

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018266.D
 Acq On : 17 Sep 2020 03:28
 Operator : SY/MD
 Sample : L4042-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:37:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287001	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	286721	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135540	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93802	40.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	79622	41.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.12	63	136427	31.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.60%
21) 2-Butanone-d5	3.92	46	120625	84.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.26%
24) Chloroform-d	4.38	84	171810	42.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.68%
26) 1,2-Dichloroethane-d4	5.06	65	114197	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
32) Benzene-d6	5.08	84	345756	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.24%
36) 1,2-Dichloropropane-d6	6.09	67	110402	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.66%
41) Toluene-d8	7.34	98	309051	41.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.62%
43) trans-1,3-Dichloropropene-	7.64	79	52074	39.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.58%
47) 2-Hexanone-d5	8.11	63	85268	86.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	145250	44.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	129705	46.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

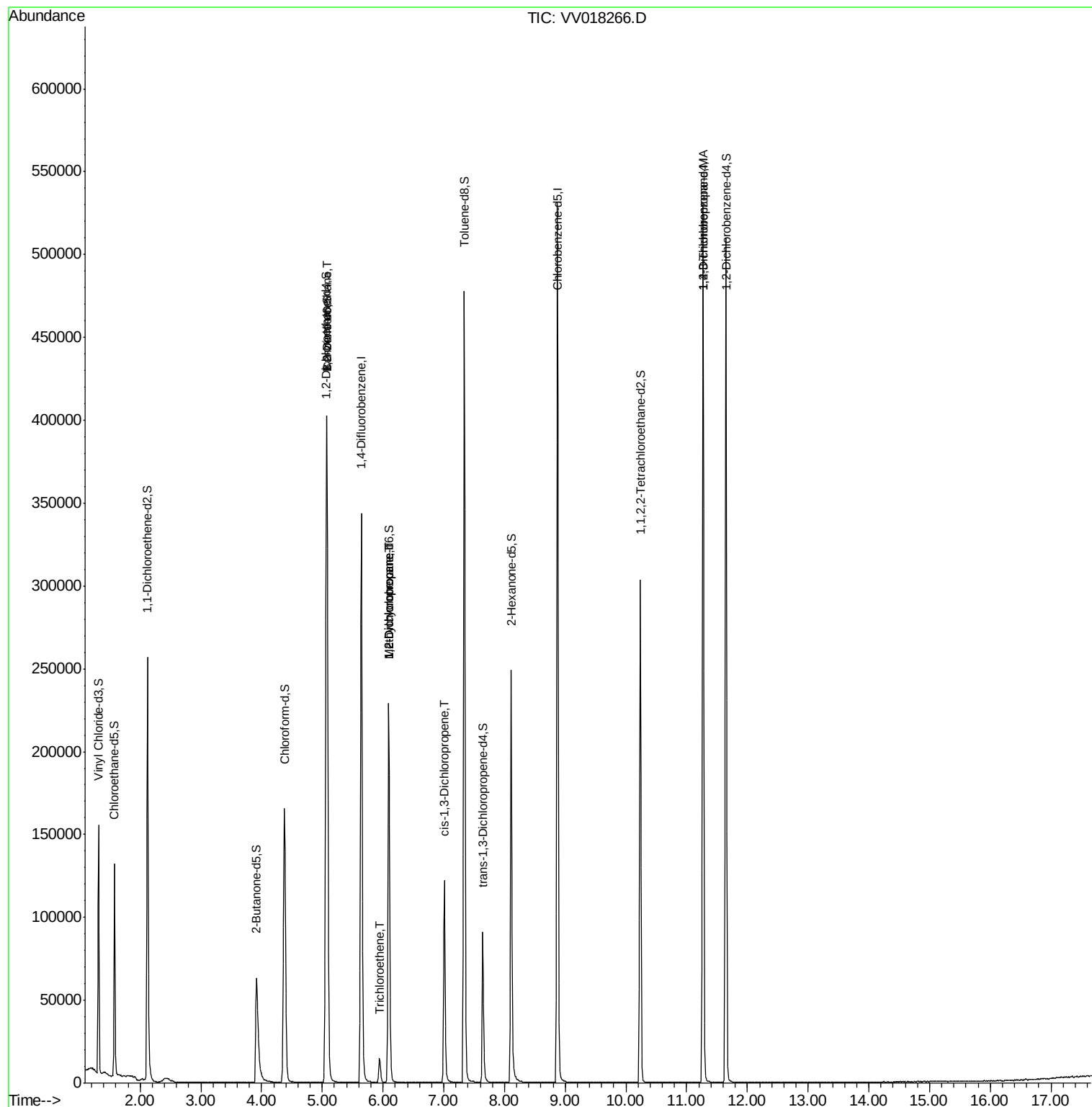
					Ovalue
27) 1,2-Dichloroethane	5.08	62	1995	0.690 ug/L #	74
34) Trichloroethene	5.95	95	4958	2.220 ug/L	96
35) Methylcyclohexane	6.09	83	26439	7.863 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12544	5.775 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2791	0.834 ug/L #	52
59) 1,2,3-Trichloropropane	11.27	75	15225	5.959 ug/L	91

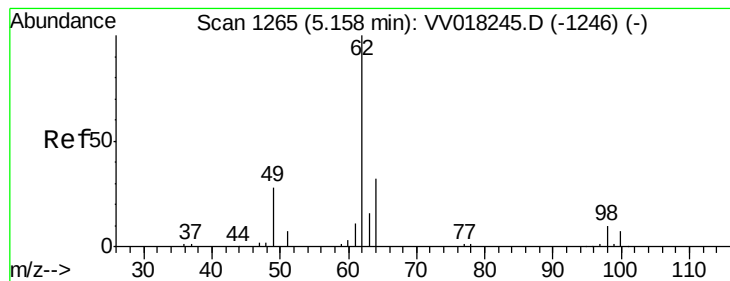
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 17 05:33:55 2020
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.690 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV018266.D

Acq: 17 Sep 2020 03:28

Instrument :

MSVOA_V

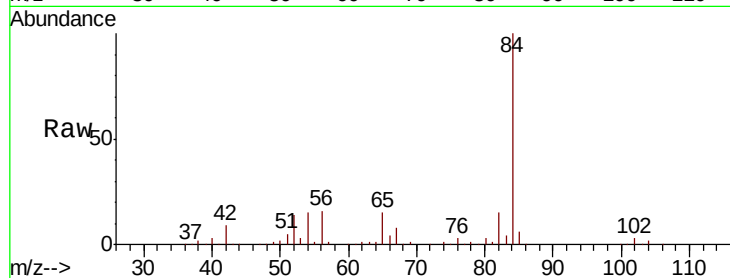
ClientSampled :

Tot Ion: 62 Resp: 1995

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

5.08

1000

800

600

400

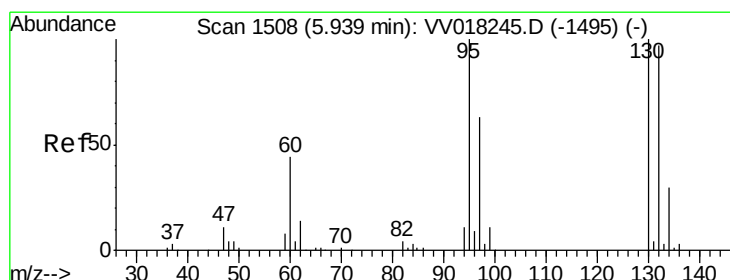
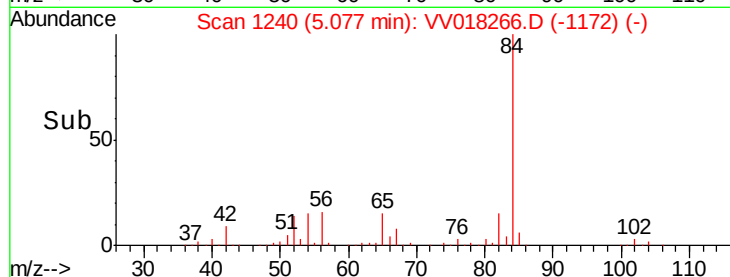
200

0

5.05

5.10

Time-->



#34

Trichloroethene

Concen: 2.220 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018266.D

Acq: 17 Sep 2020 03:28

Tgt Ion: 95 Resp: 4958

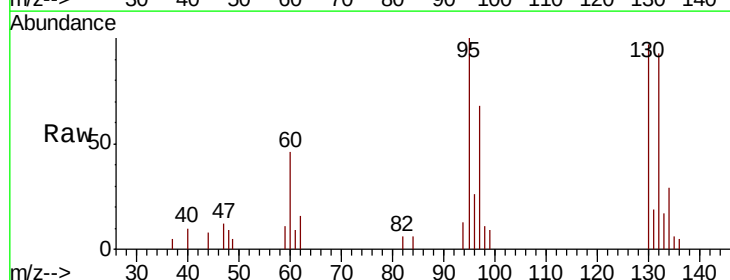
Ion Ratio Lower Upper

95 100

97 67.7 46.3 85.9

132 93.5 68.1 126.5

130 97.3 71.5 132.9



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): V

Ion 130.00 (129.70 to 130.70): V

3000

2000

1000

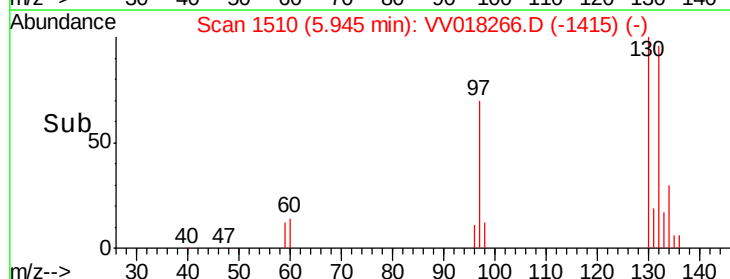
0

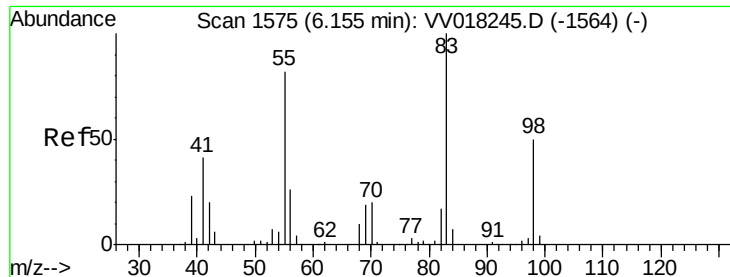
5.90

5.95

6.00

Time-->

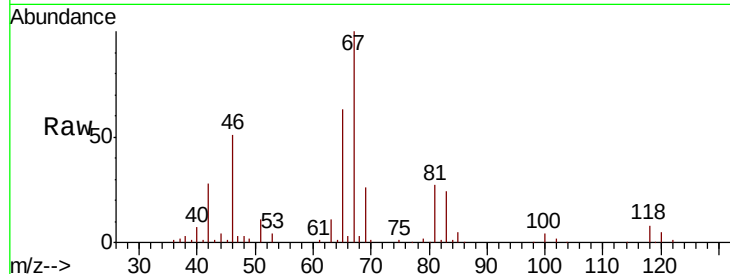




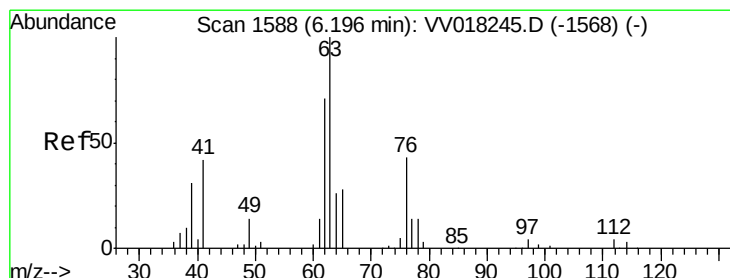
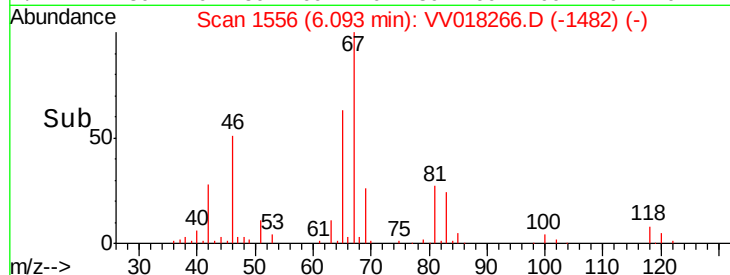
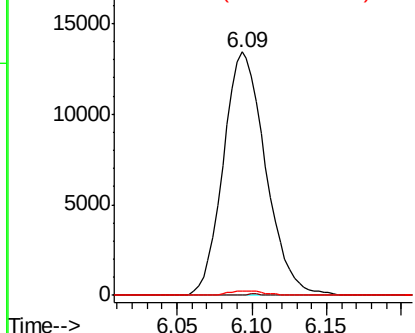
#35
Methylvlcyclohexane
Concen: 7.863 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018266.D
Acq: 17 Sep 2020 03:28

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 26439
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.5 38.8 58.2#

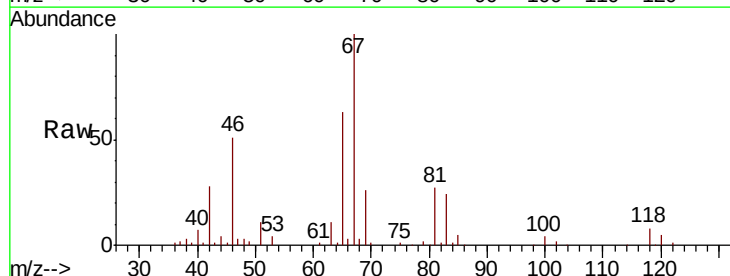


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

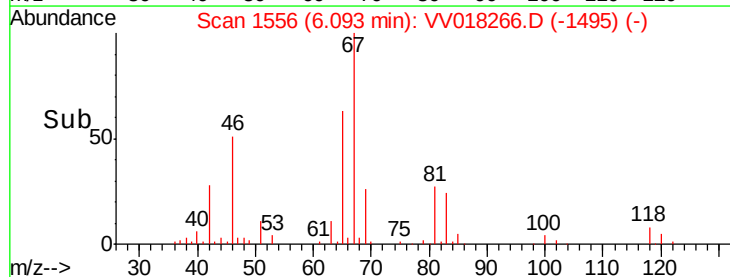
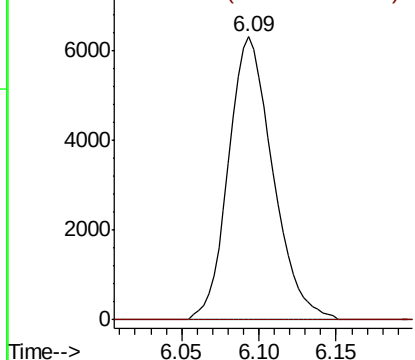


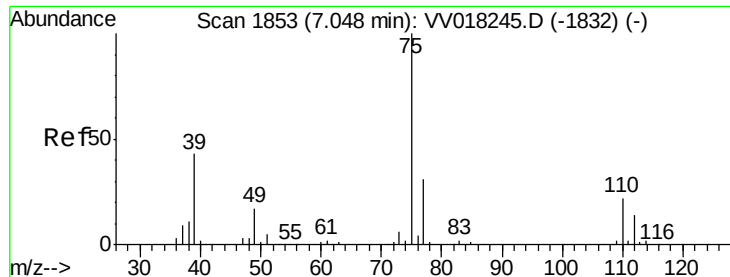
#37
1,2-Dichloropropane
Concen: 5.775 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018266.D
Acq: 17 Sep 2020 03:28

Tgt Ion: 63 Resp: 12544
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

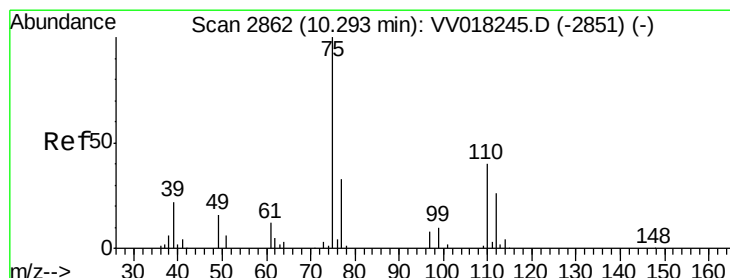
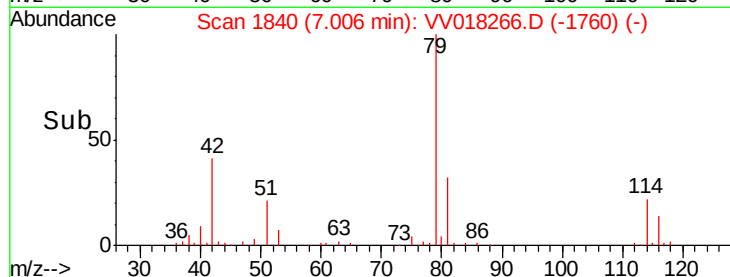
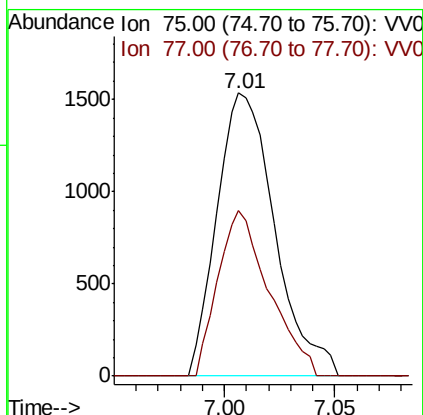
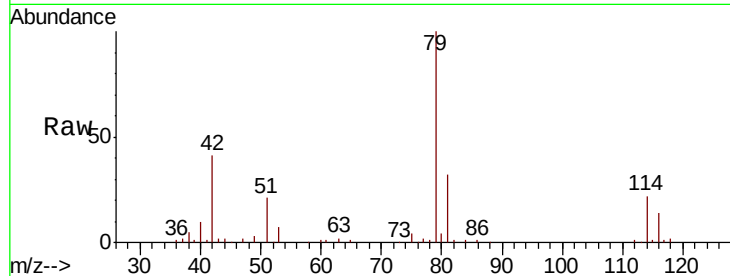




#39
 cis-1,3-Dichloropropene
 Concen: 0.834 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018266.D
 Acq: 17 Sep 2020 03:28

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 2791
 Ion Ratio Lower Upper
 75 100
 77 58.4 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.959 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018266.D
 Acq: 17 Sep 2020 03:28

Tgt Ion: 75 Resp: 15225
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.8 38.6

