

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017879.D
 Acq On : 09 Aug 2020 01:12
 Operator : SY/MD
 Sample : L3608-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L12

Quant Time: Aug 10 05:13:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	224580	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	212331	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110580	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	58173	50.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.32%
7) Chloroethane-d5	1.58	69	50250	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.12	63	103290	37.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.14%
21) 2-Butanone-d5	3.91	46	69255	95.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.36%
24) Chloroform-d	4.38	84	150531	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.05	65	116120	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.10%
32) Benzene-d6	5.07	84	256270	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.52%
36) 1,2-Dichloropropane-d6	6.09	67	67649	54.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.82%
41) Toluene-d8	7.34	98	250816	50.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.78%
43) trans-1,3-Dichloropropene-	7.64	79	35856	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.58%
47) 2-Hexanone-d5	8.11	63	49659	110.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97011	50.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	119485	53.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

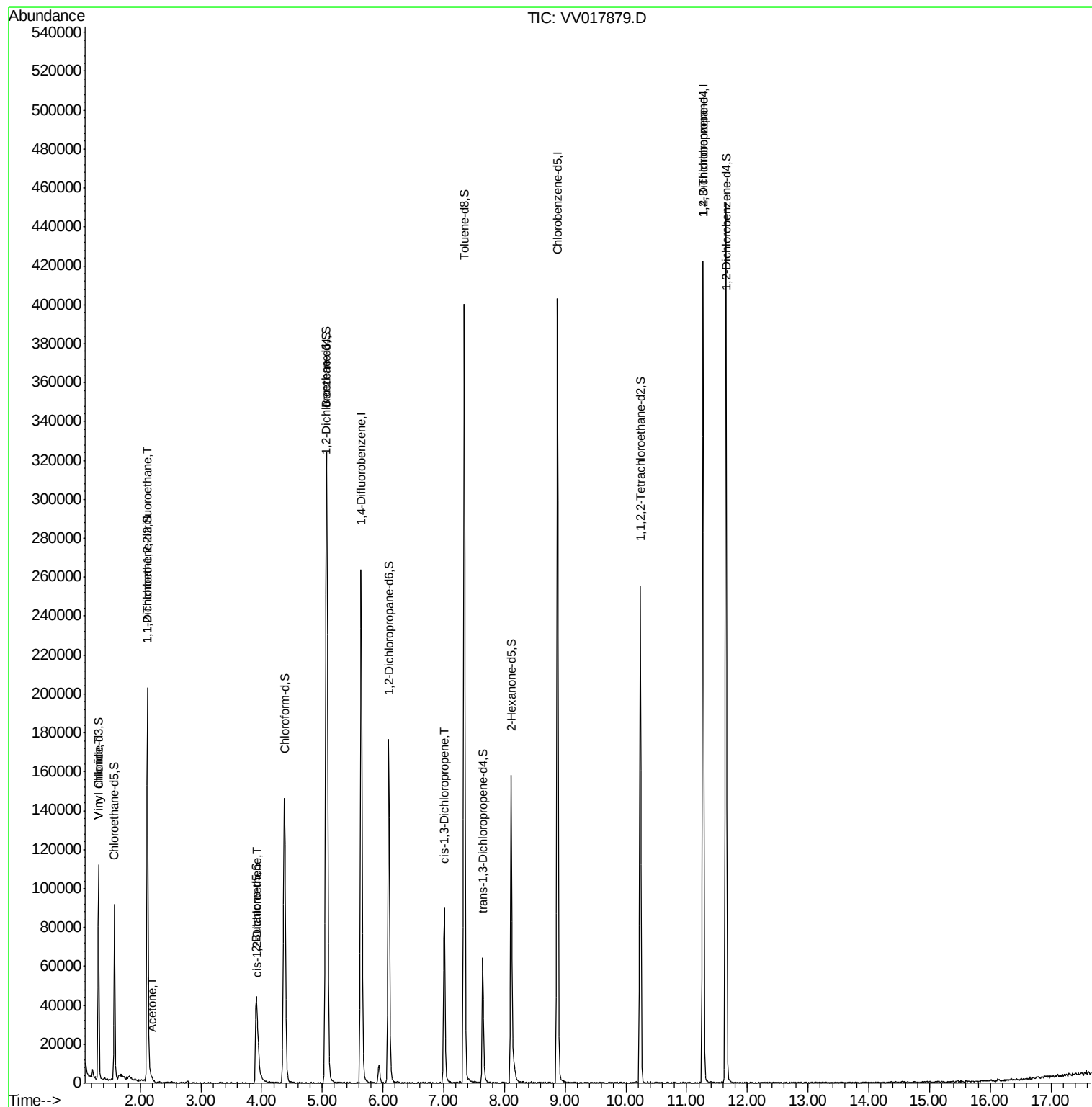
					Ovalue
5) Vinyl chloride	1.32	62	5149	3.924 ug/L #	77
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1026	0.715 ug/L #	16
13) Acetone	2.20	43	3265	3.455 ug/L	72
20) cis-1,2-Dichloroethene	3.94	96	1308	0.897 ug/L	93
39) cis-1,3-Dichloropropene	7.01	75	2743	1.452 ug/L #	65
59) 1,2,3-Trichloropropane	11.27	75	9442	5.583 ug/L #	75

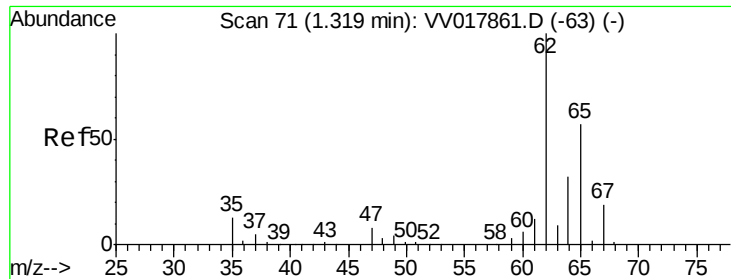
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Aug 10 05:09:16 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.924 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017879.D

Acq: 09 Aug 2020 01:12

Instrument :

MSVOA_V

ClientSampled :

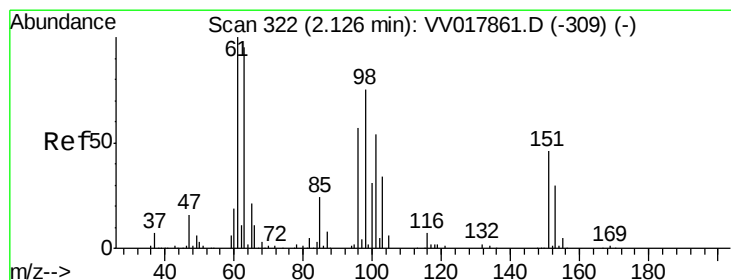
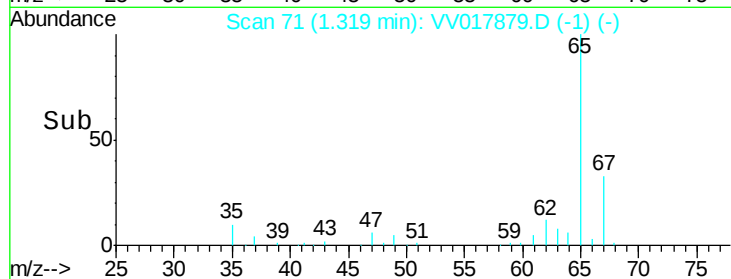
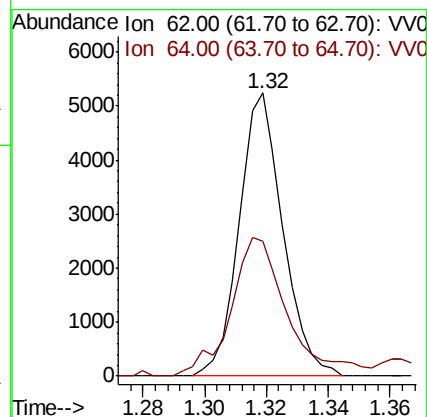
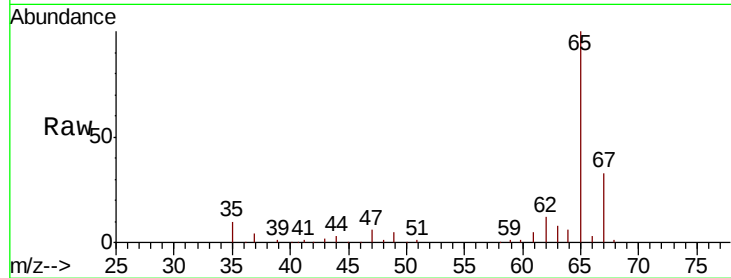
F4L12

Tot Ion: 62 Resp: 5149

Ion Ratio Lower Upper

62 100

64 47.7 24.0 44.6#



#10

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

Concen: 0.715 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV017879.D

Acq: 09 Aug 2020 01:12

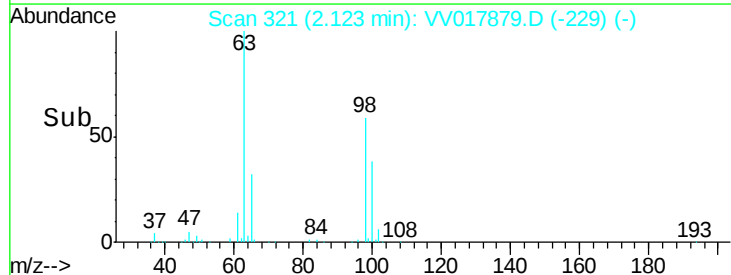
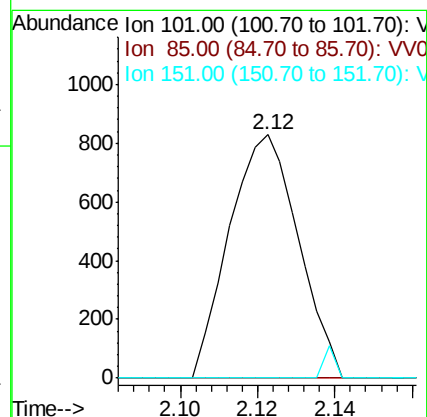
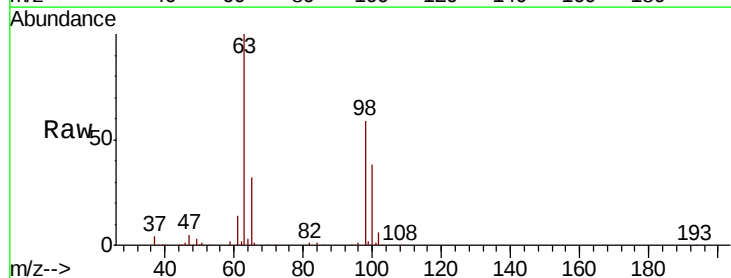
Tgt Ion: 101 Resp: 1026

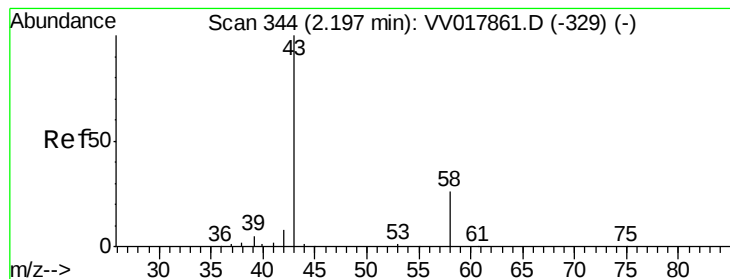
Ion Ratio Lower Upper

101 100

85 4.0 35.0 52.6#

151 0.0 71.0 106.6#





#13

Acetone

Concen: 3.455 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV017879.D

Acq: 09 Aug 2020 01:12

Instrument :

MSVOA_V

ClientSampleId :

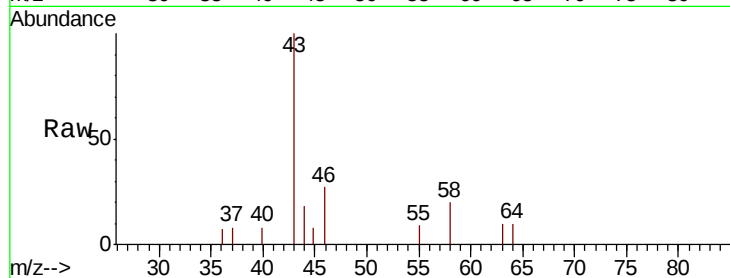
F4L12

Tot Ion: 43 Resp: 3265

Ion Ratio Lower Upper

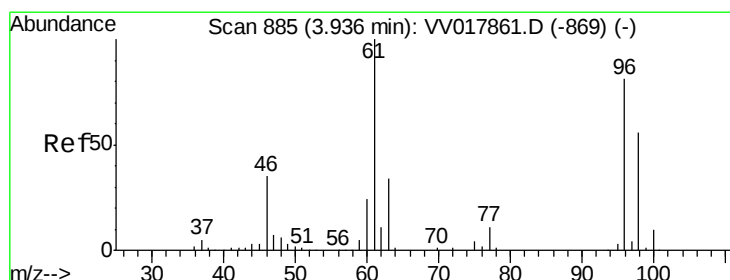
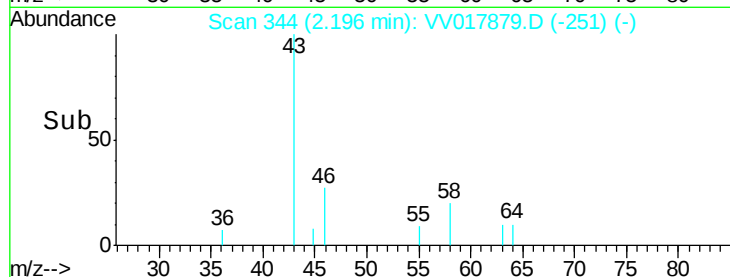
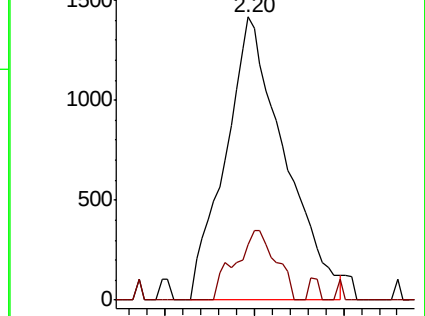
43 100

58 12.9 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 0.897 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017879.D

Acq: 09 Aug 2020 01:12

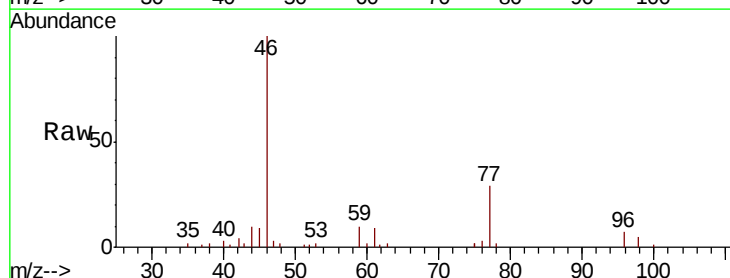
Tgt Ion: 96 Resp: 1308

Ion Ratio Lower Upper

96 100

61 128.0 84.4 156.8

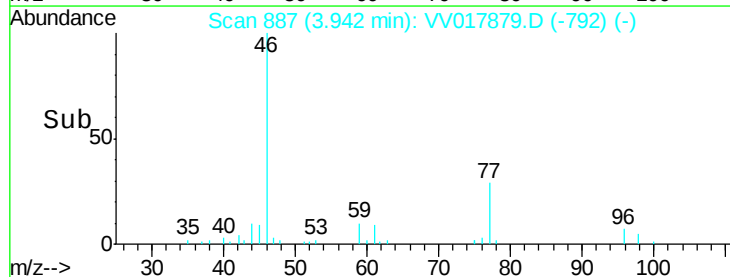
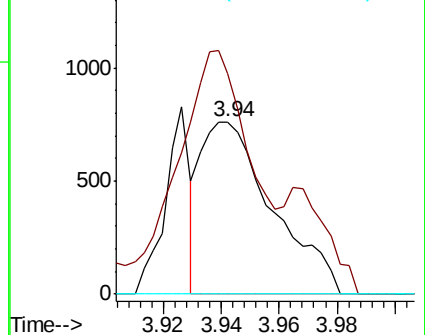
68 0.0 0.0 0.0

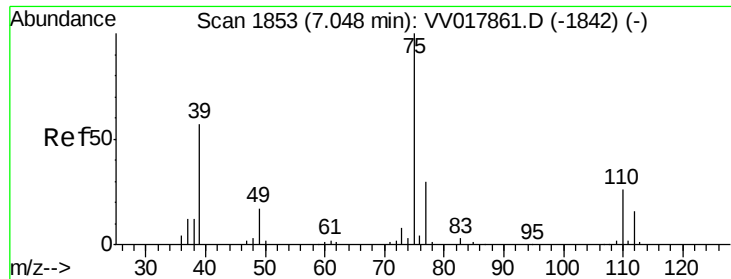


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

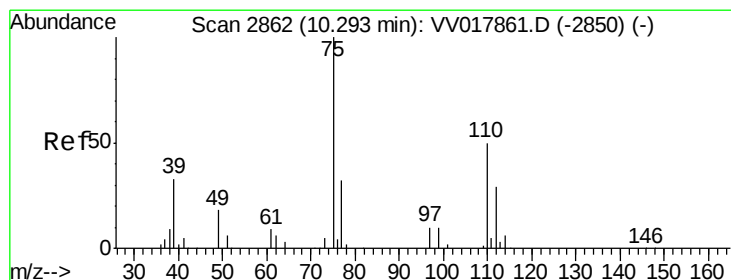
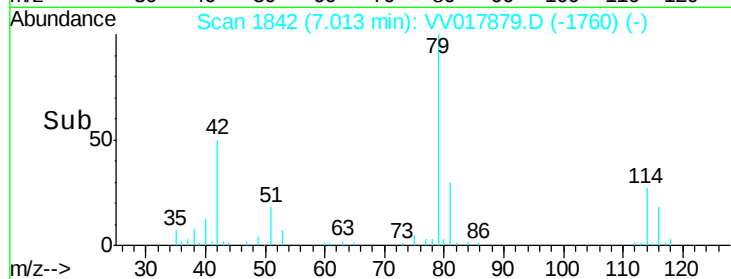
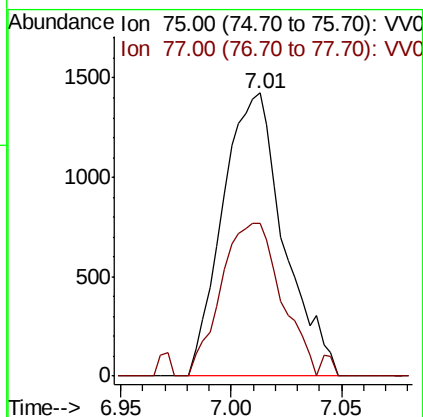
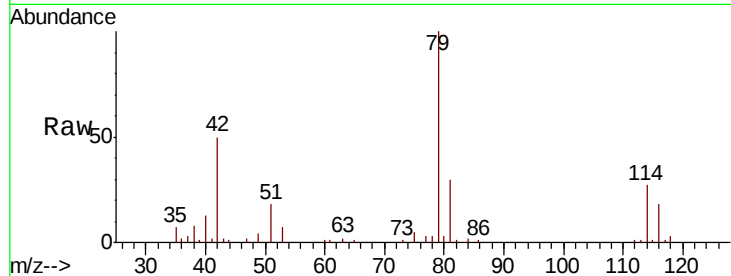




#39
 cis-1,3-Dichloropropene
 Concen: 1.452 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV017879.D
 Acq: 09 Aug 2020 01:12

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L12

Tot Ion: 75 Resp: 2743
 Ion Ratio Lower Upper
 75 100
 77 53.9 23.7 44.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.583 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV017879.D
 Acq: 09 Aug 2020 01:12

Tgt Ion: 75 Resp: 9442
 Ion Ratio Lower Upper
 75 100
 77 47.2 26.4 39.6#

