

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018282.D
 Acq On : 17 Sep 2020 16:29
 Operator : SY/MD
 Sample : L4066-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWS6

Quant Time: Sep 18 06:19:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90007	38.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.94%
7) Chloroethane-d5	1.58	69	76677	40.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.14%
11) 1,1-Dichloroethene-d2	2.12	63	133146	31.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.86%
21) 2-Butanone-d5	3.92	46	125361	88.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.68%
24) Chloroform-d	4.38	84	170415	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.06%
26) 1,2-Dichloroethane-d4	5.06	65	113910	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
32) Benzene-d6	5.08	84	338426	41.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.88%
36) 1,2-Dichloropropane-d6	6.09	67	109288	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.26%
41) Toluene-d8	7.34	98	298786	40.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.26%
43) trans-1,3-Dichloropropene-	7.64	79	53145	40.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.58%
47) 2-Hexanone-d5	8.11	63	88263	90.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	145716	45.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	129157	45.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.98%

Target Compounds

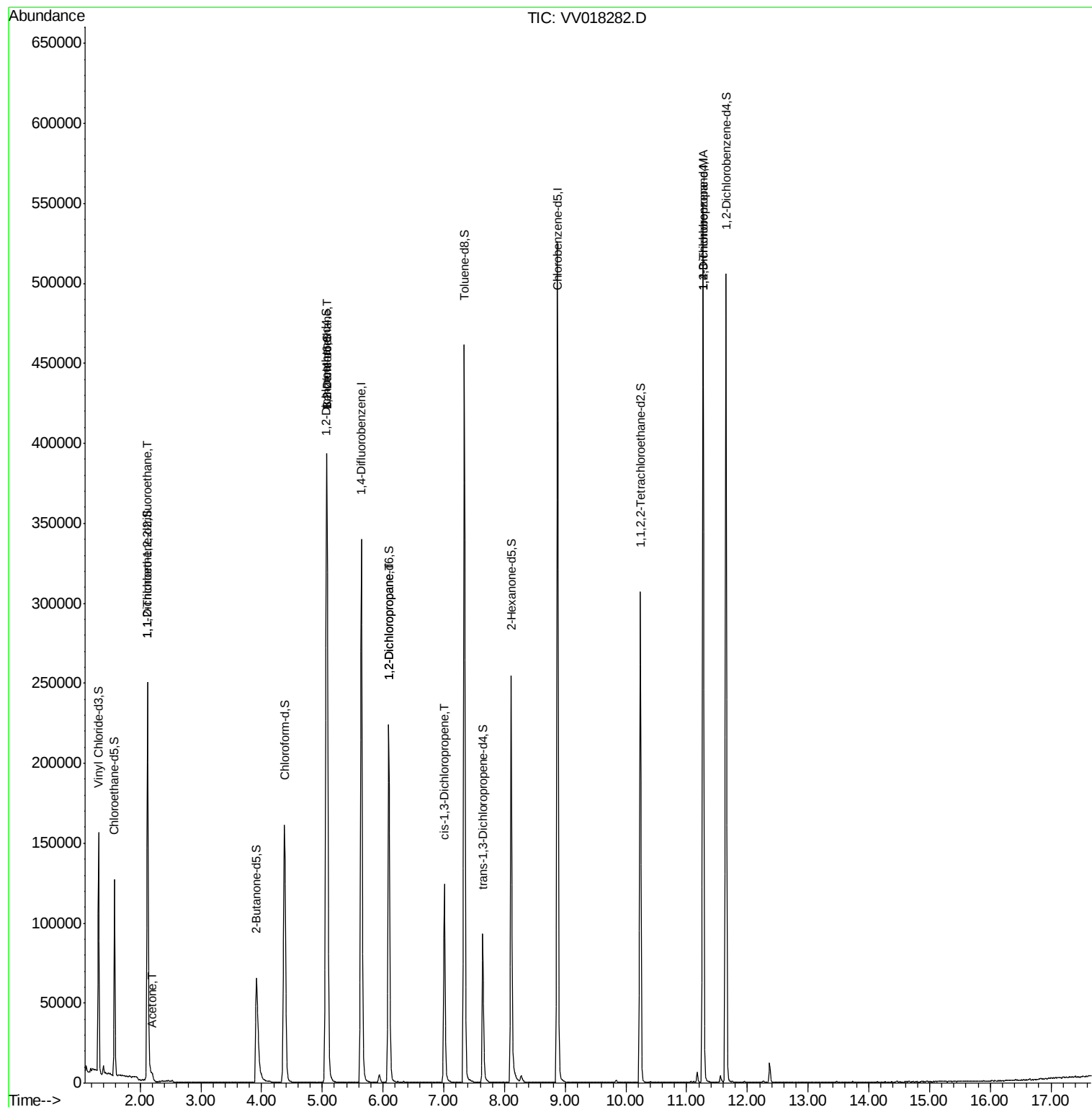
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1270	0.664 ug/L #	19
13) Acetone	2.20	43	5236	4.625 ug/L	76
27) 1,2-Dichloroethane	5.07	62	1912	0.670 ug/L #	74
37) 1,2-Dichloropropane	6.10	63	11876	5.562 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2902	0.882 ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	15489	6.167 ug/L	94

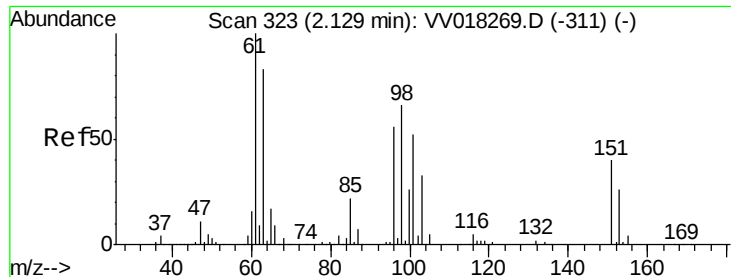
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.664 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018282.D

Acq: 17 Sep 2020 16:29

Instrument :

MSVOA_V

ClientSampleId :

BFWS6

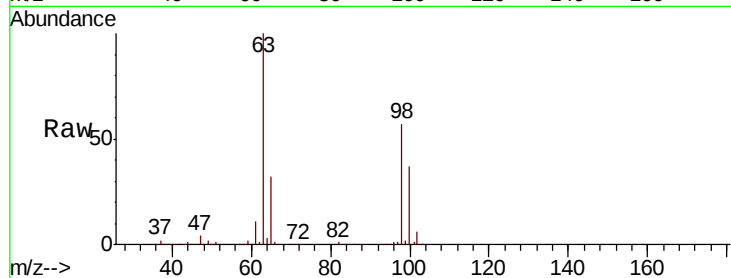
Tot Ion:101 Resp: 1270

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

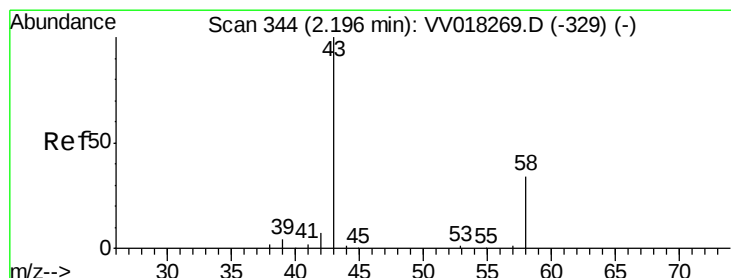
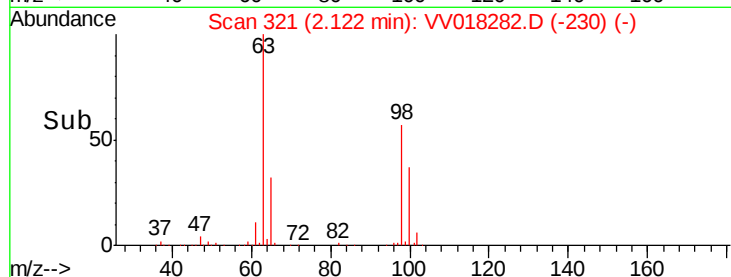
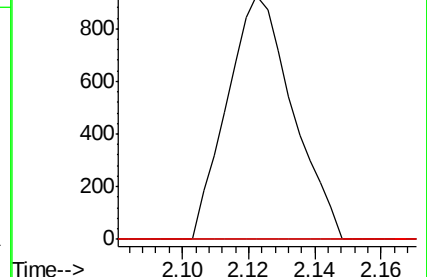
151 0.0 62.2 93.2#



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



#13

Acetone

Concen: 4.625 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV018282.D

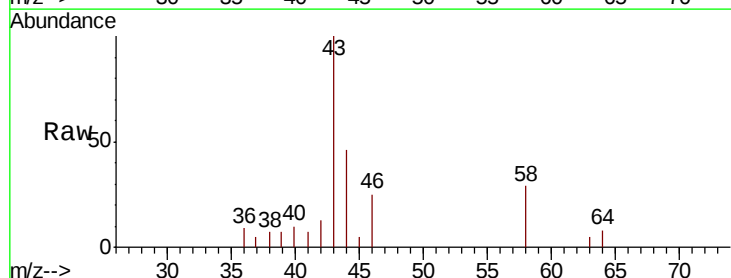
Acq: 17 Sep 2020 16:29

Tgt Ion: 43 Resp: 5236

Ion Ratio Lower Upper

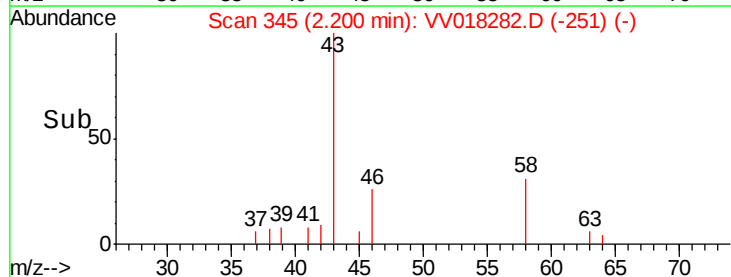
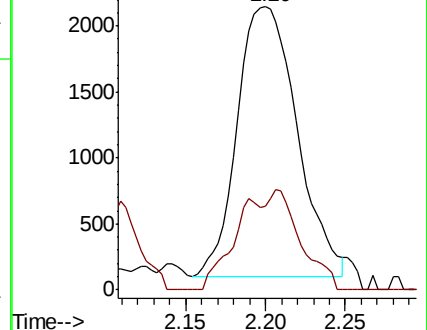
43 100

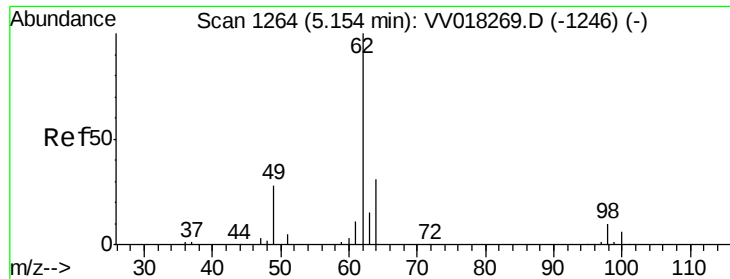
58 19.9 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

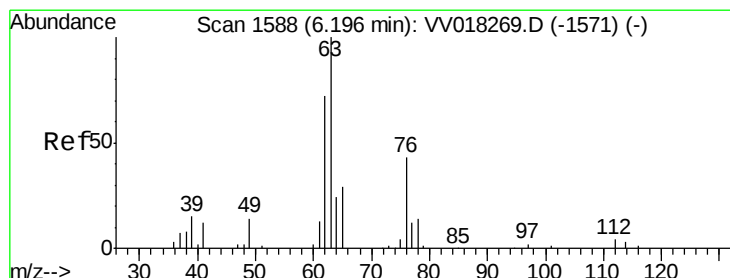
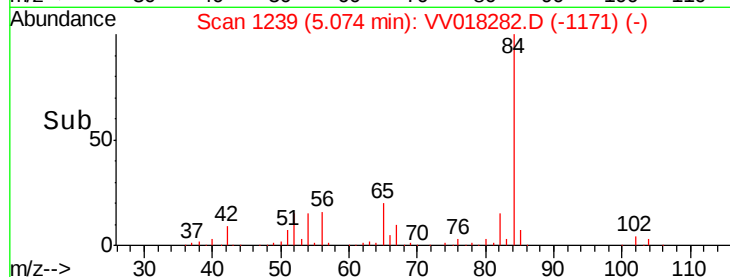
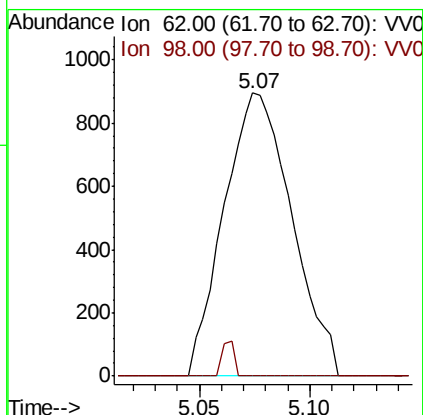
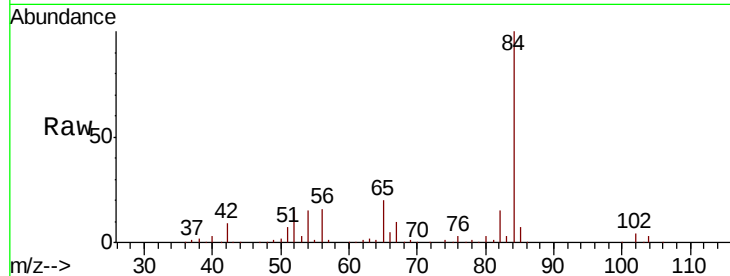




#27
 1,2-Dichloroethane
 Concen: 0.670 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV018282.D
 Acq: 17 Sep 2020 16:29

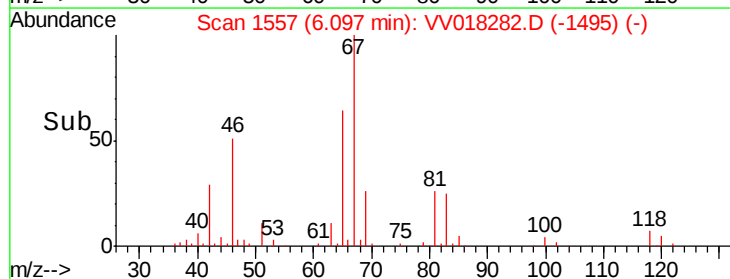
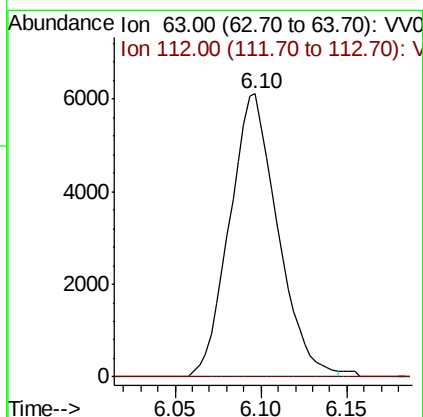
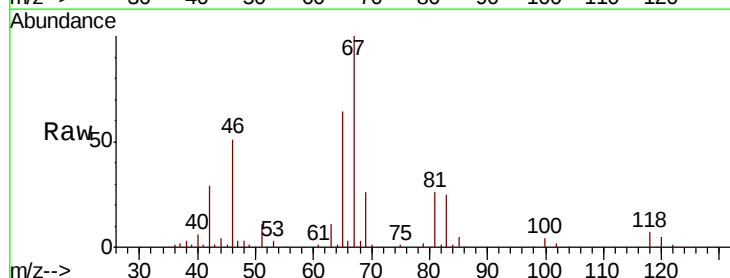
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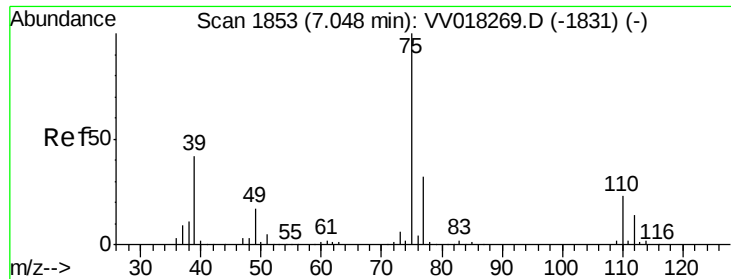
Tot Ion: 62 Resp: 1912
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#37
 1,2-Dichloropropane
 Concen: 5.562 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018282.D
 Acq: 17 Sep 2020 16:29

Tgt Ion: 63 Resp: 11876
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



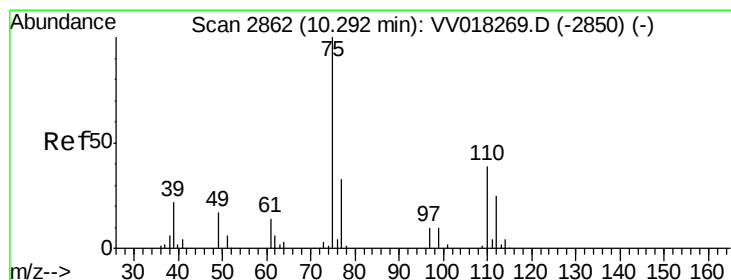
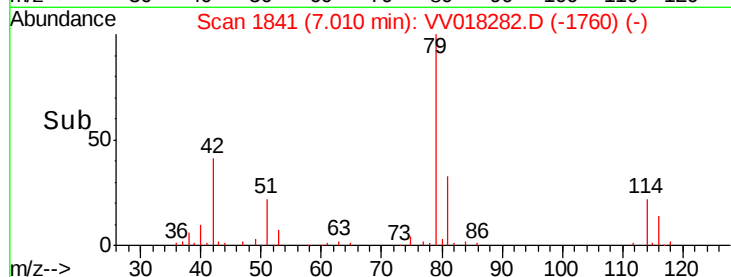
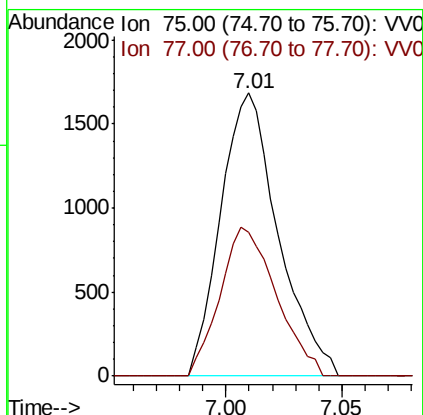
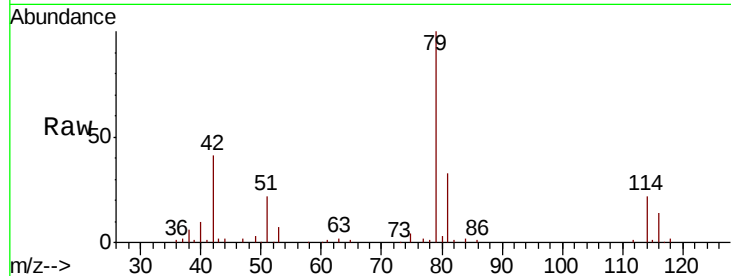


#39

cis-1,3-Dichloropropene
Concen: 0.882 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018282.D
Acq: 17 Sep 2020 16:29

Instrument :
MSVOA_V
ClientSampled :
BFWS6

Tot Ion: 75 Resp: 2902
Ion Ratio Lower Upper
75 100
77 50.9 22.3 41.3#



#59

1,2,3-Trichloropropane
Concen: 6.167 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018282.D
Acq: 17 Sep 2020 16:29

Tgt Ion: 75 Resp: 15489
Ion Ratio Lower Upper
75 100
77 35.7 25.8 38.6

