

Data File : VV012853.D
Acq On : 16 Sep 2019 23:08
Operator : SY/MD
Sample : K4834-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMF8

Quant Time: Sep 17 07:27:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	389417	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	385104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	139153	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124031	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	102135	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	159463	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.98	46	207154	55.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.14%
24) Chloroform-d	4.40	84	201929	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	102738	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.09	84	411969	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	127748	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	315030	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.66	79	38129	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.14	63	109868	47.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72710	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	107626	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

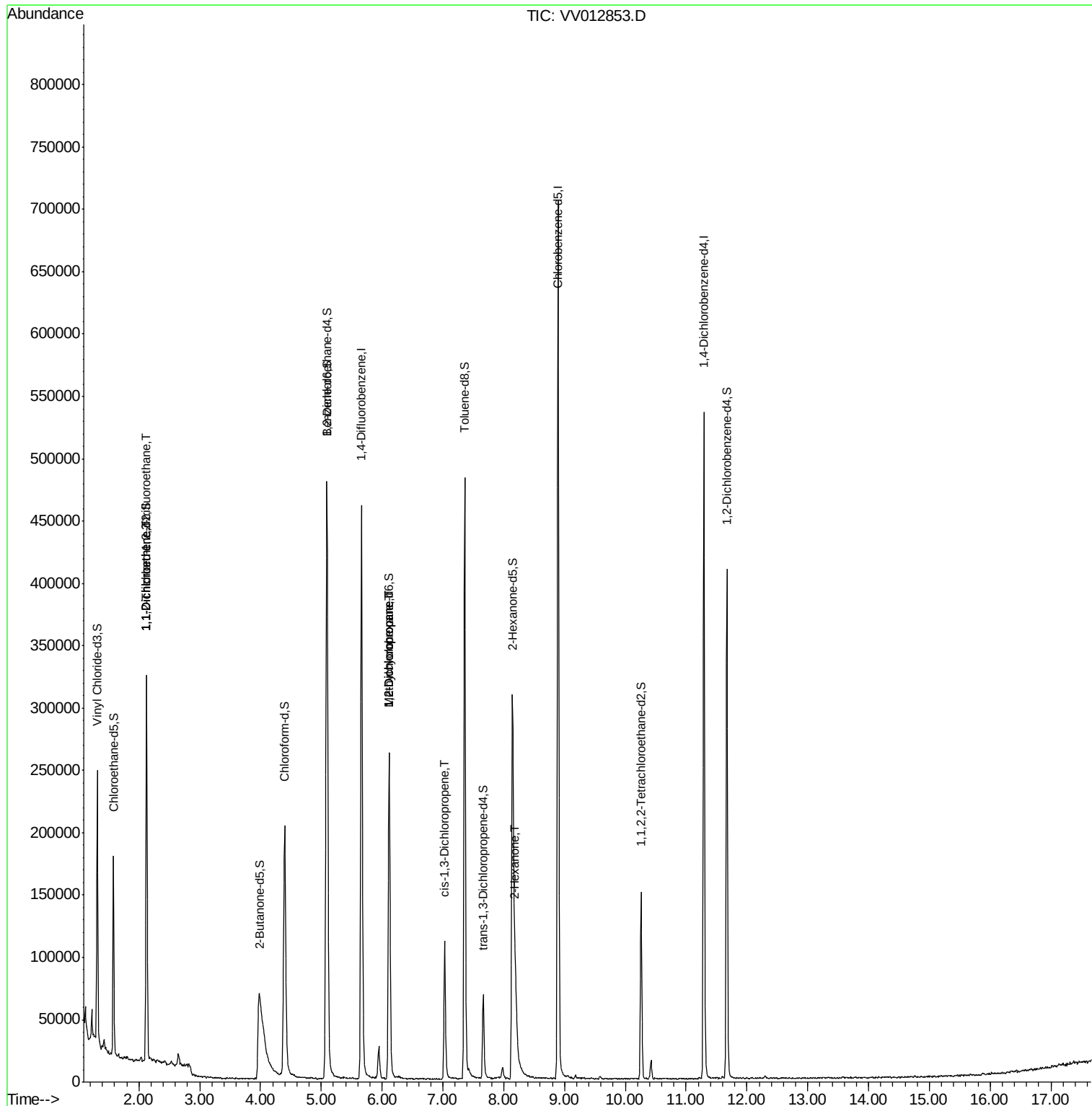
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1900	0.082	ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1561	0.073	ug/L #	1
35) Methylcyclohexane	6.12	83	29651	0.869	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	14203	0.542	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2982	0.092	ug/L #	64
48) 2-Hexanone	8.19	43	41076	3.722	ug/L #	86

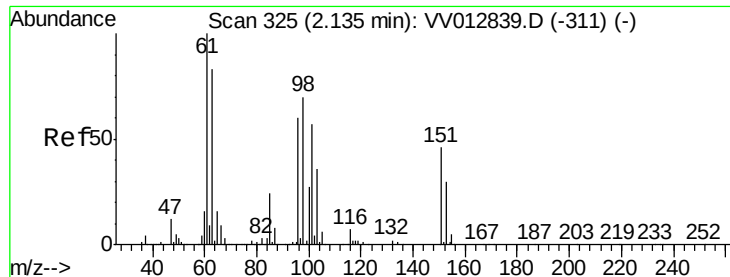
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Acq: 16 Sep 2019 23:08

Instrument :

MSVOA_V

ClientSampled :

COMF8

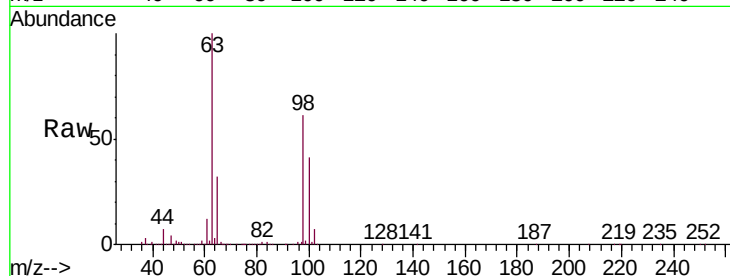
Tgt Ion: 101 Resp: 1900

Ion Ratio Lower Upper

101 100

85 3.3 32.9 49.3#

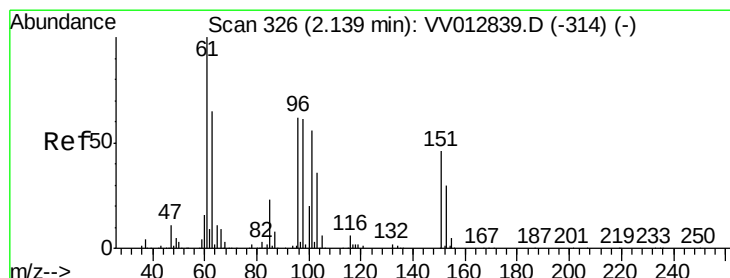
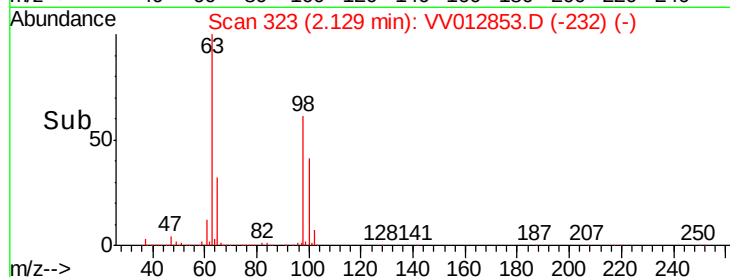
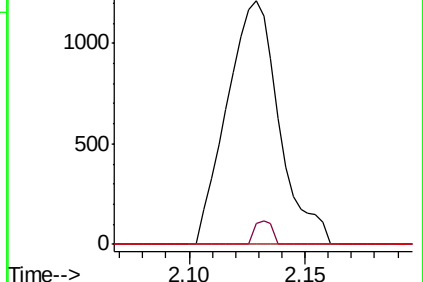
151 2.5 65.0 97.6#



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: 0.073 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.02 min

Lab File: VV012853.D

Acq: 16 Sep 2019 23:08

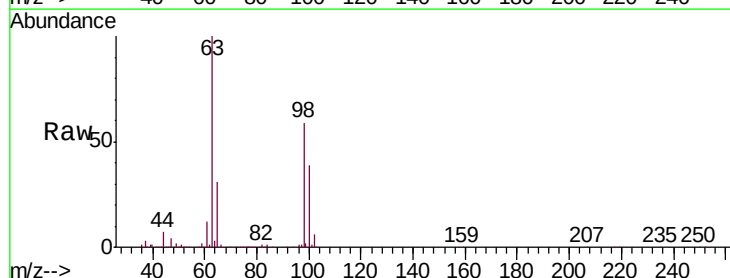
Tgt Ion: 96 Resp: 1561

Ion Ratio Lower Upper

96 100

61 1279.1 120.1 223.1#

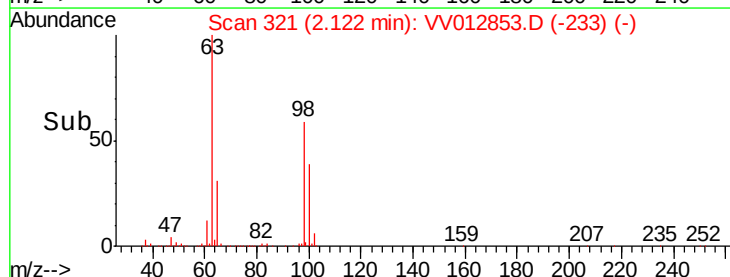
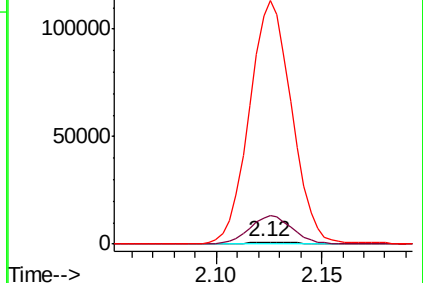
63 11054.0 88.3 164.1#

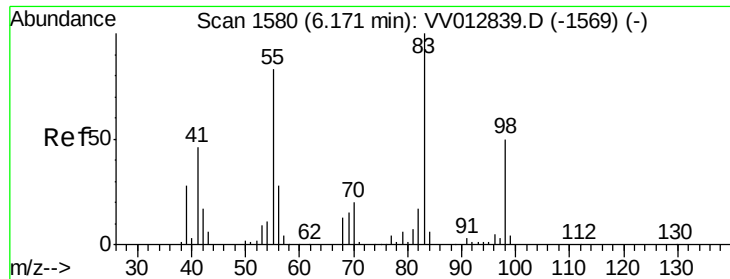


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

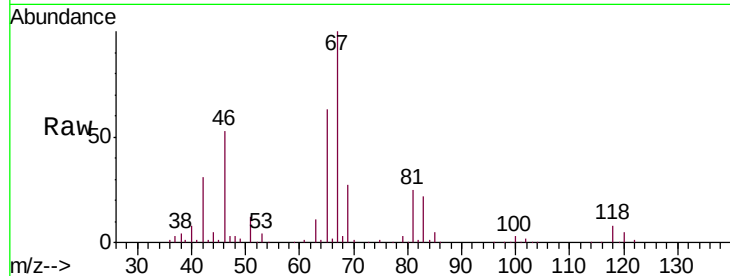




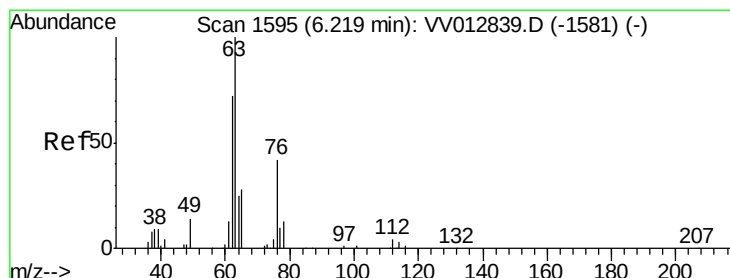
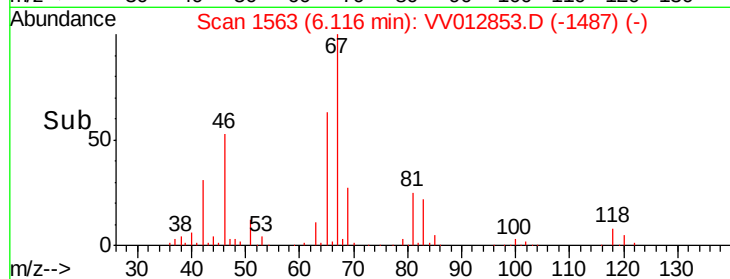
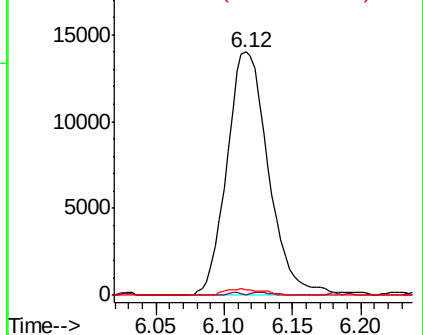
#35
Methylcyclohexane
Concen: 0.869 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
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Instrument :
MSVOA_V
ClientSampled :
COMF8

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.4	98.2#
98	2.2	39.0	58.4#

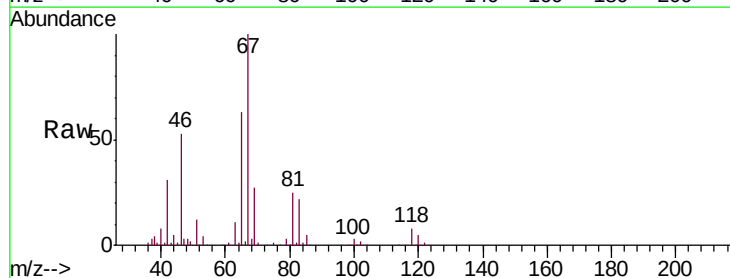


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

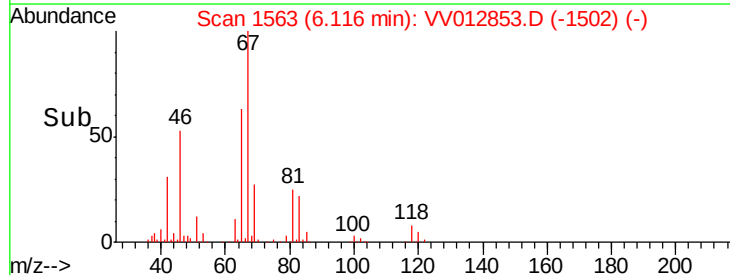
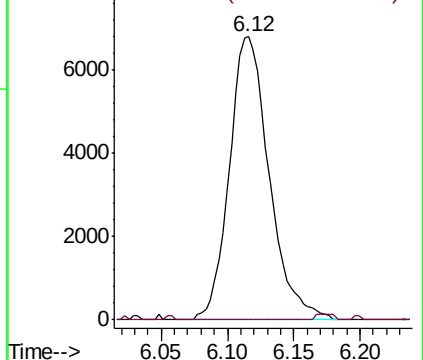


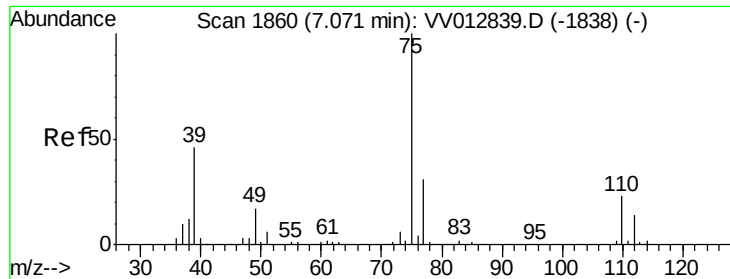
#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012853.D
Acq: 16 Sep 2019 23:08

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.9	4.2	6.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

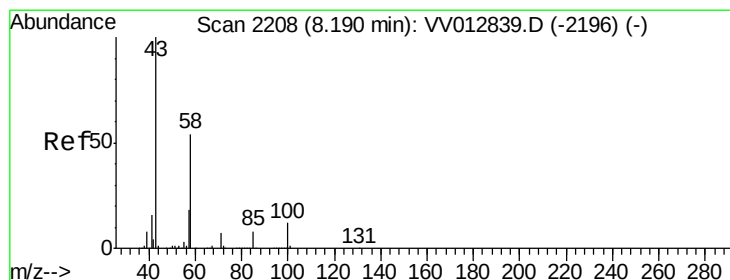
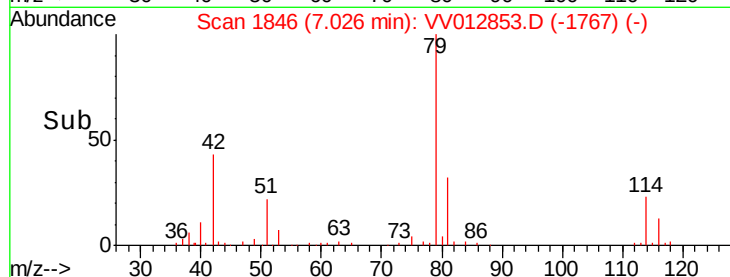
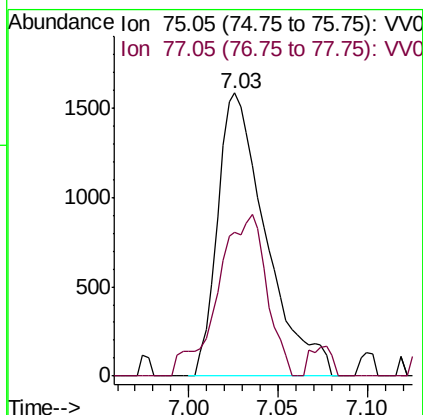
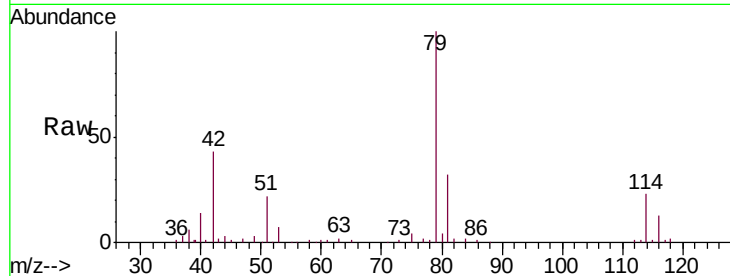




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV012853.D
 Acq: 16 Sep 2019 23:08

Instrument :
 MSVOA_V
 ClientSampleId :
 COMF8

Tgt Ion: 75 Resp: 2982
 Ion Ratio Lower Upper
 75 100
 77 50.9 21.8 40.6#



#48
 2-Hexanone
 Concen: 3.722 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VV012853.D
 Acq: 16 Sep 2019 23:08

Tgt Ion: 43 Resp: 41076
 Ion Ratio Lower Upper
 43 100
 58 42.7 44.8 67.2#
 57 15.9 15.0 22.6
 100 10.5 8.8 13.2

