

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014675.D
 Acq On : 22 Feb 2020 00:15
 Operator : SY/MD
 Sample : L1608-03 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:38:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 04:25:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	221388	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	204984	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	97757	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34135	39.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.96%
7) Chloroethane-d5	1.59	69	27609	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.12%
11) 1,1-Dichloroethene-d2	2.13	63	55908	34.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.38%
21) 2-Butanone-d5	3.96	46	75869	94.40	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.40%
24) Chloroform-d	4.40	84	132975	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
26) 1,2-Dichloroethane-d4	5.08	65	89070	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
32) Benzene-d6	5.10	84	262756	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
36) 1,2-Dichloropropane-d6	6.11	67	77705	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.24%
41) Toluene-d8	7.36	98	243314	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%
43) trans-1,3-Dichloropropene-	7.66	79	39907	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.13	63	60968	96.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.16%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	110188	50.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.54%
64) 1,2-Dichlorobenzene-d4	11.67	152	94329	49.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.64%

Target Compounds

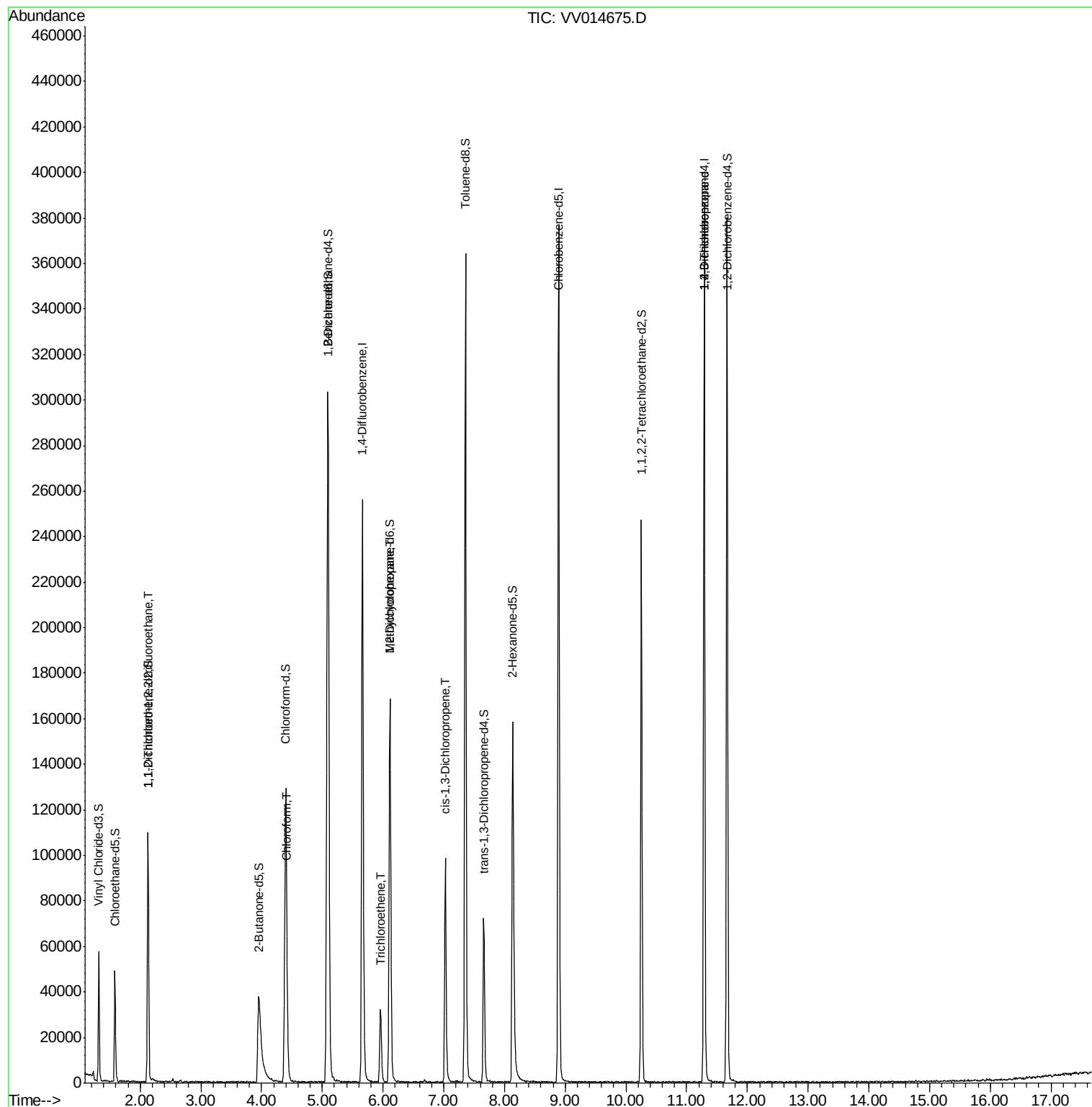
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	582	0.776 ug/L #	17
25) Chloroform	4.42	83	4672	1.703 ug/L	87
34) Trichloroethene	5.96	95	10061	6.538 ug/L	96
35) Methylcyclohexane	6.12	83	20995	9.558 ug/L #	21
39) cis-1,3-Dichloropropene	7.03	75	2775	1.202 ug/L #	62
59) 1,2,3-Trichloropropane	11.29	75	10956	6.263 ug/L	90

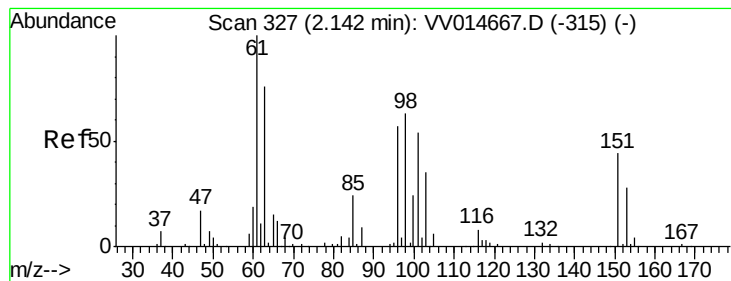
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 24 04:25:56 2020
Response via : Initial Calibration





#10

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

Concen: 0.776 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014675.D

Acq: 22 Feb 2020 00:15

Instrument :

MSVOA_V

ClientSampleId :

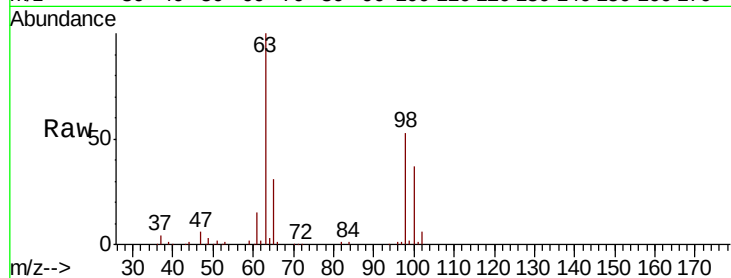
Tot Ion:101 Resp: 582

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

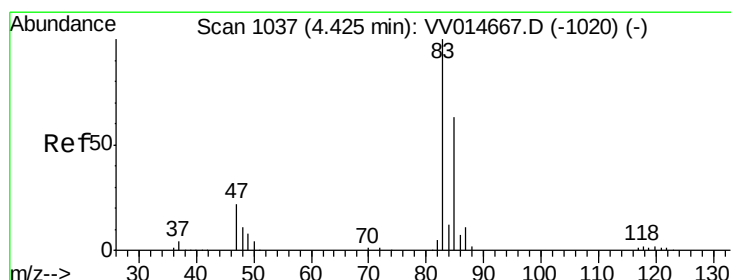
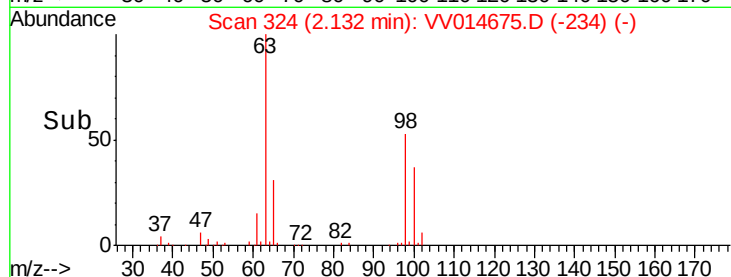
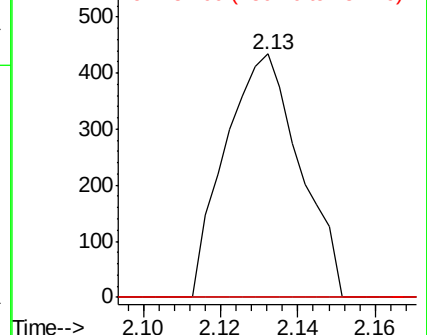
151 0.0 64.6 96.8#



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



#25

Chloroform

Concen: 1.703 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014675.D

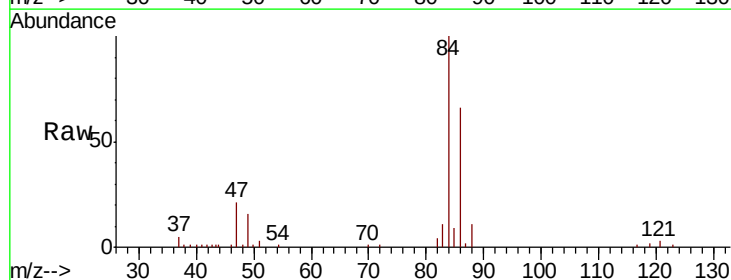
Acq: 22 Feb 2020 00:15

Tgt Ion: 83 Resp: 4672

Ion Ratio Lower Upper

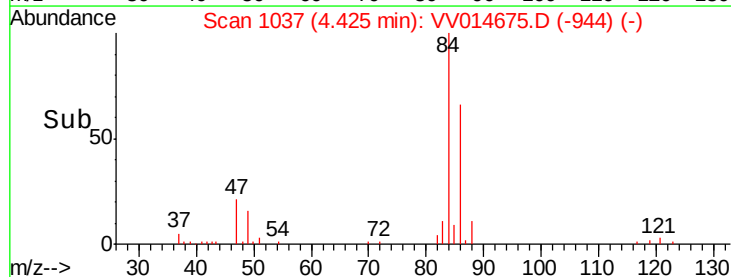
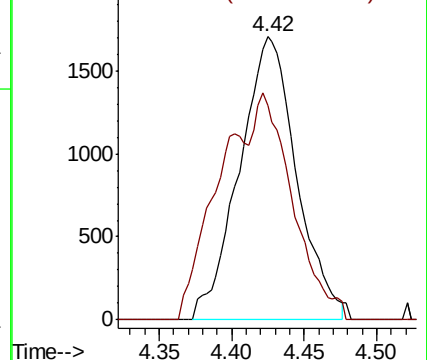
83 100

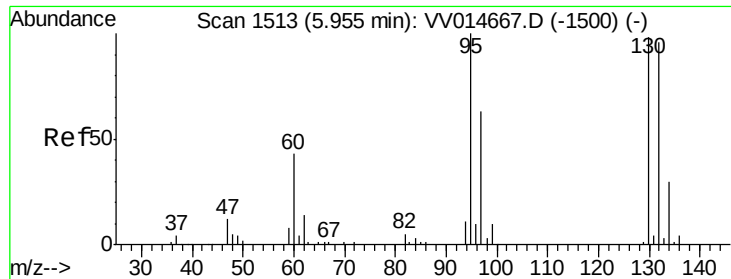
85 75.9 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

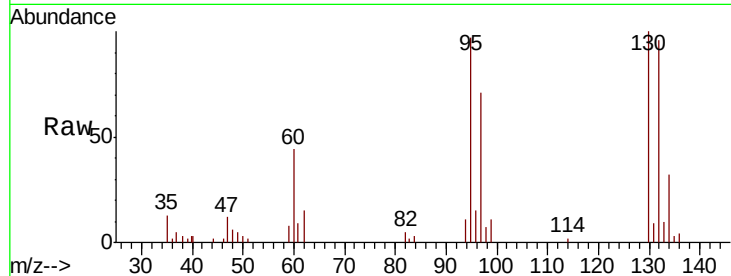




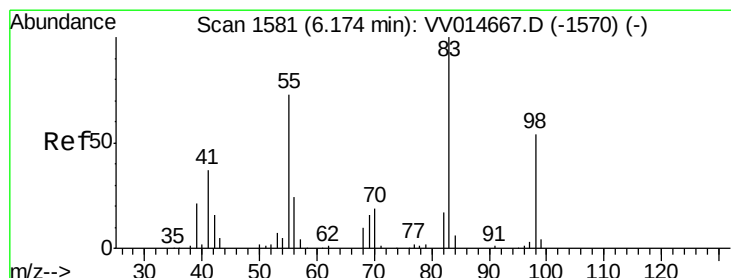
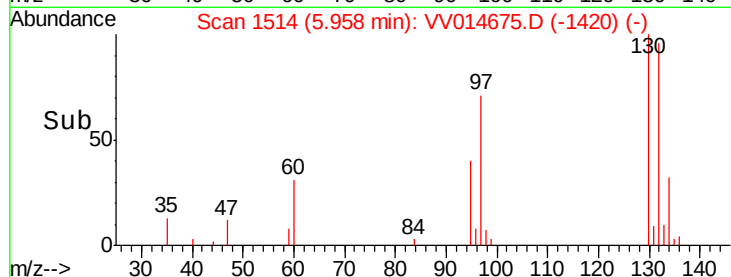
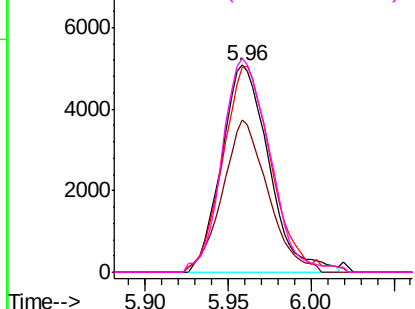
#34
 Trichloroethene
 Concen: 6.538 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV014675.D
 Acq: 22 Feb 2020 00:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	10061
Ion	Ratio	Lower	Upper
95	100		
97	73.7	44.3	82.3
132	99.3	69.7	129.4
130	103.3	71.3	132.5

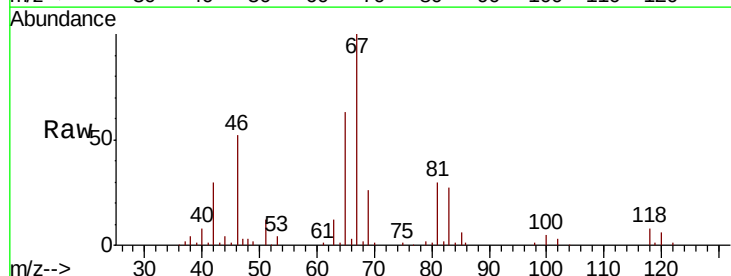


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

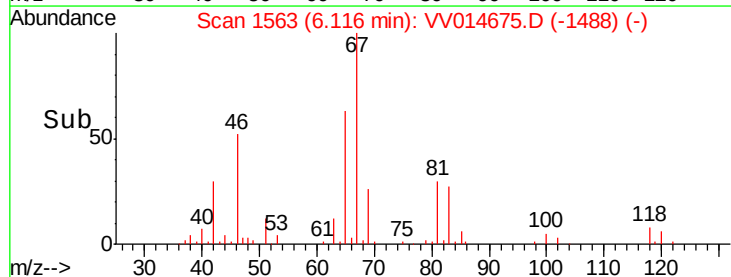
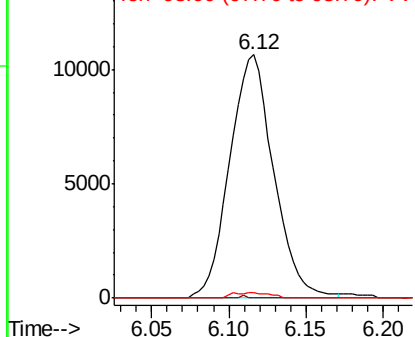


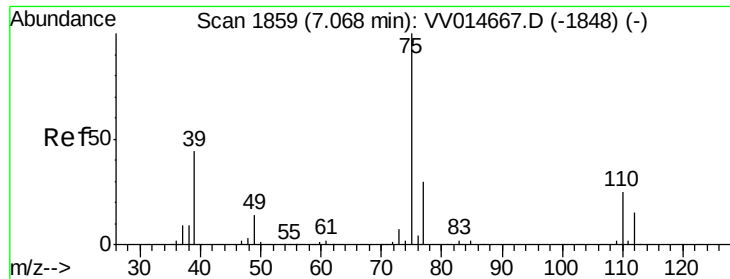
#35
 Methylcyclohexane
 Concen: 9.558 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV014675.D
 Acq: 22 Feb 2020 00:15

Tgt Ion:	83	Resp:	20995
Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.1	84.1#
98	1.4	40.4	60.6#



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

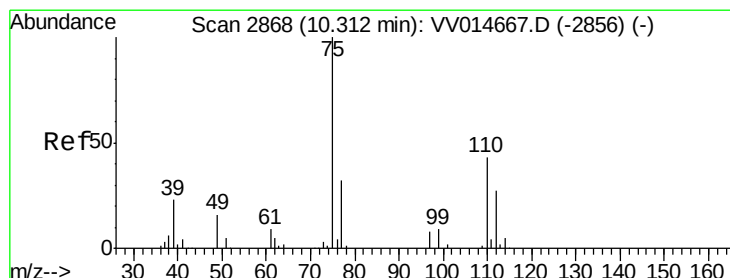
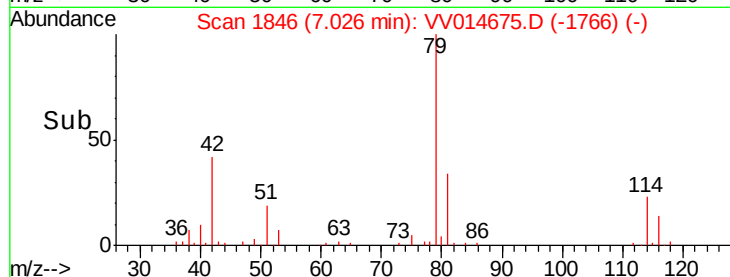
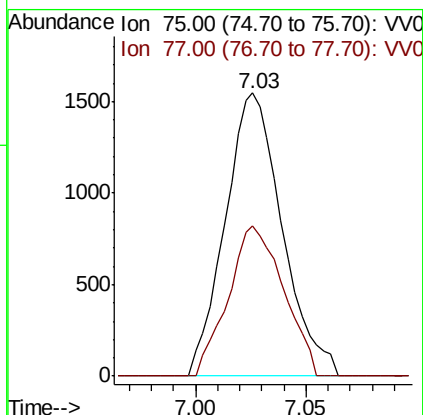
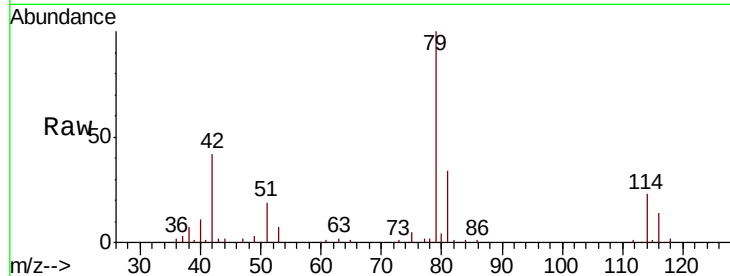




#39
 cis-1,3-Dichloropropene
 Concen: 1.202 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014675.D
 Acq: 22 Feb 2020 00:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 2775
 Ion Ratio Lower Upper
 75 100
 77 53.2 22.4 41.6#



#59
 1,2,3-Trichloropropane
 Concen: 6.263 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV014675.D
 Acq: 22 Feb 2020 00:15

Tgt Ion: 75 Resp: 10956
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.7 38.5

