

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091520\
 Data File : VV018223.D
 Acq On : 15 Sep 2020 15:41
 Operator : SY/MD
 Sample : L4012-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWW1

Quant Time: Sep 16 05:47:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 05:45:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	289373	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284941	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141545	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81230	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.88%
7) Chloroethane-d5	1.58	69	78226	40.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.08%
11) 1,1-Dichloroethene-d2	2.12	63	130531	30.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.34%
21) 2-Butanone-d5	3.91	46	133418	92.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.43%
24) Chloroform-d	4.38	84	186958	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
26) 1,2-Dichloroethane-d4	5.06	65	125968	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
32) Benzene-d6	5.08	84	366578	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.88%
36) 1,2-Dichloropropane-d6	6.09	67	121791	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.98%
41) Toluene-d8	7.34	98	327792	44.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.18%
43) trans-1,3-Dichloropropene-	7.64	79	59085	44.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.72%
47) 2-Hexanone-d5	8.11	63	100846	102.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.72%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	164343	50.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	146345	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

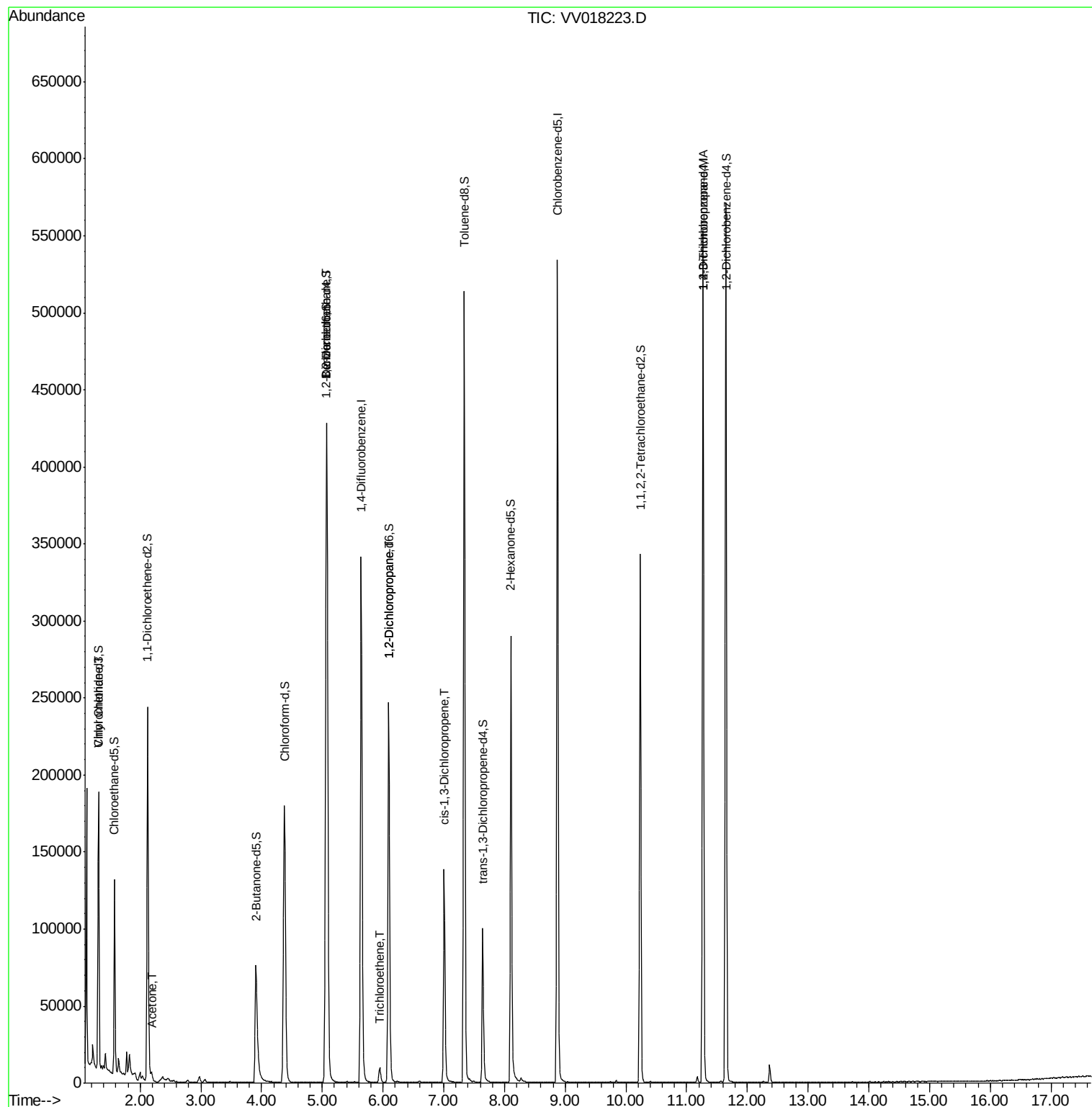
					Ovalue
3) Chloromethane	1.31	50	1906	0.827 ug/L	86
13) Acetone	2.19	43	5971	5.166 ug/L	93
27) 1,2-Dichloroethane	5.08	62	2230	0.765 ug/L #	74
34) Trichloroethene	5.95	95	3764	1.696 ug/L	91
37) 1,2-Dichloropropane	6.09	63	13164	6.098 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3077	0.925 ug/L #	52
59) 1,2,3-Trichloropropane	11.27	75	15394	6.063 ug/L	89

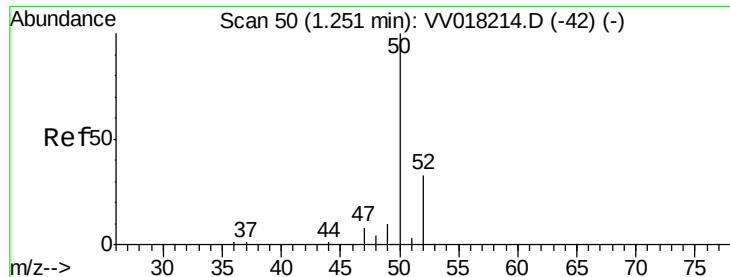
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.827 ug/L

RT: 1.31 min Scan# 67

Delta R.T. 0.05 min

Lab File: VV018223.D

Acq: 15 Sep 2020 15:41

Instrument :

MSVOA_V

ClientSampleId :

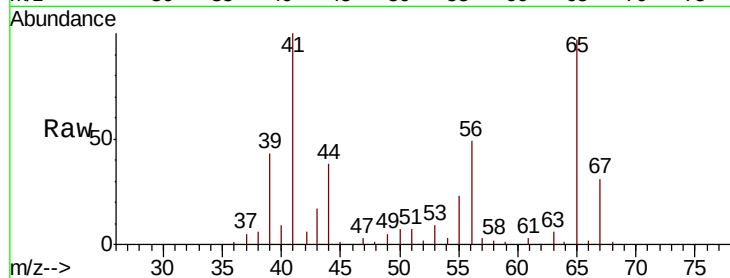
BFWW1

Tot Ion: 50 Resp: 1906

Ion Ratio Lower Upper

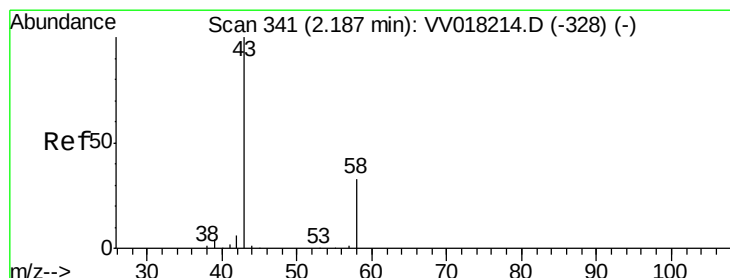
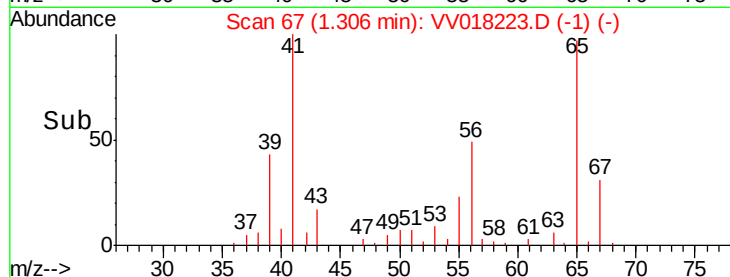
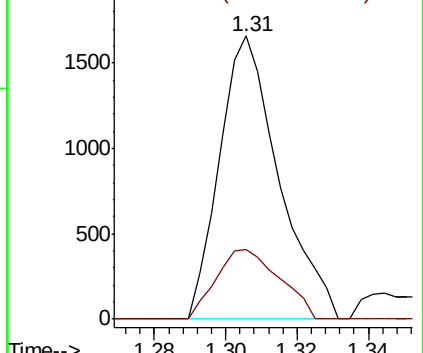
50 100

52 24.6 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#13

Acetone

Concen: 5.166 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV018223.D

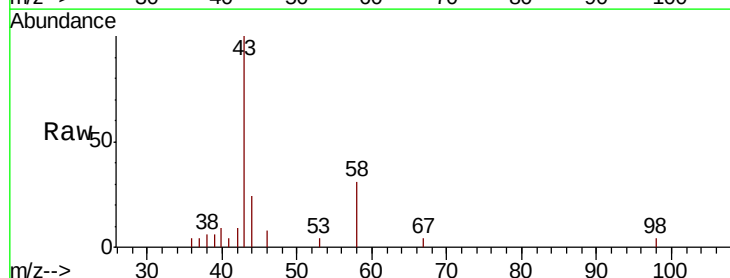
Acq: 15 Sep 2020 15:41

Tgt Ion: 43 Resp: 5971

Ion Ratio Lower Upper

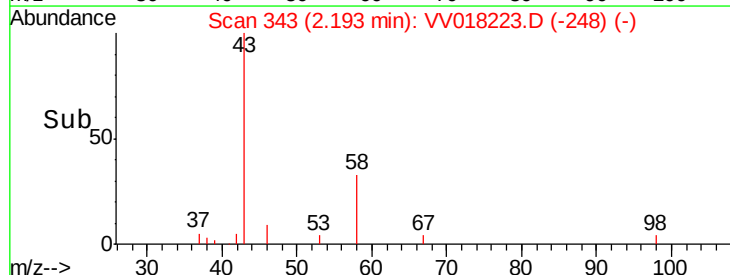
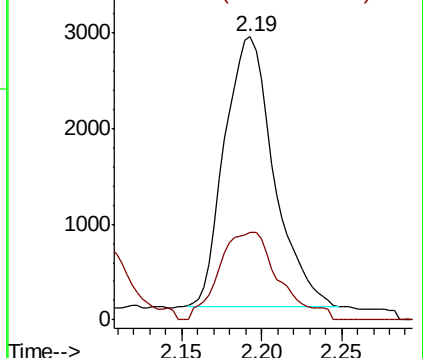
43 100

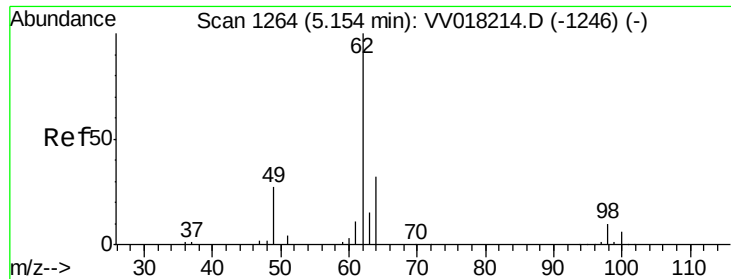
58 38.0 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

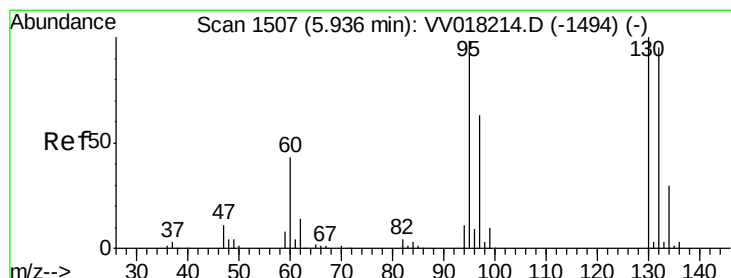
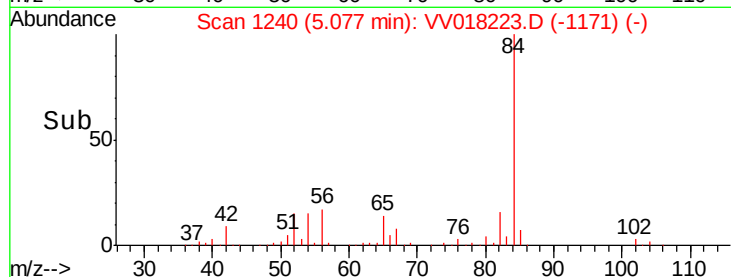
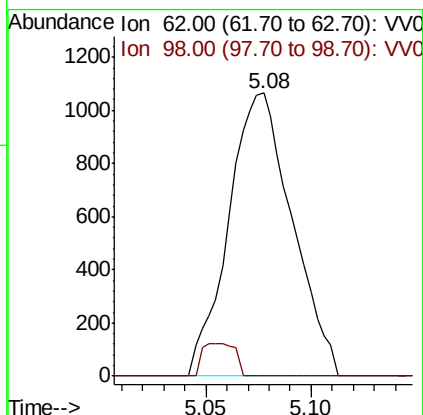
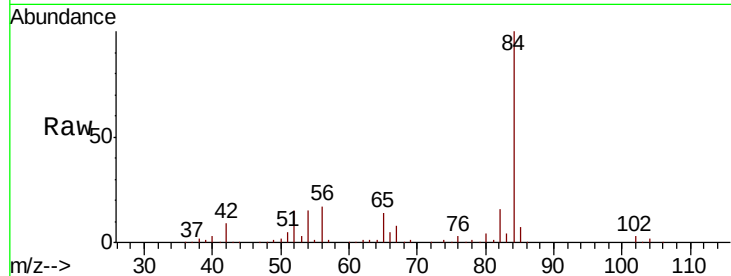




#27
 1,2-Dichloroethane
 Concen: 0.765 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV018223.D
 Acq: 15 Sep 2020 15:41

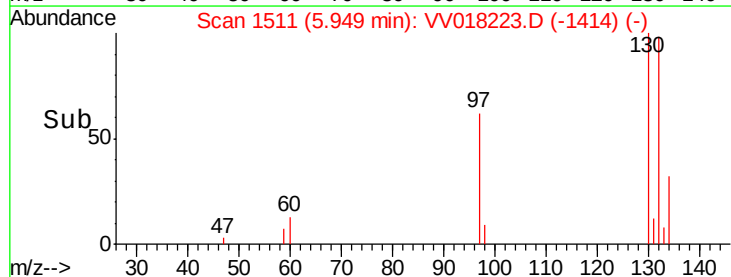
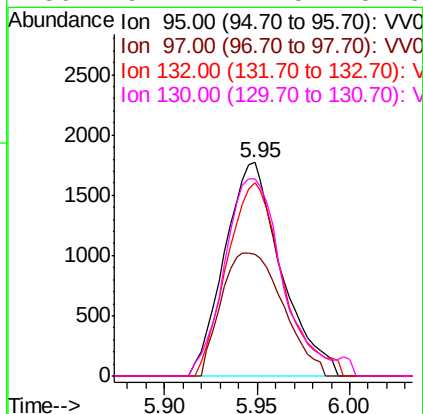
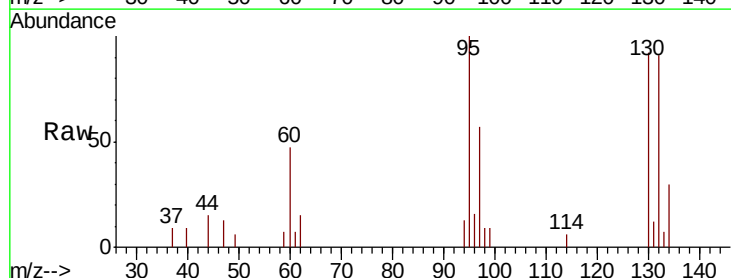
Instrument :
 MSVOA_V
 ClientSampled :
 BFWW1

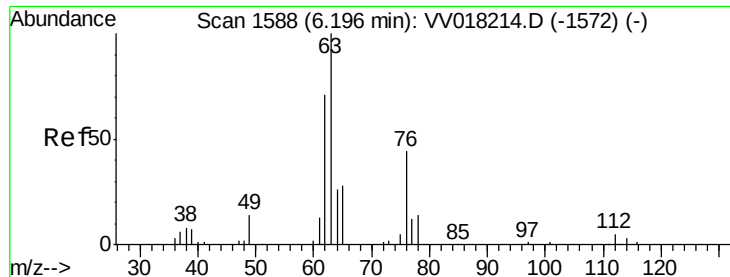
Tot Ion: 62 Resp: 2230
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#34
 Trichloroethene
 Concen: 1.696 ug/L
 RT: 5.95 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VV018223.D
 Acq: 15 Sep 2020 15:41

Tgt Ion: 95 Resp: 3764
 Ion Ratio Lower Upper
 95 100
 97 56.9 46.3 85.9
 132 90.6 68.1 126.5
 130 92.2 71.5 132.9

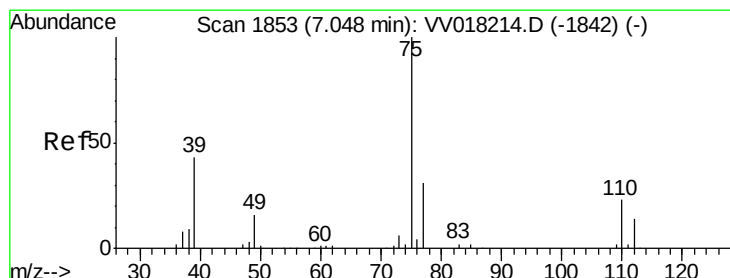
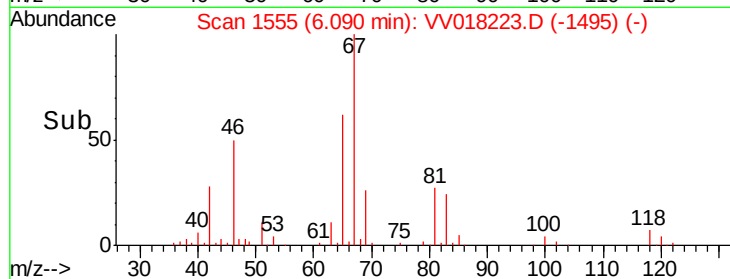
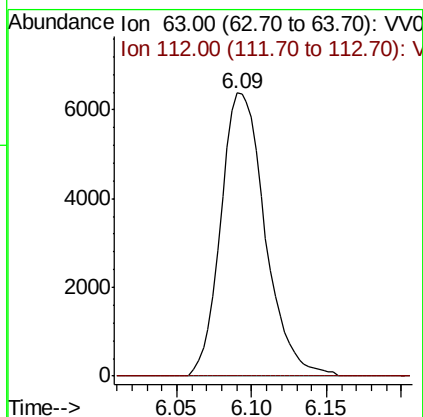
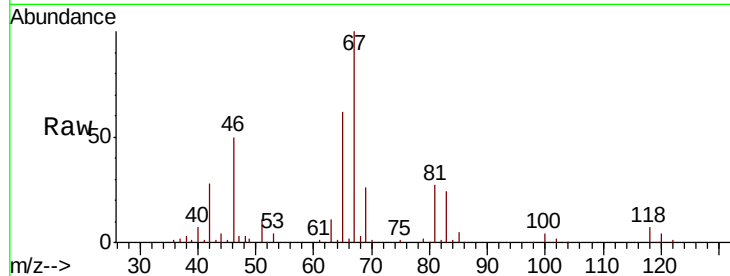




#37
 1,2-Dichloropropane
 Concen: 6.098 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018223.D
 Acq: 15 Sep 2020 15:41

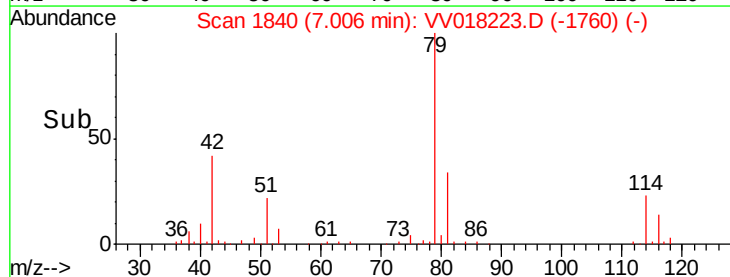
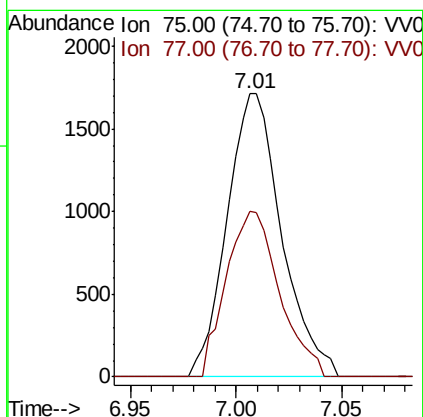
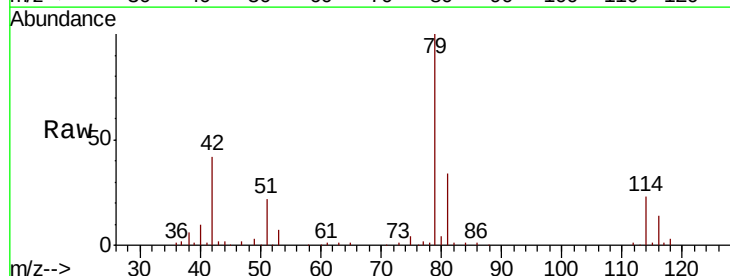
Instrument :
 MSVOA_V
 ClientSampled :
 BFWW1

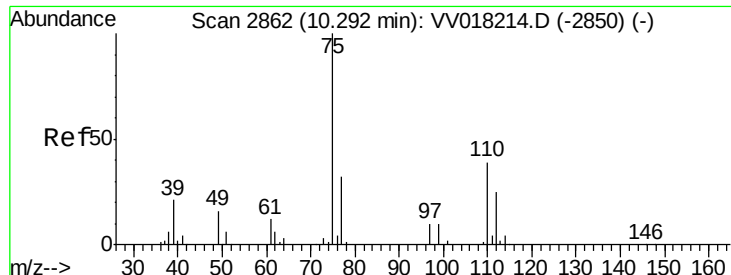
Tot Ion: 63 Resp: 13164
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.925 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018223.D
 Acq: 15 Sep 2020 15:41

Tgt Ion: 75 Resp: 3077
 Ion Ratio Lower Upper
 75 100
 77 58.7 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.063 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018223.D

Acq: 15 Sep 2020 15:41

Instrument :

MSVOA_V

ClientSampleId :

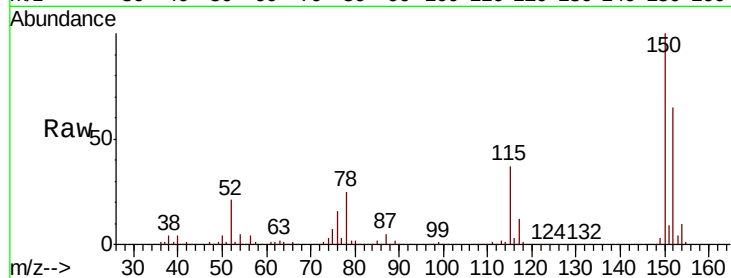
BFWW1

Tot Ion: 75 Resp: 15394

Ion Ratio Lower Upper

75 100

77 38.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

