

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019686.D
 Acq On : 16 Dec 2020 19:47
 Operator : SY/MD
 Sample : L5062-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 00:32:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	588173	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	552335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	249095	50.00	ug/L	0.00

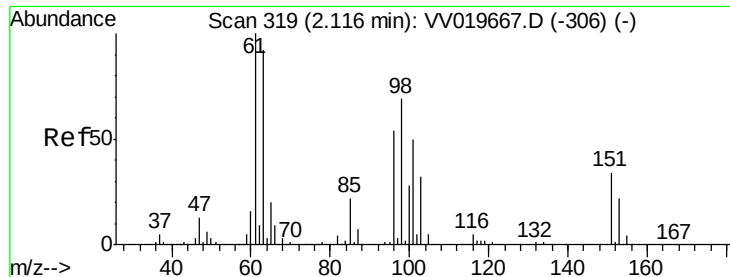
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	207763	49.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.52%
7) Chloroethane-d5	1.57	69	168340	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.11	63	302501	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.28%
21) 2-Butanone-d5	3.89	46	295365	128.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.84%
24) Chloroform-d	4.35	84	373305	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
26) 1,2-Dichloroethane-d4	5.04	65	261538	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.30%
32) Benzene-d6	5.05	84	758141	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.94%
36) 1,2-Dichloropropane-d6	6.07	67	241981	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.88%
41) Toluene-d8	7.32	98	661341	49.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.72%
43) trans-1,3-Dichloropropene-	7.62	79	107401	40.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.84%
47) 2-Hexanone-d5	8.09	63	199610	110.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.22%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	301241	48.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.52%
64) 1,2-Dichlorobenzene-d4	11.63	152	241106	51.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.56%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2854	0.836 ug/L #	25
12) 1,1-Dichloroethene	2.12	96	15572	4.444 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	15798	3.742 ug/L #	90
27) 1,2-Dichloroethane	5.05	62	4882	0.792 ug/L	98
30) 1,1,1-Trichloroethane	4.62	97	6414	0.926 ug/L	96
34) Trichloroethene	5.92	95	244085	57.240 ug/L	98
39) cis-1,3-Dichloropropene	6.99	75	7045	1.006 ug/L #	66
59) 1,2,3-Trichloropropane	11.25	75	34305	6.542 ug/L	91

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.836 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019686.D

Acq: 16 Dec 2020 19:47

Instrument :

MSVOA_V

ClientSampleId :

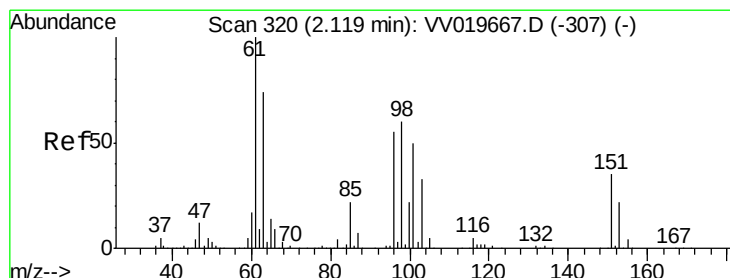
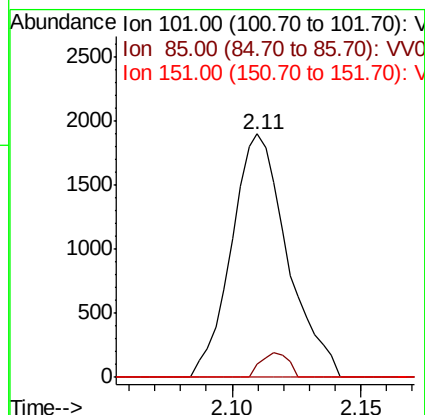
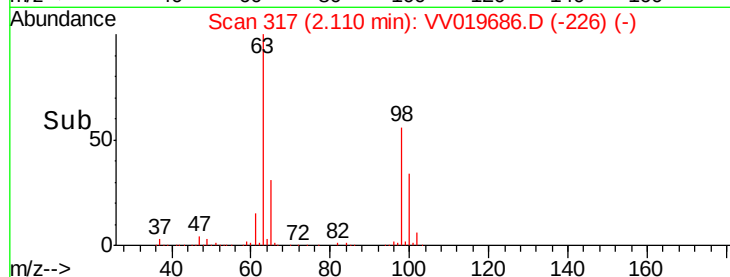
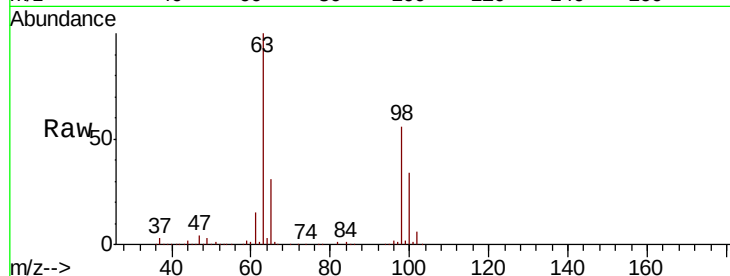
Tot Ion:101 Resp: 2854

Ion Ratio Lower Upper

101 100

85 5.1 35.0 52.4#

151 0.0 55.8 83.8#



#12

1,1-Dichloroethene

Concen: 4.444 ug/L

RT: 2.12 min Scan# 321

Delta R.T. 0.00 min

Lab File: VV019686.D

Acq: 16 Dec 2020 19:47

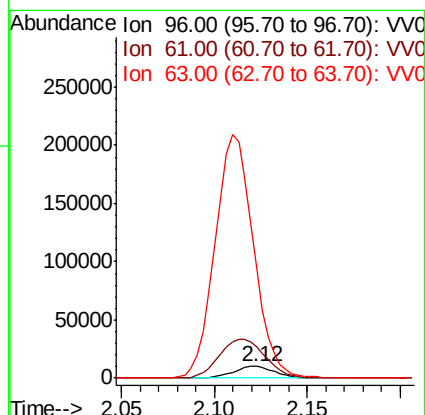
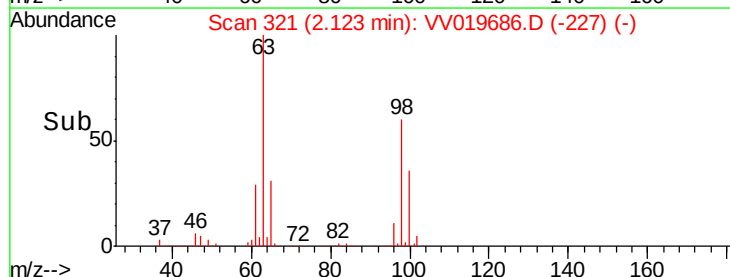
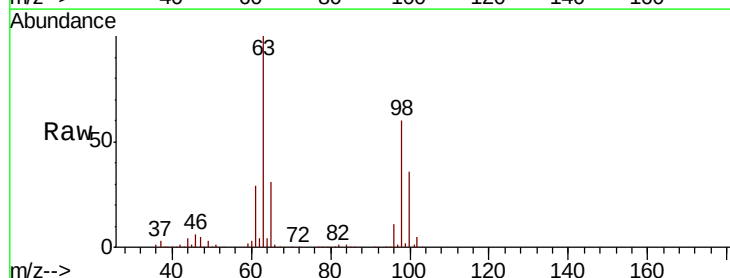
Tgt Ion: 96 Resp: 15572

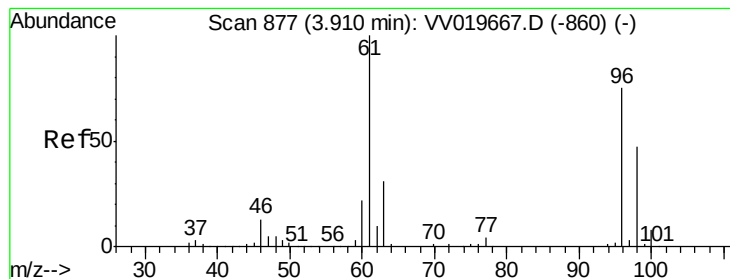
Ion Ratio Lower Upper

96 100

61 264.2 120.7 224.1#

63 911.2 64.3 119.5#





#20

cis-1,2-Dichloroethene

Concen: 3.742 ug/L

RT: 3.92 min Scan# 879

Delta R.T. 0.01 min

Lab File: VV019686.D

Acq: 16 Dec 2020 19:47

Instrument :

MSVOA_V

ClientSampled :

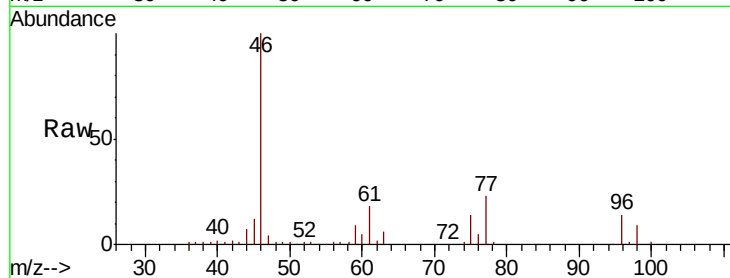
Tot Ion: 96 Resp: 15798

Ion Ratio Lower Upper

96 100

61 123.0 94.1 174.8

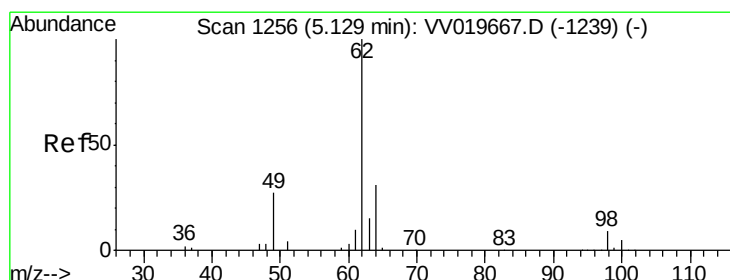
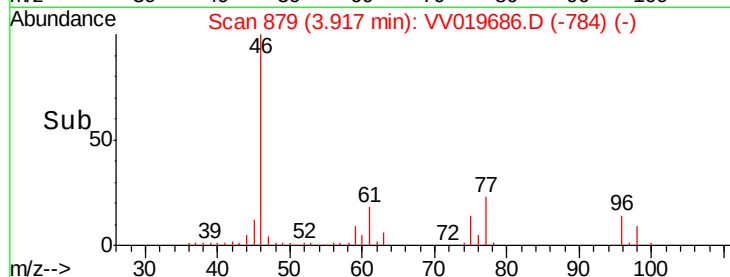
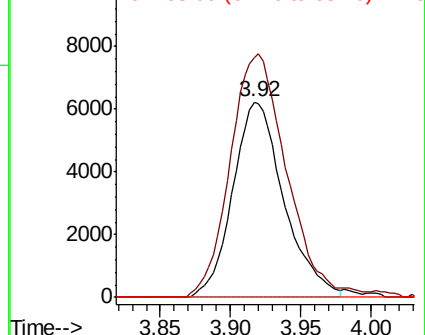
68 0.0 0.1 0.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0



#27

1,2-Dichloroethane

Concen: 0.792 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

Lab File: VV019686.D

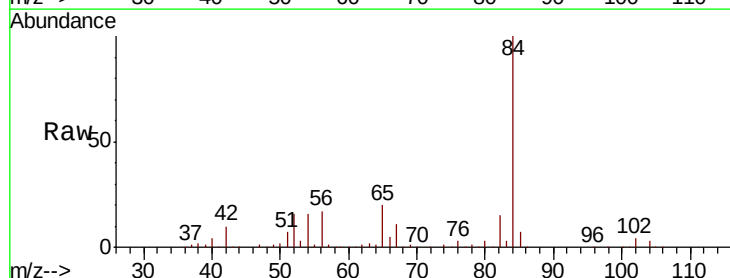
Acq: 16 Dec 2020 19:47

Tgt Ion: 62 Resp: 4882

Ion Ratio Lower Upper

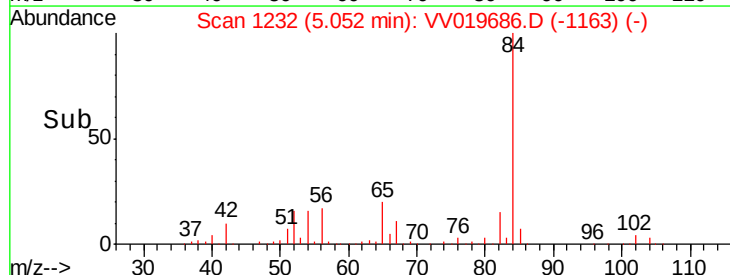
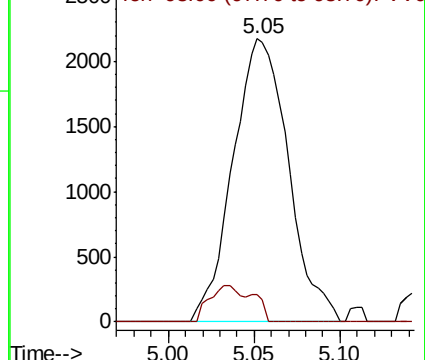
62 100

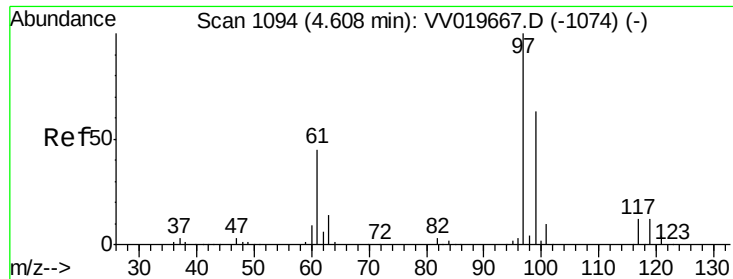
98 9.8 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

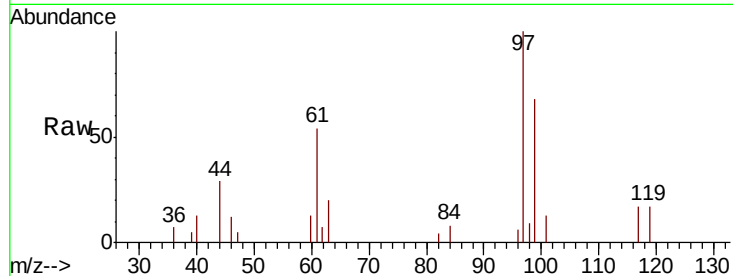




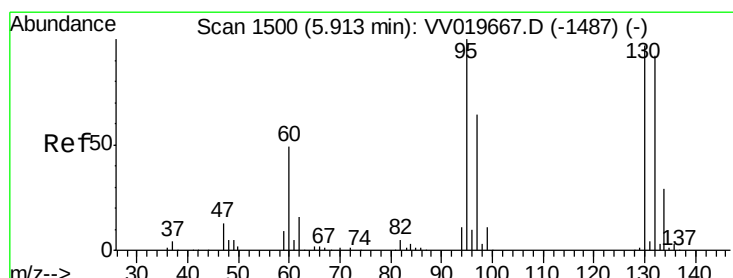
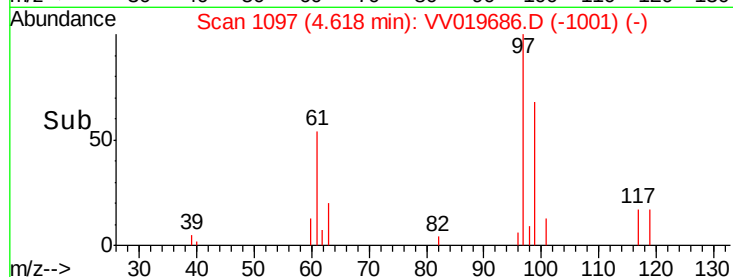
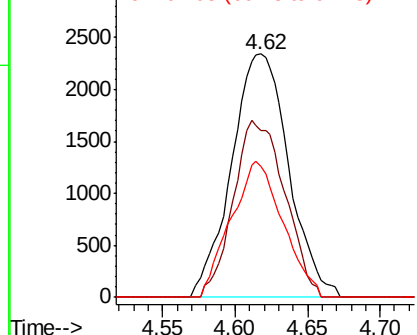
#30
1,1,1-Trichloroethane
Concen: 0.926 ug/L
RT: 4.62 min Scan# 1097
Delta R.T. 0.01 min
Lab File: VV019686.D
Acq: 16 Dec 2020 19:47

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 97 Resp: 6414
Ion Ratio Lower Upper
97 100
99 65.4 51.3 76.9
61 50.8 36.3 54.5

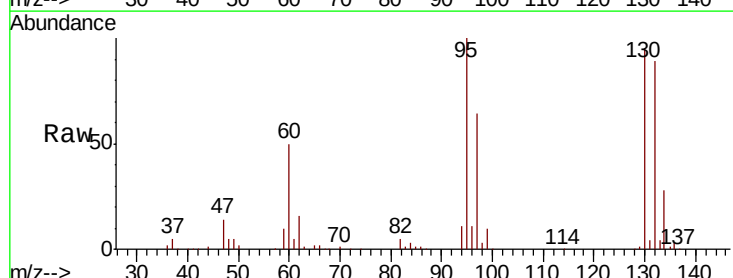


Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0

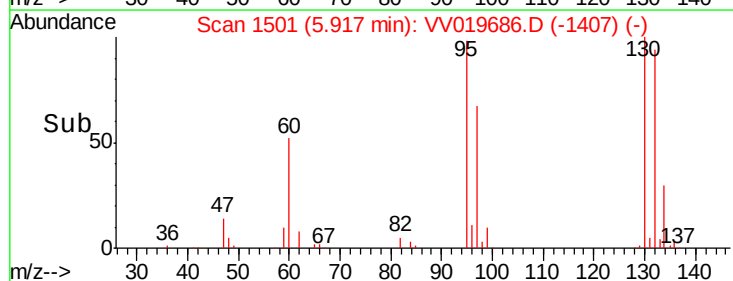
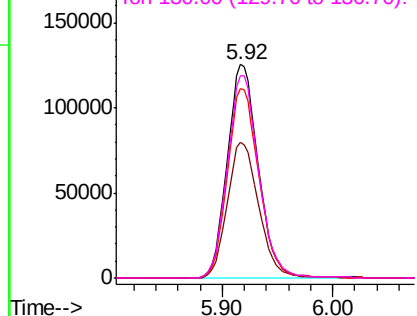


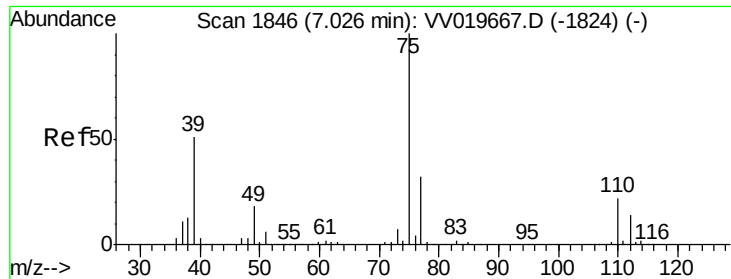
#34
Trichloroethene
Concen: 57.240 ug/L
RT: 5.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VV019686.D
Acq: 16 Dec 2020 19:47

Tgt Ion: 95 Resp: 244085
Ion Ratio Lower Upper
95 100
97 63.5 44.4 82.4
132 89.0 64.3 119.3
130 94.8 67.8 125.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0

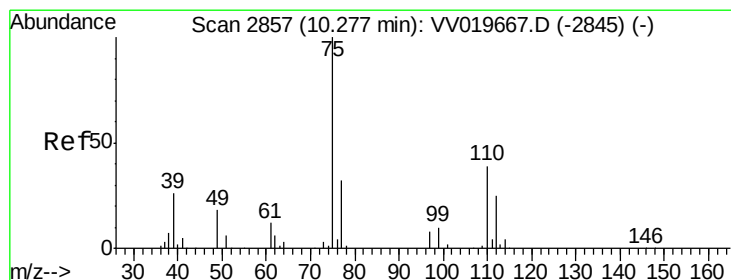
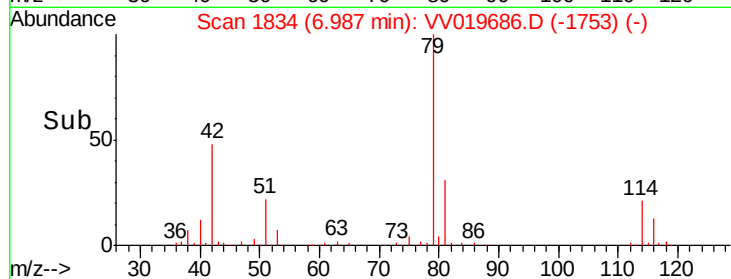
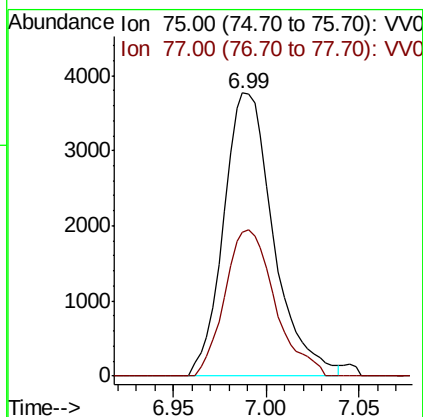
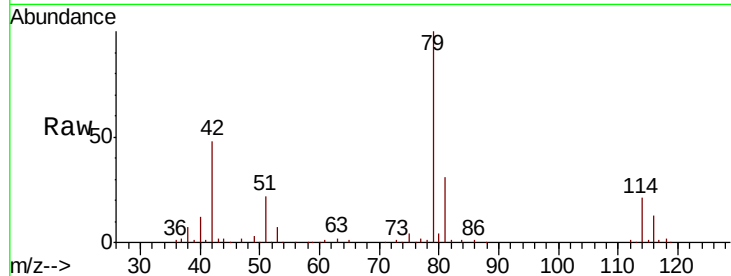




#39
 cis-1,3-Dichloropropene
 Concen: 1.006 ug/L
 RT: 6.99 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: VV019686.D
 Acq: 16 Dec 2020 19:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 7045
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.4 41.6#



#59
 1,2,3-Trichloropropane
 Concen: 6.542 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019686.D
 Acq: 16 Dec 2020 19:47

Tgt Ion: 75 Resp: 34305
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.8 38.8

