

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018264.D
 Acq On : 17 Sep 2020 02:42
 Operator : SY/MD
 Sample : L4042-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:36:58 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	282815	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135235	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91874	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.72%
7) Chloroethane-d5	1.58	69	76271	40.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.88%
11) 1,1-Dichloroethene-d2	2.12	63	131792	31.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.34%
21) 2-Butanone-d5	3.92	46	115346	81.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.76%
24) Chloroform-d	4.38	84	167470	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.76%
26) 1,2-Dichloroethane-d4	5.06	65	111924	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.32%
32) Benzene-d6	5.08	84	335380	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.24%
36) 1,2-Dichloropropane-d6	6.09	67	107333	41.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.84%
41) Toluene-d8	7.34	98	298380	40.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.26%
43) trans-1,3-Dichloropropene-	7.64	79	50253	38.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.24%
47) 2-Hexanone-d5	8.11	63	83555	86.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140398	43.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	126002	45.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.74%

Target Compounds

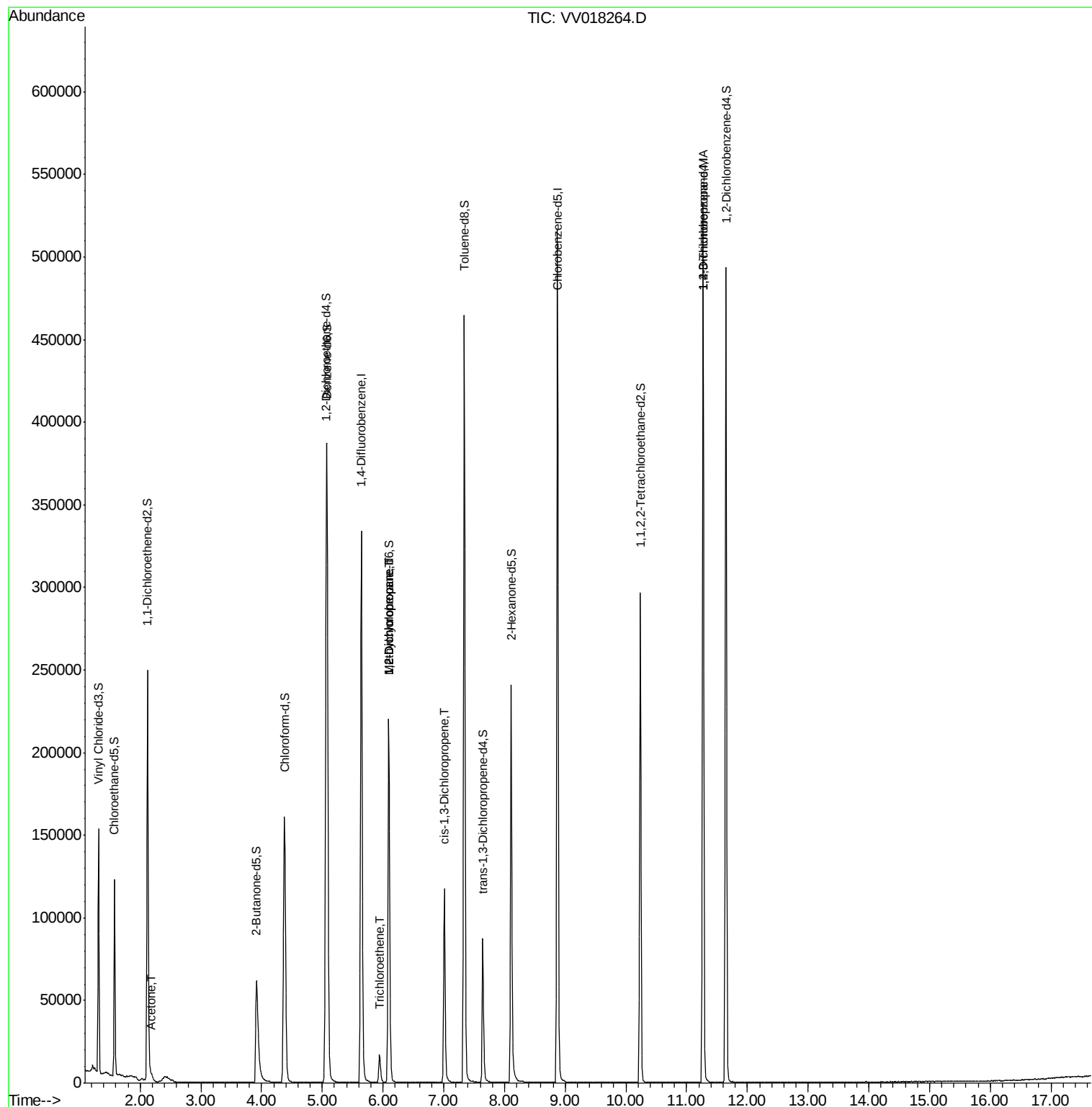
					Ovalue
13) Acetone	2.20	43	4052	3.587 ug/L	79
34) Trichloroethene	5.95	95	6216	2.835 ug/L	98
35) Methylcyclohexane	6.10	83	25479	7.719 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11743	5.506 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2691	0.819 ug/L #	65
59) 1,2,3-Trichloropropane	11.27	75	15561	6.204 ug/L	95

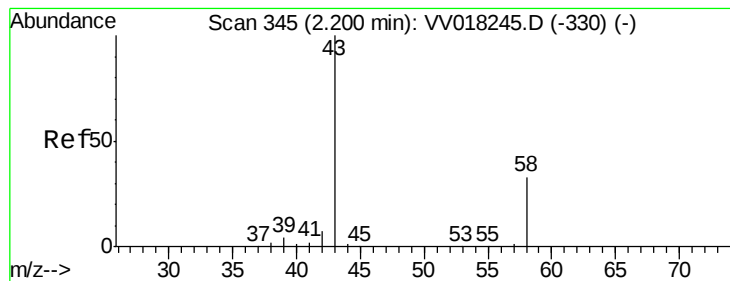
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 3.587 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018264.D

Acq: 17 Sep 2020 02:42

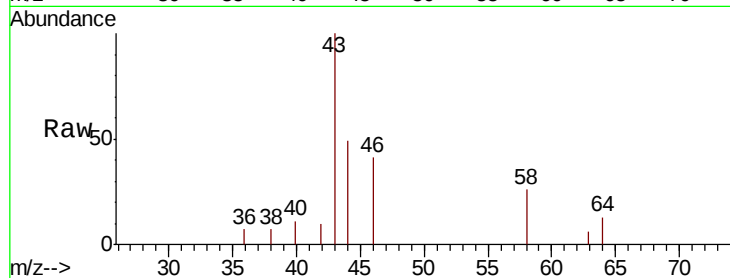
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4052

Ion Ratio Lower Upper

43 100

58 21.9 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018245.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018245.D (-330) (-)

2.20

1500

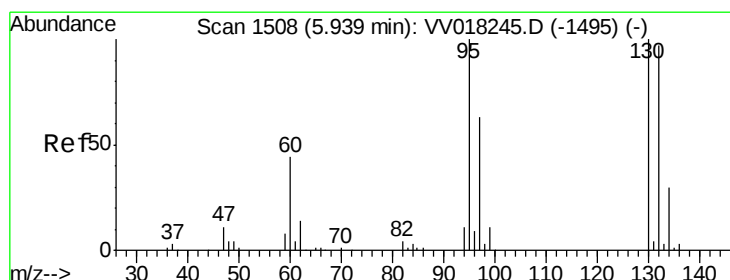
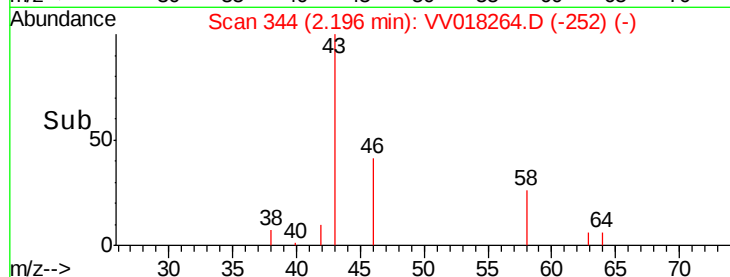
1000

500

0

2.15 2.20 2.25

Time-->



#34

Trichloroethene

Concen: 2.835 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018264.D

Acq: 17 Sep 2020 02:42

Tgt Ion: 95 Resp: 6216

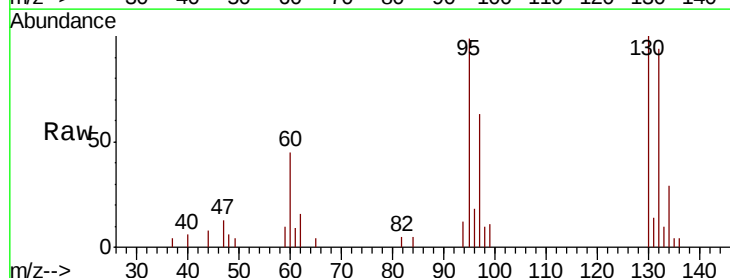
Ion Ratio Lower Upper

95 100

97 64.0 46.3 85.9

132 94.9 68.1 126.5

130 101.2 71.5 132.9



Abundance Ion 95.00 (94.70 to 95.70): VV018245.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV018245.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV018245.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV018245.D (-1495) (-)

5.95

4000

3000

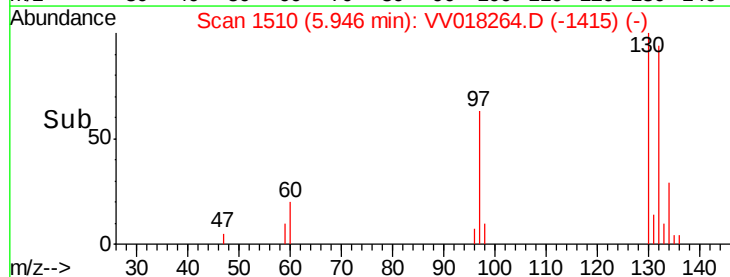
2000

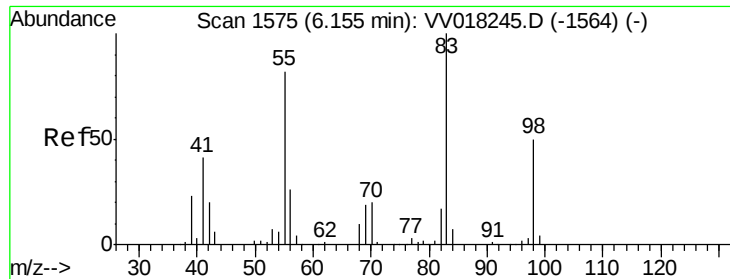
1000

0

5.90 5.95 6.00

Time-->

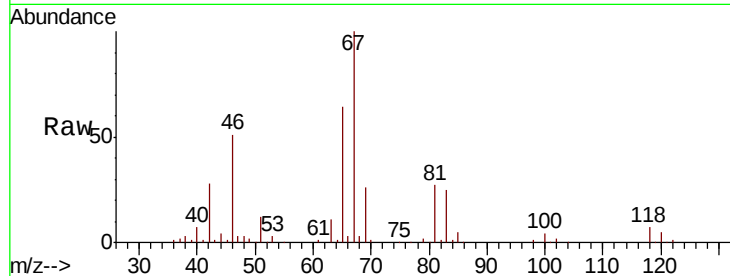




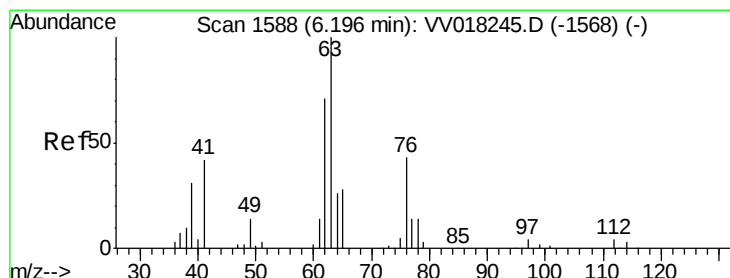
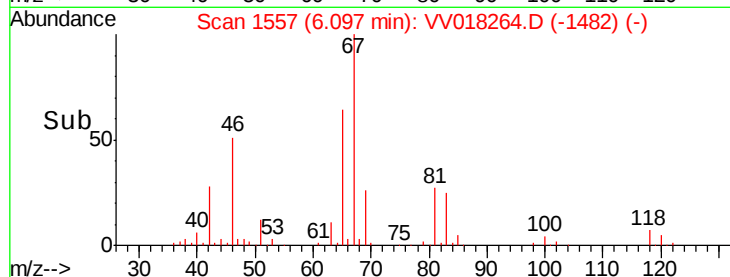
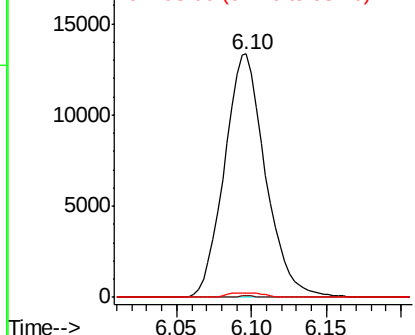
#35
Methvlcvclohexane
Concen: 7.719 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018264.D
Acq: 17 Sep 2020 02:42

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 25479
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.6 38.8 58.2#

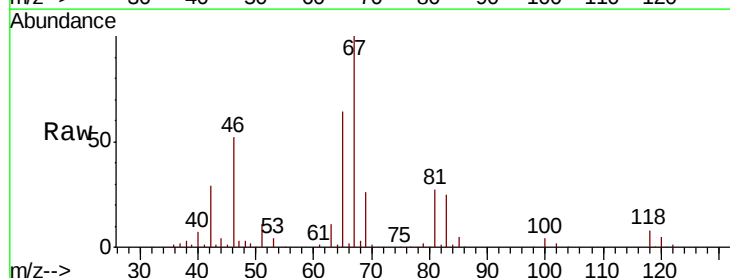


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

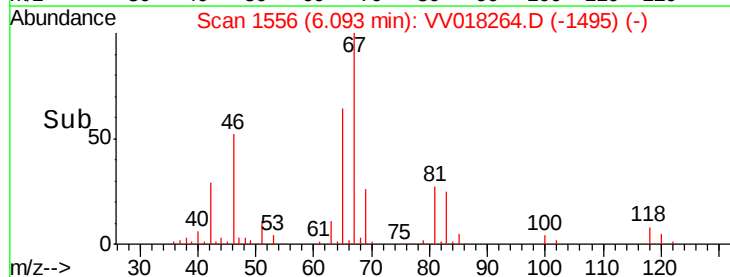
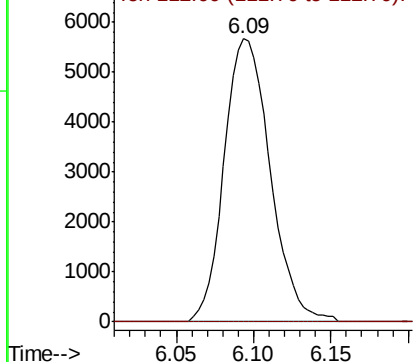


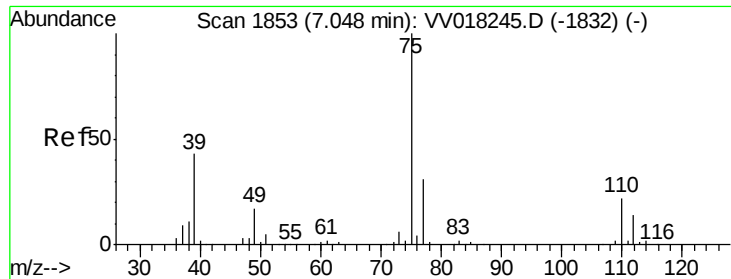
#37
1,2-Dichloropropane
Concen: 5.506 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018264.D
Acq: 17 Sep 2020 02:42

Tgt Ion: 63 Resp: 11743
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

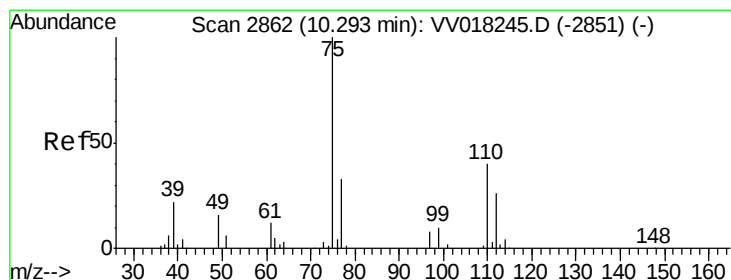
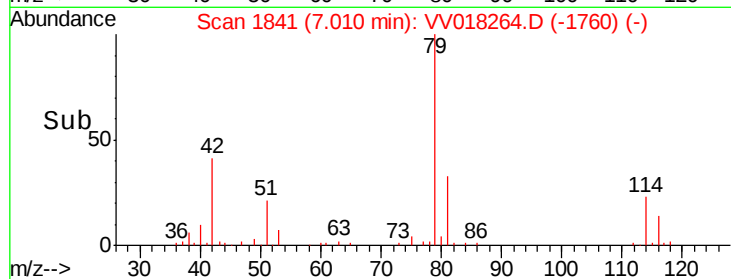
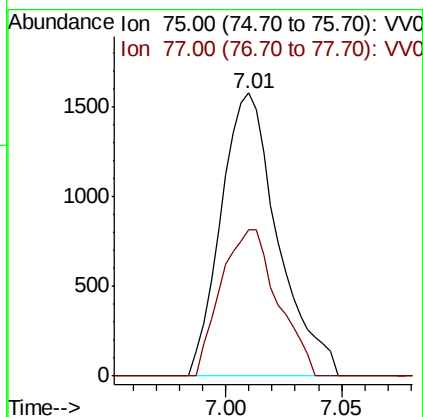
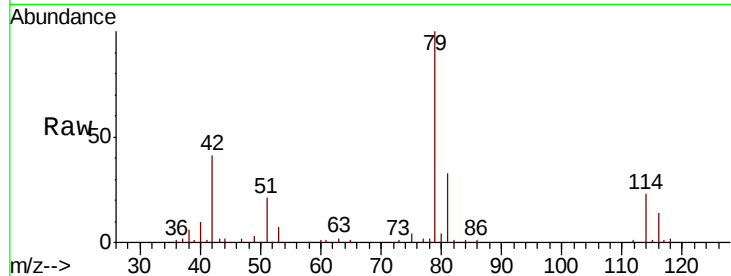




#39
 cis-1,3-Dichloropropene
 Concen: 0.819 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018264.D
 Acq: 17 Sep 2020 02:42

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 2691
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 6.204 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018264.D
 Acq: 17 Sep 2020 02:42

Tgt Ion: 75 Resp: 15561
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.8 38.6

