

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019676.D
 Acq On : 16 Dec 2020 15:48
 Operator : SY/MD
 Sample : L5062-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 00:31:37 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	567444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	531608	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	238859	50.00	ug/L	0.00

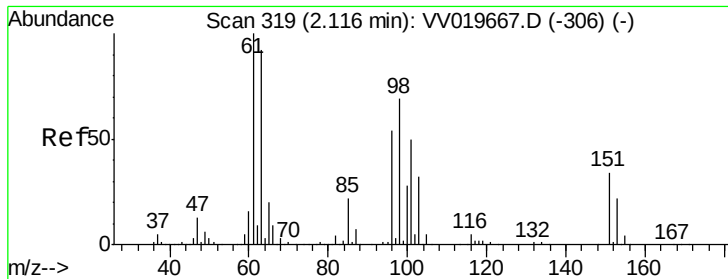
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	206248	50.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.38%
7) Chloroethane-d5	1.57	69	168192	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.82%
11) 1,1-Dichloroethene-d2	2.11	63	297446	39.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.78%
21) 2-Butanone-d5	3.89	46	285914	129.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.28%
24) Chloroform-d	4.35	84	367176	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
26) 1,2-Dichloroethane-d4	5.04	65	254797	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.34%
32) Benzene-d6	5.05	84	732030	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
36) 1,2-Dichloropropane-d6	6.07	67	237127	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.78%
41) Toluene-d8	7.32	98	632850	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%
43) trans-1,3-Dichloropropene-	7.62	79	106766	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.52%
47) 2-Hexanone-d5	8.09	63	192433	110.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.40%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	295997	49.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.54%
64) 1,2-Dichlorobenzene-d4	11.63	152	230153	51.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.10%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2666	0.809 ug/L #	24
12) 1,1-Dichloroethene	2.12	96	22722	6.721 ug/L #	1
19) 1,1-Dichloroethane	3.20	63	8214	1.143 ug/L	94
20) cis-1,2-Dichloroethene	3.92	96	29033	7.128 ug/L #	99
30) 1,1,1-Trichloroethane	4.61	97	11932	1.790 ug/L	97
34) Trichloroethene	5.92	95	348063	84.807 ug/L	98
39) cis-1,3-Dichloropropene	6.99	75	7026	1.043 ug/L #	72
59) 1,2,3-Trichloropropane	11.25	75	32061	6.353 ug/L	89

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



#10

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

Concen: 0.809 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.00 min

Lab File: VV019676.D

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Instrument :

MSVOA_V

ClientSampleId :

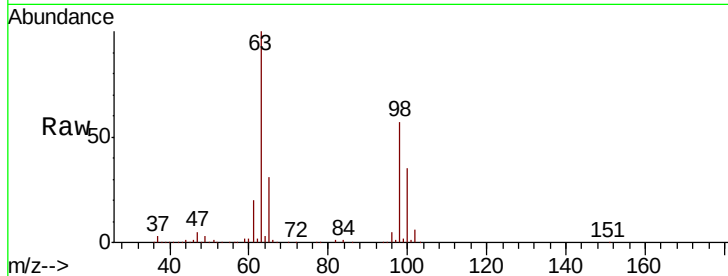
Tot Ion:101 Resp: 2666

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

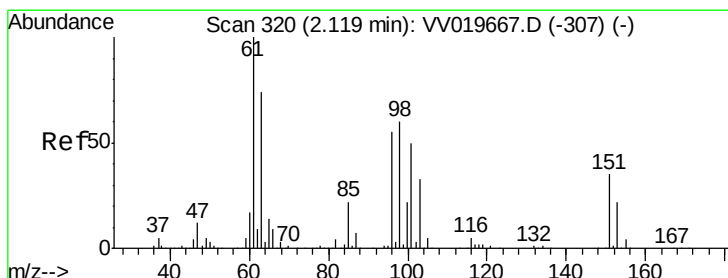
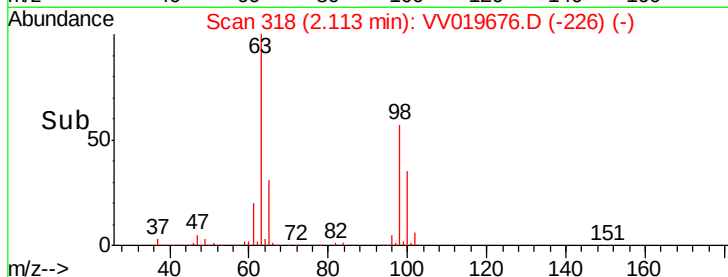
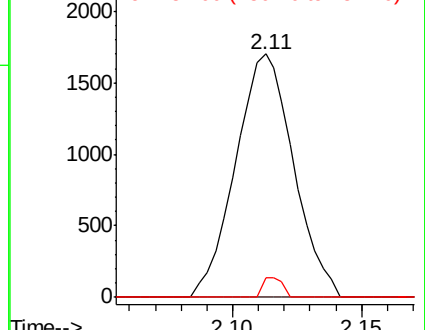
151 2.7 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 6.721 ug/L

RT: 2.12 min Scan# 321

Delta R.T. 0.00 min

Lab File: VV019676.D

Acq: 16 Dec 2020 15:48

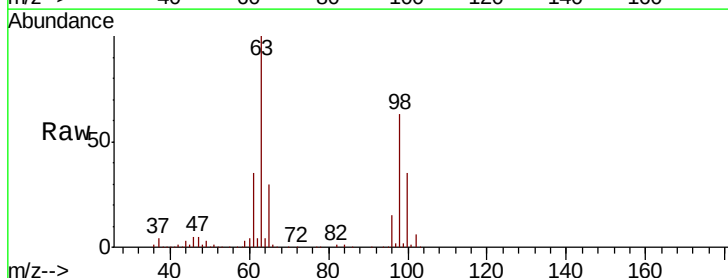
Tgt Ion: 96 Resp: 22722

Ion Ratio Lower Upper

96 100

61 236.0 120.7 224.1#

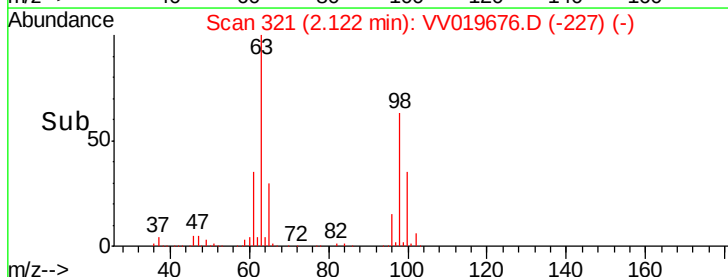
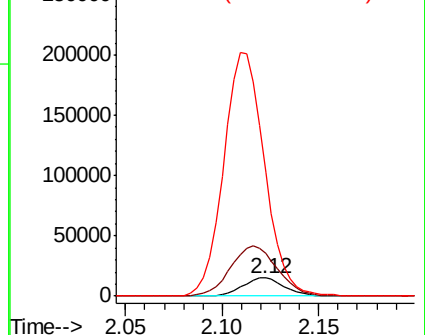
63 676.3 64.3 119.5#

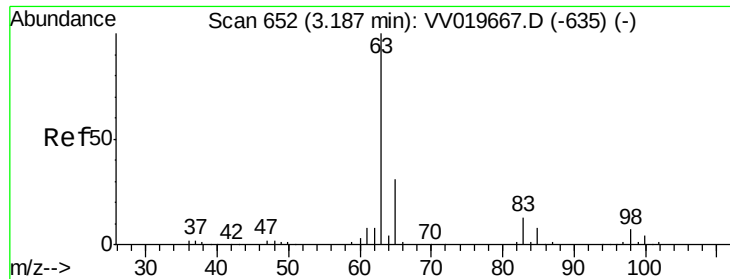


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

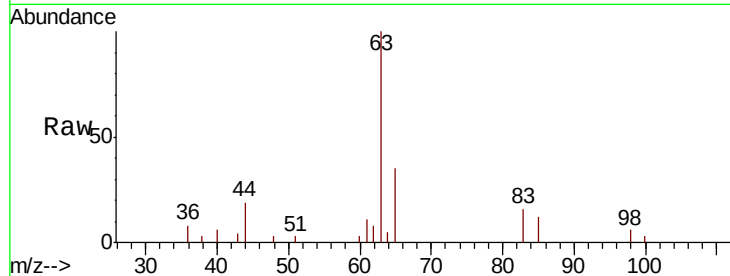




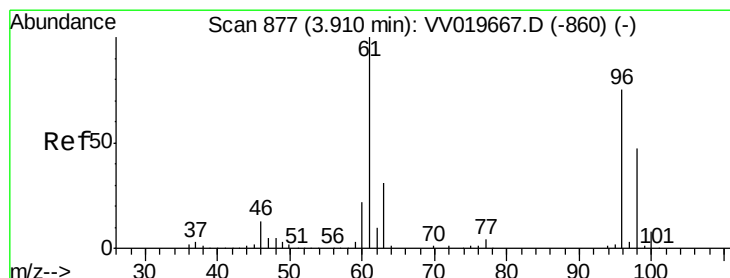
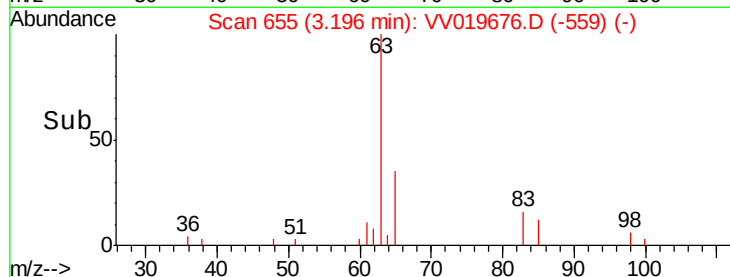
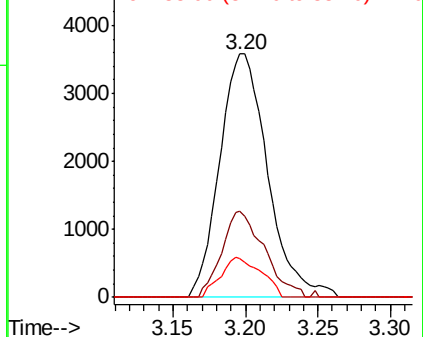
#19
 1,1-Dichloroethane
 Concen: 1.143 ug/L
 RT: 3.20 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VV019676.D
 Acq: 16 Dec 2020 15:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 8214
 Ion Ratio Lower Upper
 63 100
 65 35.3 22.4 41.6
 83 15.7 9.6 17.8

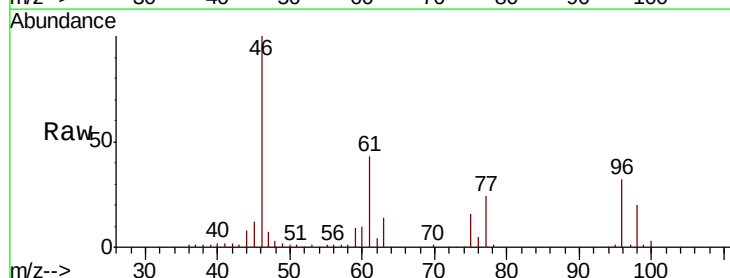


Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 65.00 (64.70 to 65.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0

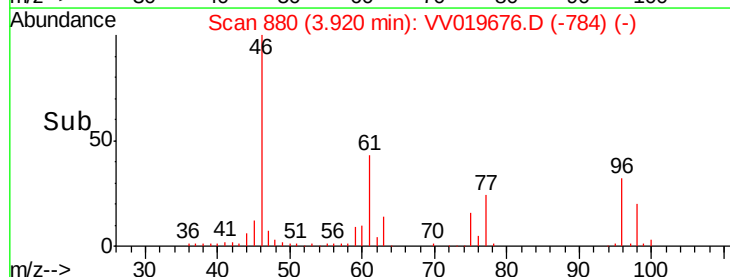
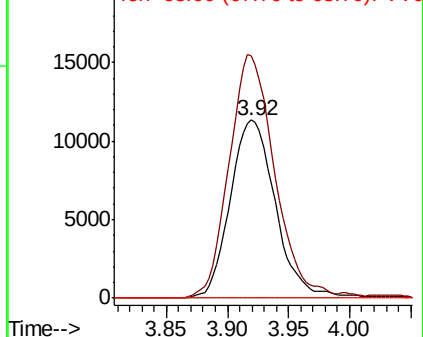


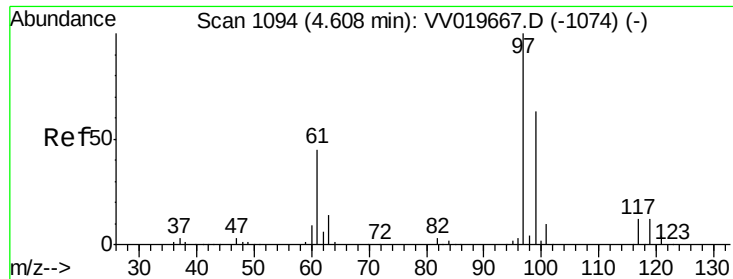
#20
 cis-1,2-Dichloroethene
 Concen: 7.128 ug/L
 RT: 3.92 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VV019676.D
 Acq: 16 Dec 2020 15:48

Tgt Ion: 96 Resp: 29033
 Ion Ratio Lower Upper
 96 100
 61 136.2 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

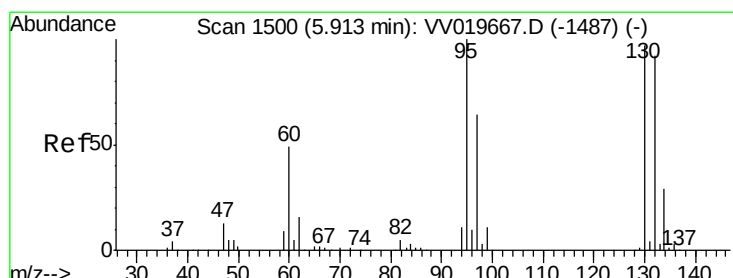
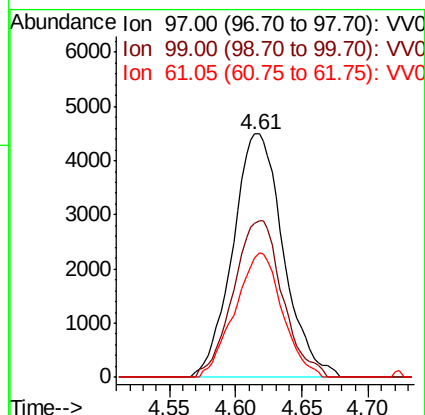
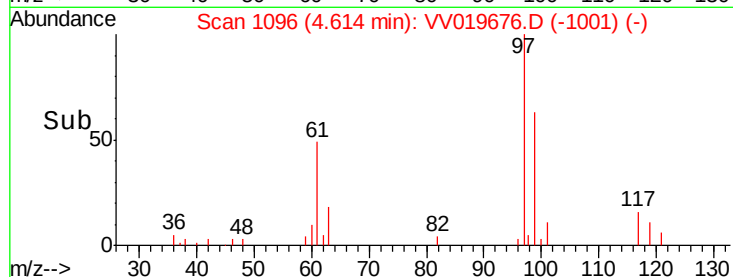
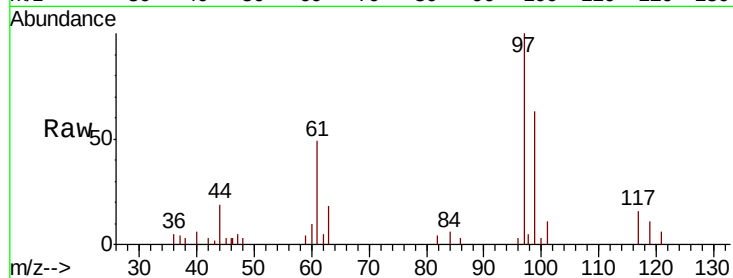




#30
 1,1,1-Trichloroethane
 Concen: 1.790 ug/L
 RT: 4.61 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: VV019676.D
 Acq: 16 Dec 2020 15:48

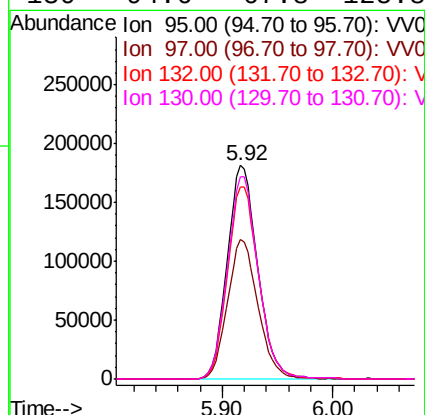
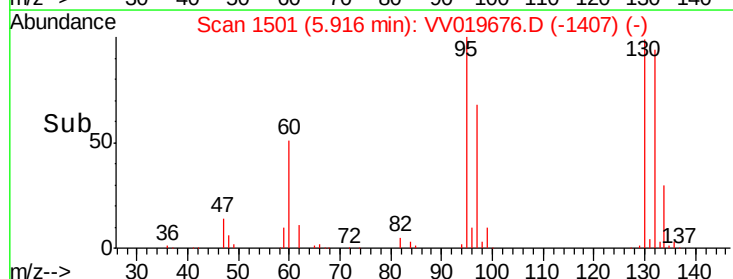
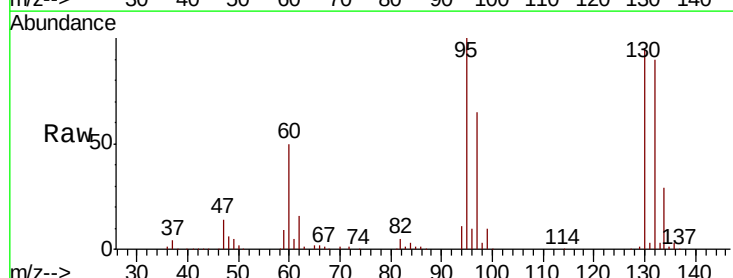
Instrument :
 MSVOA_V
 ClientSampleId :

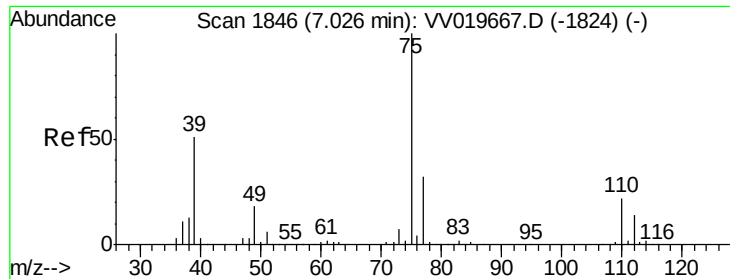
Tot Ion: 97 Resp: 11932
 Ion Ratio Lower Upper
 97 100
 99 62.4 51.3 76.9
 61 47.7 36.3 54.5



#34
 Trichloroethene
 Concen: 84.807 ug/L
 RT: 5.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: VV019676.D
 Acq: 16 Dec 2020 15:48

Tgt Ion: 95 Resp: 348063
 Ion Ratio Lower Upper
 95 100
 97 65.1 44.4 82.4
 132 90.2 64.3 119.3
 130 94.6 67.8 125.8



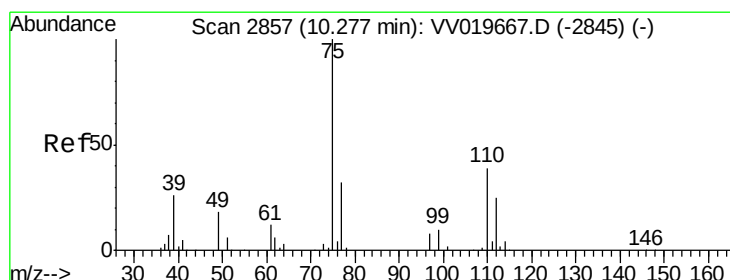
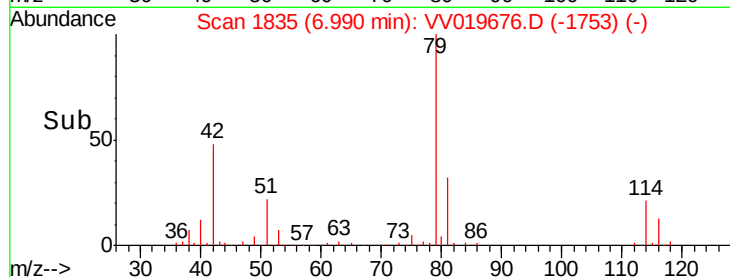
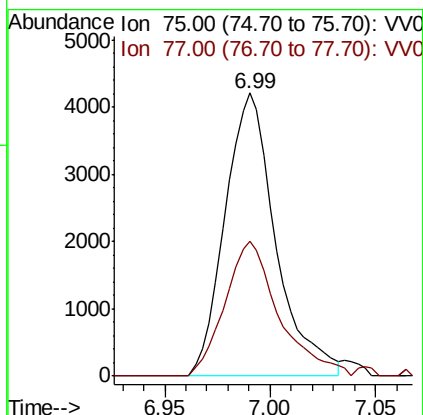
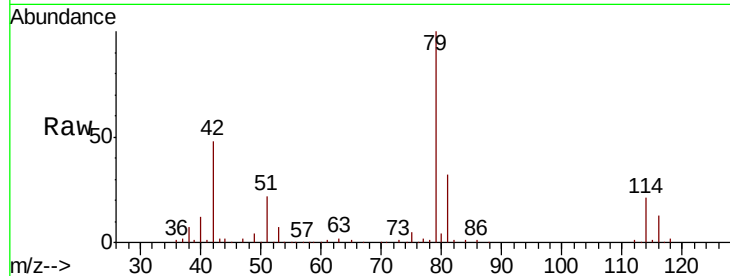


#39

cis-1,3-Dichloropropene
Concen: 1.043 ug/L
RT: 6.99 min Scan# 1835
Delta R.T. -0.04 min
Lab File: VV019676.D
Acq: 16 Dec 2020 15:48

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 7026
Ion Ratio Lower Upper
75 100
77 47.5 22.4 41.6#



#59

1,2,3-Trichloropropane
Concen: 6.353 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019676.D
Acq: 16 Dec 2020 15:48

Tgt Ion: 75 Resp: 32061
Ion Ratio Lower Upper
75 100
77 38.3 25.8 38.8

