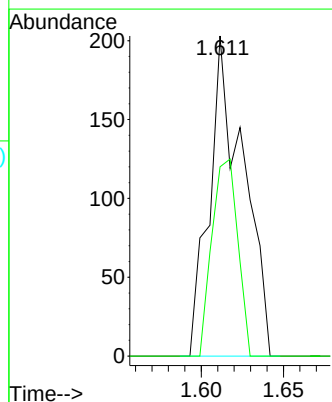
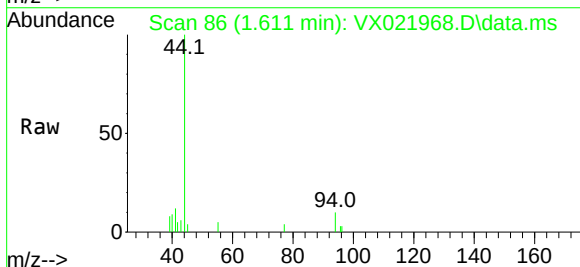
Instrument :
MSVOA_X
ClientSampleId :
WWTP-001

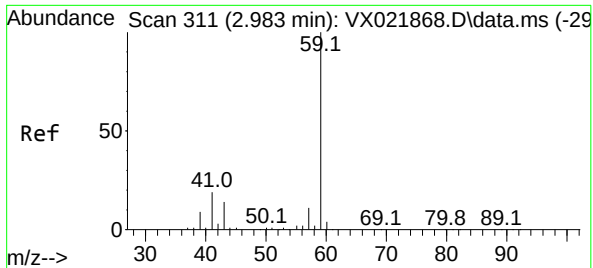
Tgt Ion:168 Resp: 82138
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6



#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 59.1 76.4 114.6#



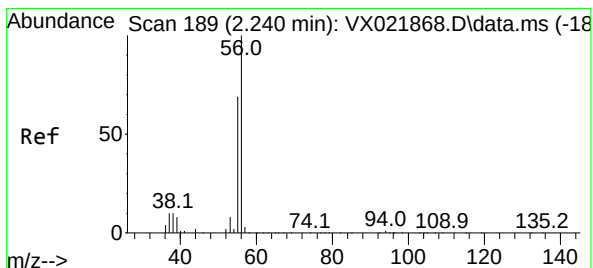
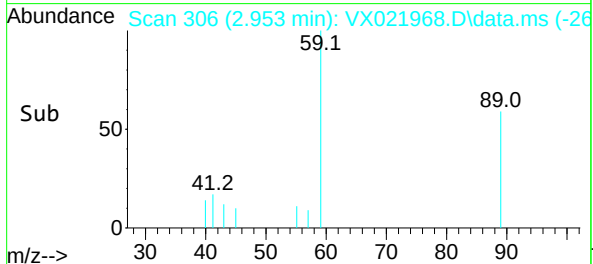
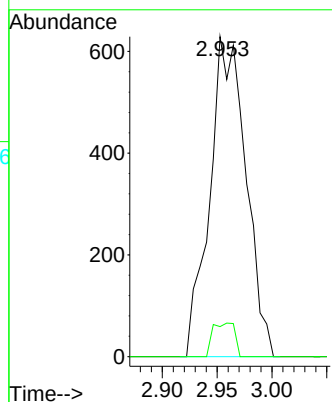
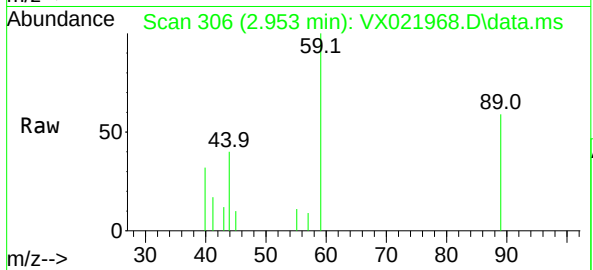


#11

Tert butyl alcohol
Concen: 4.00 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

Instrument :
MSVOA_X
ClientSampleId :
WWTP-001

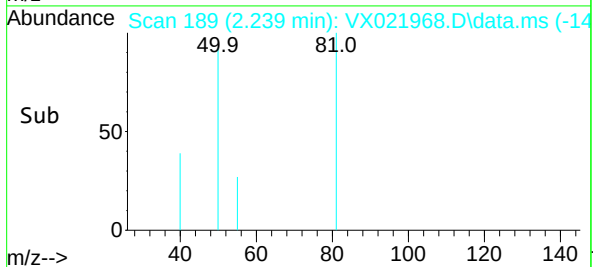
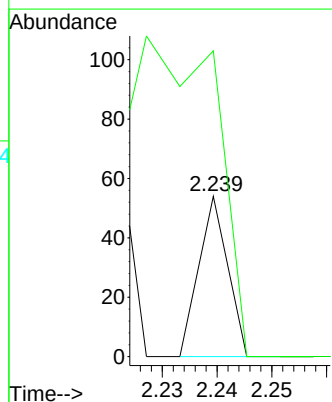
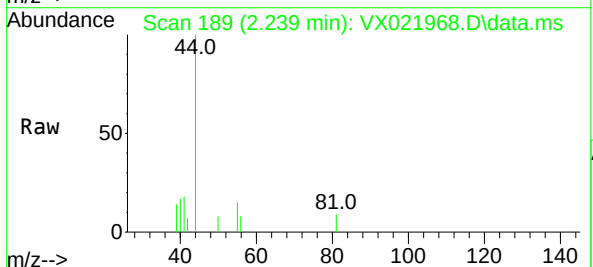
Tgt Ion: 59 Resp: 1443
Ion Ratio Lower Upper
59 100
57 6.4 7.8 11.8#

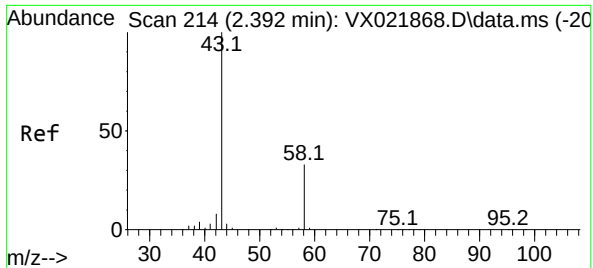


#13

Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 550.0 56.4 84.6#

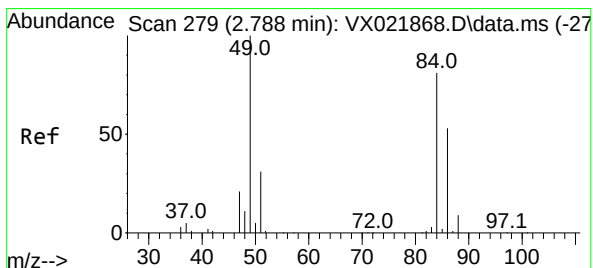
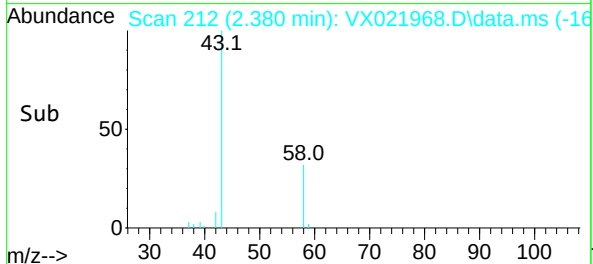
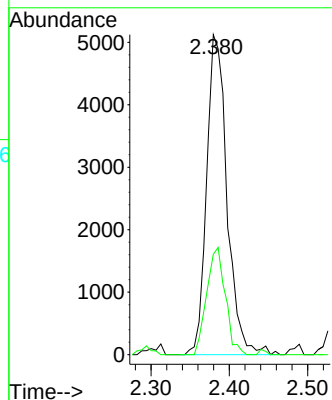
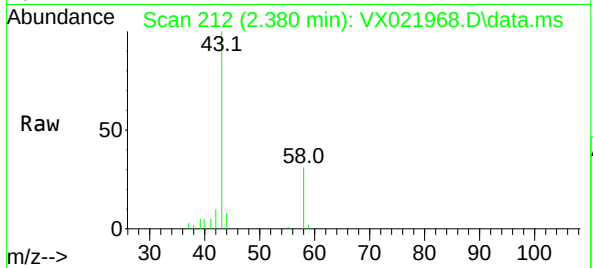




#16
Acetone
Concen: 15.28 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

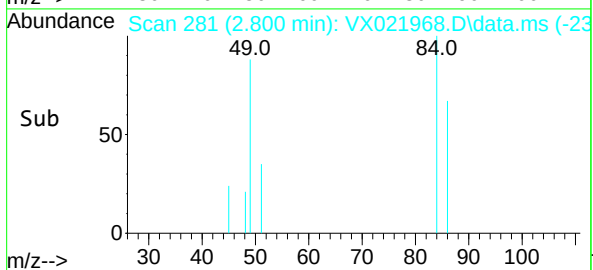
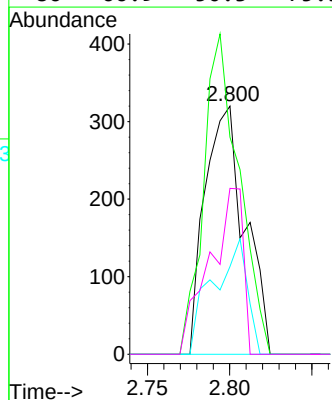
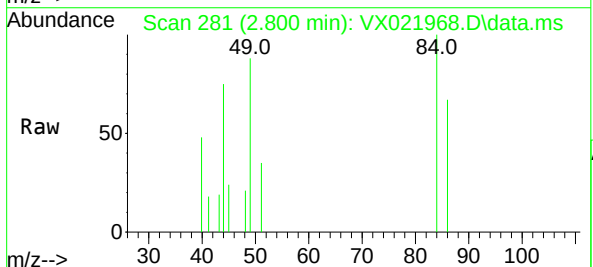
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MSVOA_X
ClientSampleId :
WWTP-001

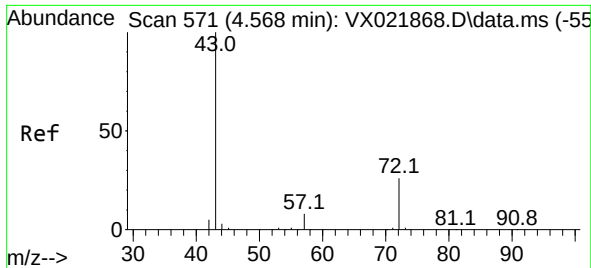
Tgt Ion: 43 Resp: 9264
Ion Ratio Lower Upper
43 100
58 31.4 27.8 41.8



#20
Methylene Chloride
Concen: 0.58 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

Tgt Ion: 84 Resp: 539
Ion Ratio Lower Upper
84 100
49 87.5 88.6 132.8#
51 35.3 27.0 40.6
86 66.9 50.3 75.5

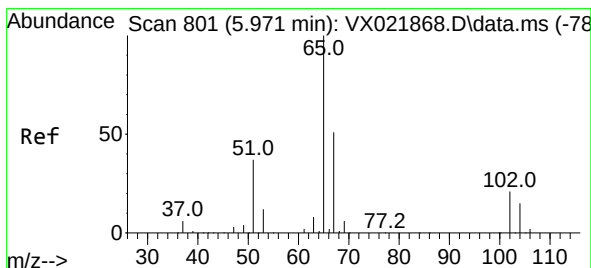
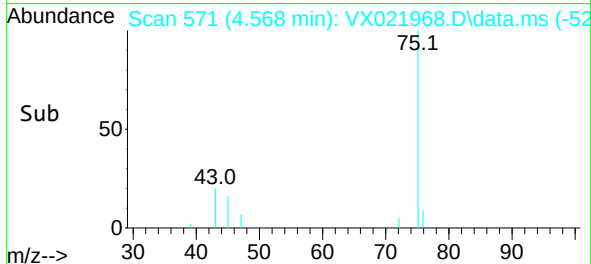
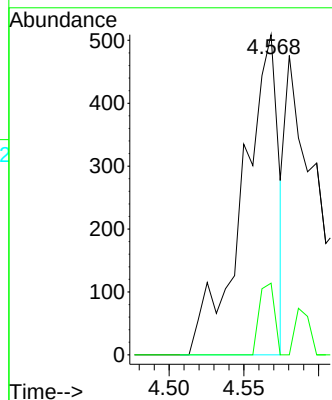
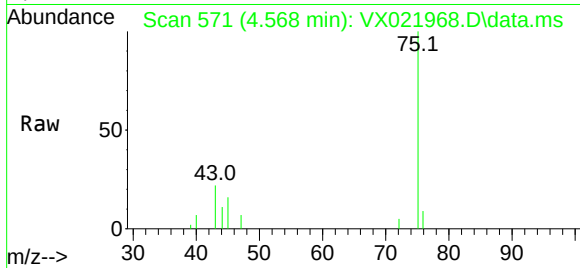




#25
2-Butanone
Concen: 0.82 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

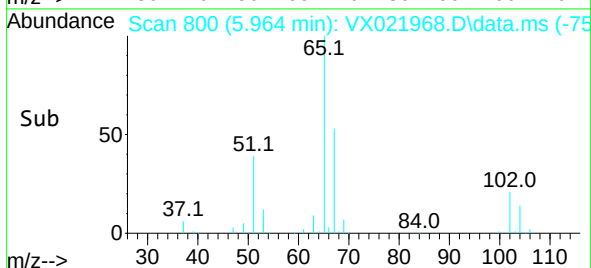
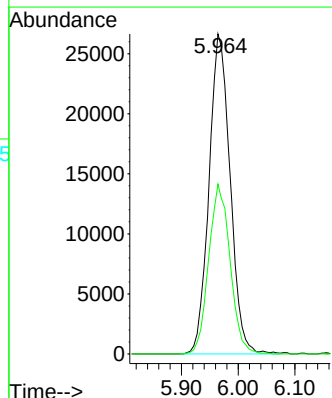
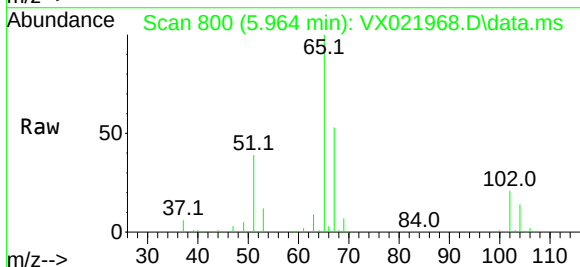
Instrument :
MSVOA_X
ClientSampleId :
WWTP-001

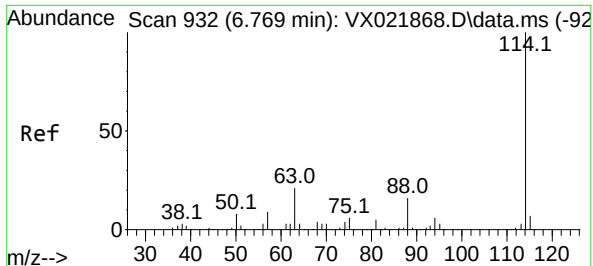
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
72 22.4 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 51.07 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

Tgt Ion: 65 Resp: 69034
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

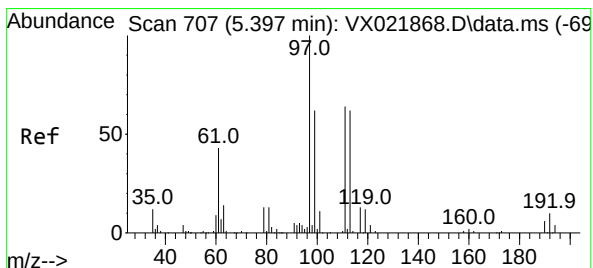
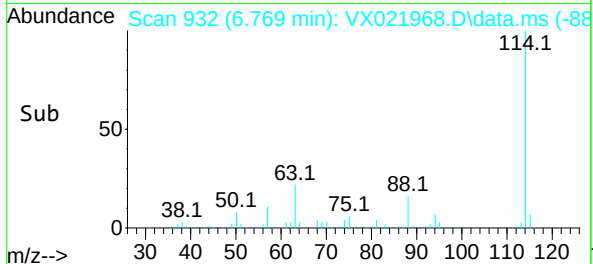
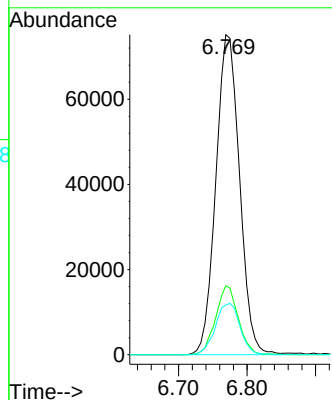
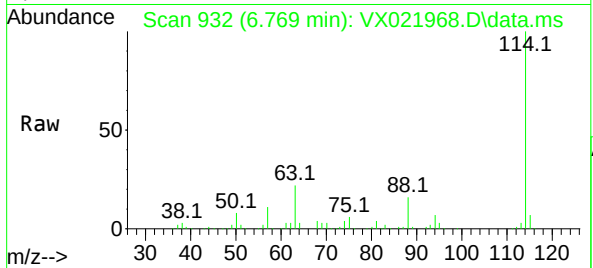




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

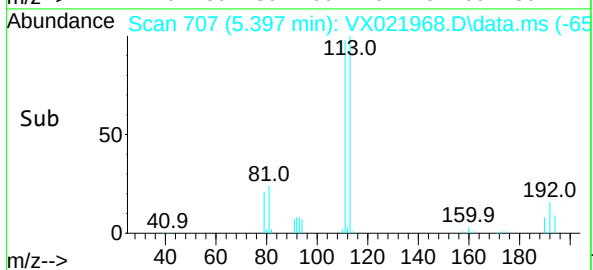
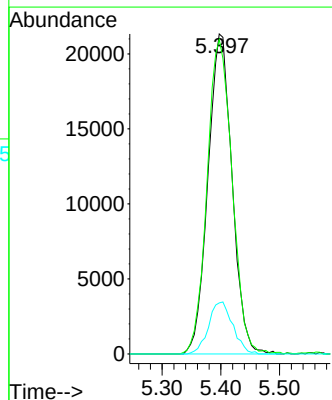
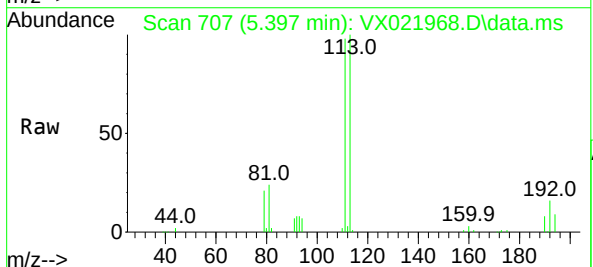
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MSVOA_X
ClientSampleId :
WWTP-001

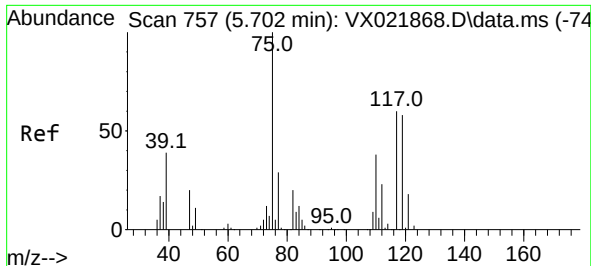
Tgt Ion:114 Resp: 180249
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.28 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

Tgt Ion:113 Resp: 60875
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 16.3 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 3.90 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX021968.D

Acq: 13 May 2021 15:34

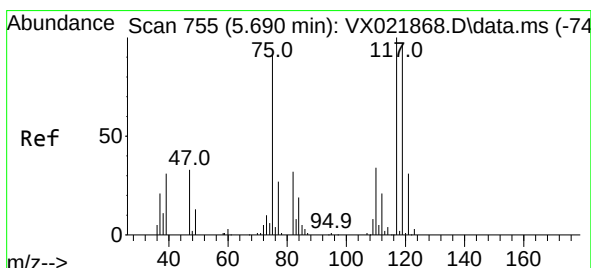
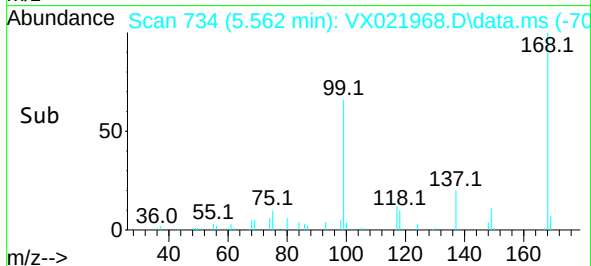
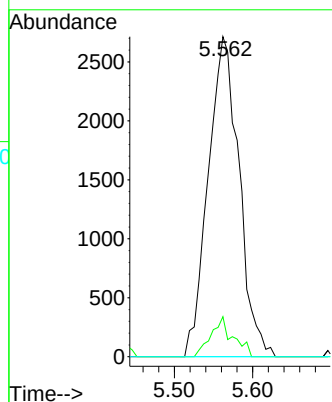
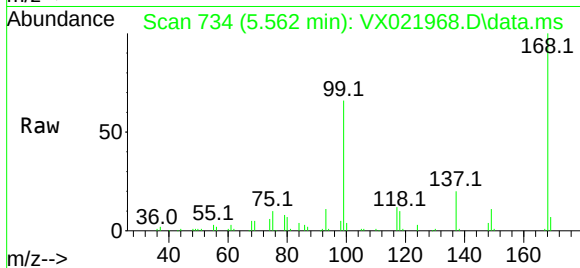
Instrument :

MSVOA_X

ClientSampleId :

WWTP-001

Tgt Ion:	75	Resp:	7442
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 5.00 ug/l

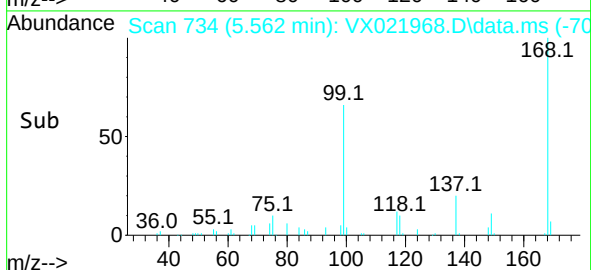
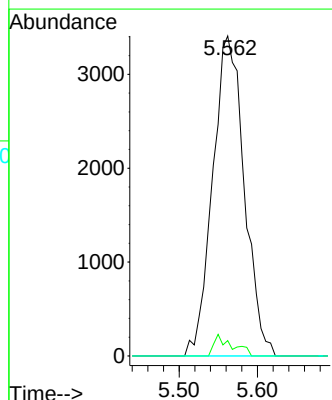
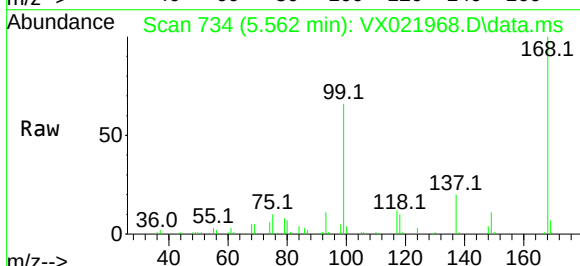
RT: 5.562 min Scan# 734

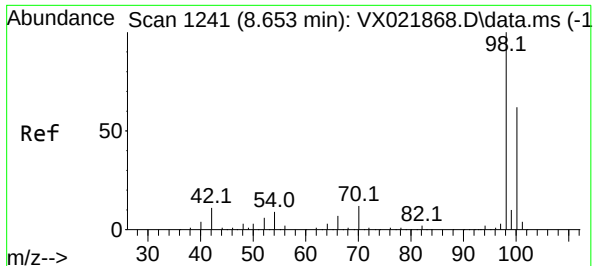
Delta R.T. -0.128 min

Lab File: VX021968.D

Acq: 13 May 2021 15:34

Tgt Ion:	117	Resp:	9560
Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.2	114.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 51.10 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX021968.D

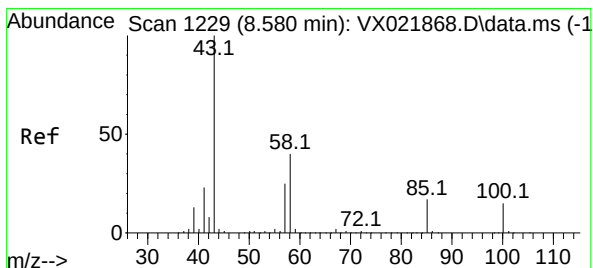
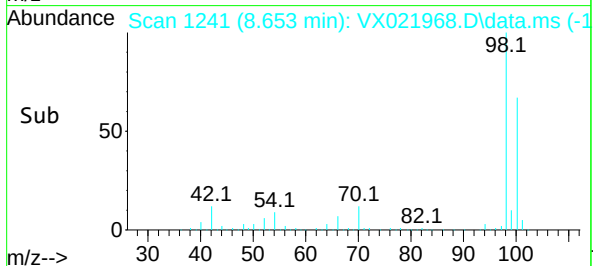
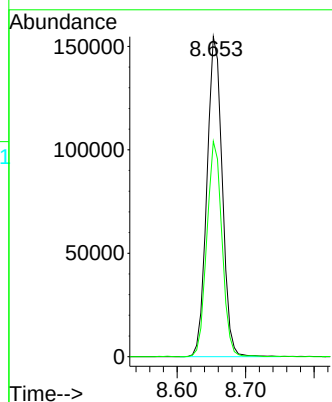
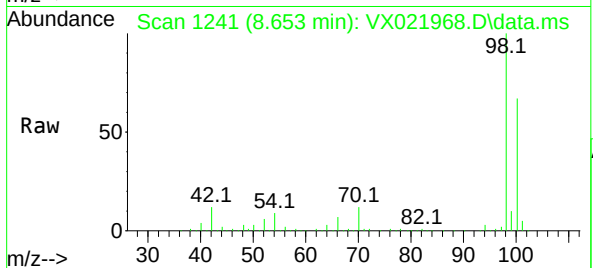
Acq: 13 May 2021 15:34

Tgt Ion: 98 Resp: 240898

Ion Ratio Lower Upper

98 100

100 66.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.72 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX021968.D

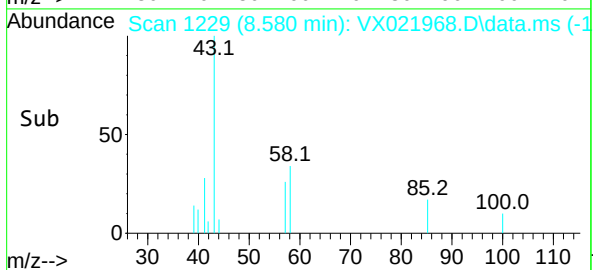
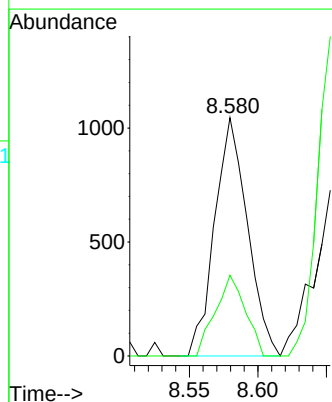
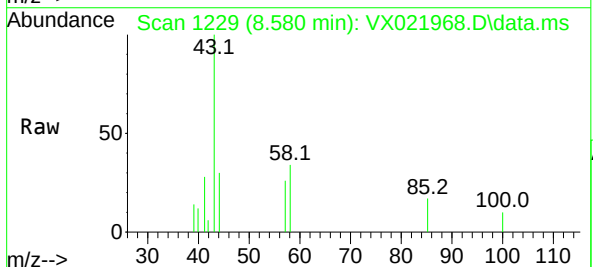
Acq: 13 May 2021 15:34

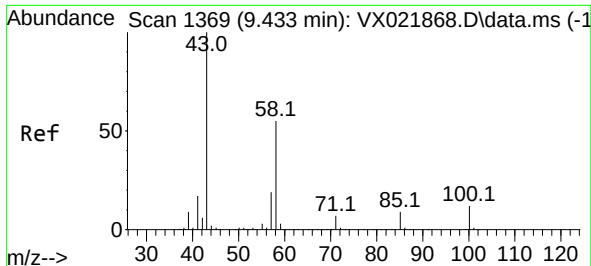
Tgt Ion: 43 Resp: 1742

Ion Ratio Lower Upper

43 100

58 30.9 35.4 53.0#

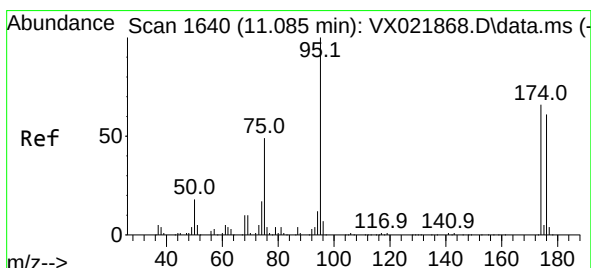
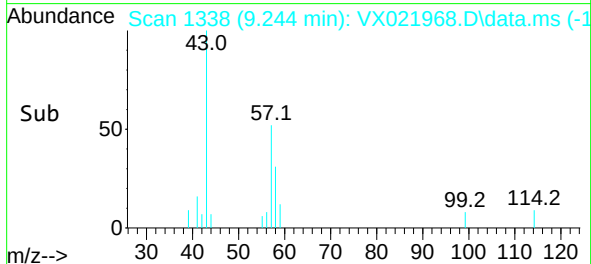
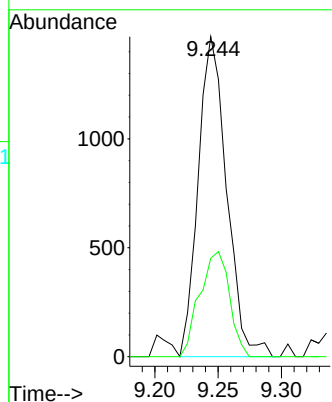
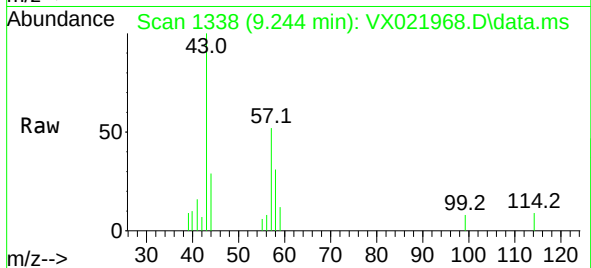




#59
2-Hexanone
Concen: 1.23 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. -0.189 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

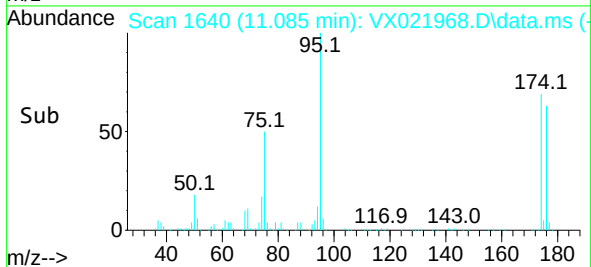
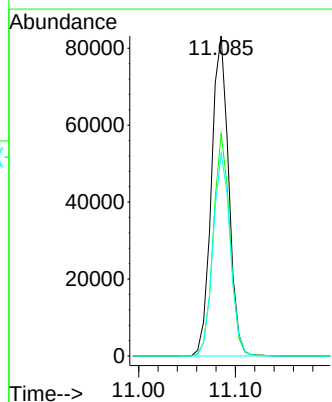
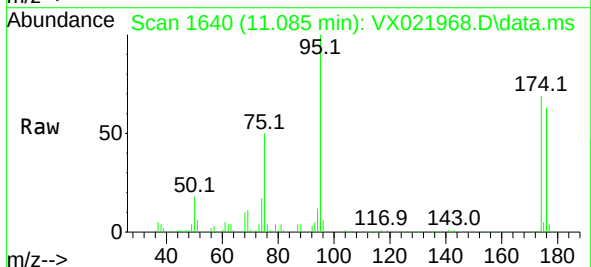
Instrument :
MSVOA_X
ClientSampleId :
WWTP-001

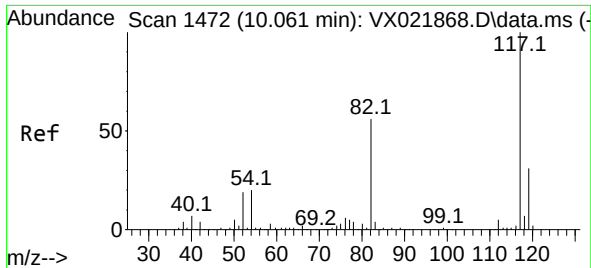
Tgt Ion: 43 Resp: 2303
Ion Ratio Lower Upper
43 100
58 34.2 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 55.34 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

Tgt Ion: 95 Resp: 102957
Ion Ratio Lower Upper
95 100
174 67.0 0.0 154.6
176 63.5 0.0 155.8

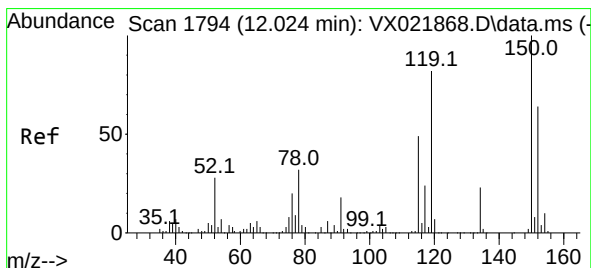
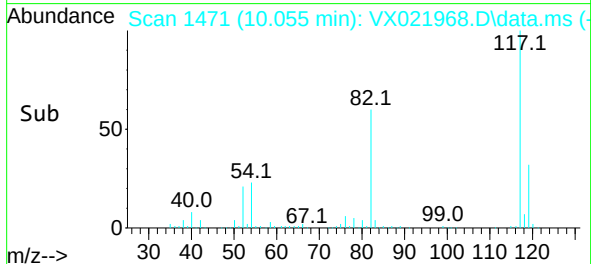
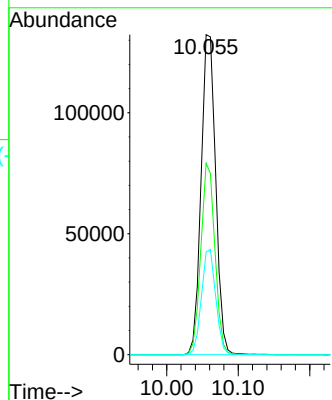
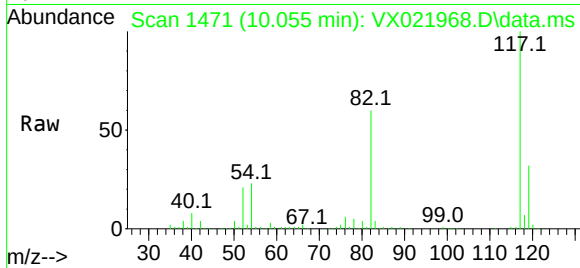




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

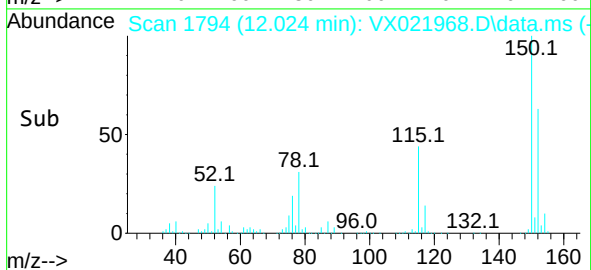
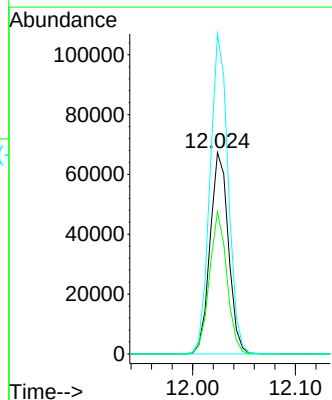
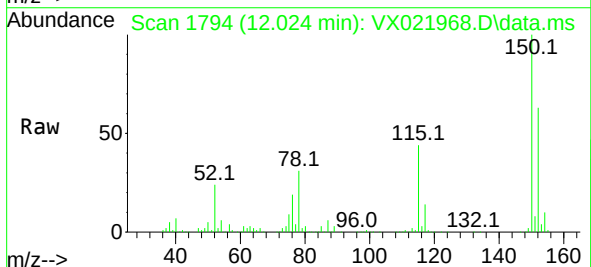
Instrument :
MSVOA_X
ClientSampleId :
WWTP-001

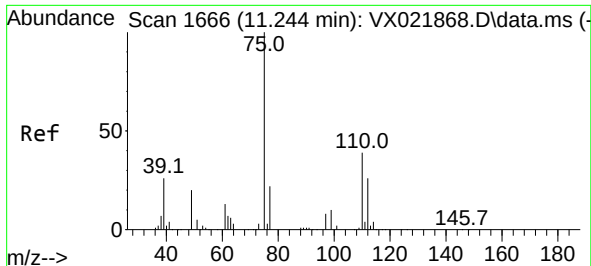
Tgt Ion:117 Resp: 187357
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

Tgt Ion:152 Resp: 83691
Ion Ratio Lower Upper
152 100
115 66.8 41.1 123.3
150 156.9 0.0 349.0

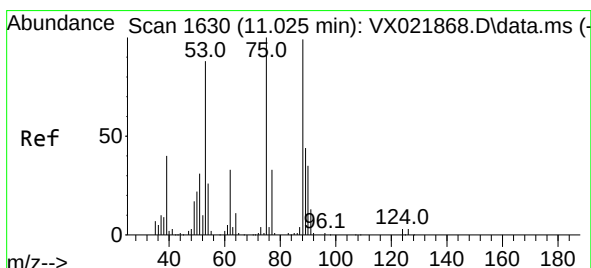
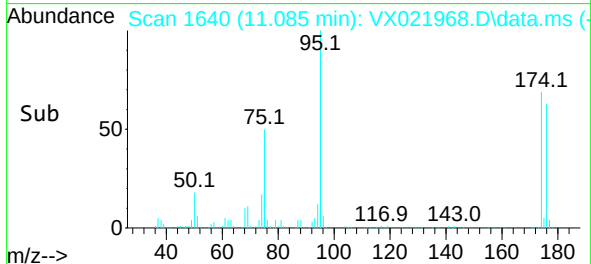
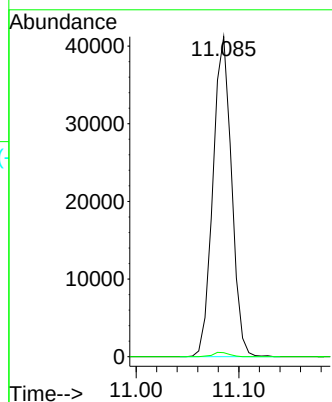
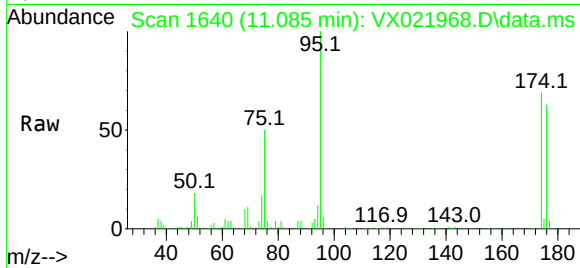




#76
1,2,3-Trichloropropane
Concen: 21.74 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

Instrument :
MSVOA_X
ClientSampled :
WWTP-001

Tgt Ion: 75 Resp: 51737
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.44 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX021968.D
Acq: 13 May 2021 15:34

Tgt Ion: 75 Resp: 51737
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

