

Data File : VV014637.D
Acq On : 20 Feb 2020 20:31
Operator : SY/MD
Sample : L1607-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ1

Quant Time: Feb 21 03:36:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	528414	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	489277	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	238413	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51578	25.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.84%#
7) Chloroethane-d5	1.58	69	37595	26.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	52.68%#
11) 1,1-Dichloroethene-d2	2.13	63	71539	21.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.26%#
21) 2-Butanone-d5	3.94	46	87990	52.29	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	52.29%
24) Chloroform-d	4.40	84	145796	24.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	49.28%#
26) 1,2-Dichloroethane-d4	5.08	65	102610	27.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.90%#
32) Benzene-d6	5.10	84	316400	27.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	54.08%#
36) 1,2-Dichloropropane-d6	6.11	67	92689	26.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	52.60%#
41) Toluene-d8	7.36	98	292871	26.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	52.04%#
43) trans-1,3-Dichloropropene-	7.66	79	48145	24.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.54%#
47) 2-Hexanone-d5	8.13	63	72636	51.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	51.58%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	124524	26.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	52.06%#
64) 1,2-Dichlorobenzene-d4	11.67	152	116404	27.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	55.26%#

Target Compounds

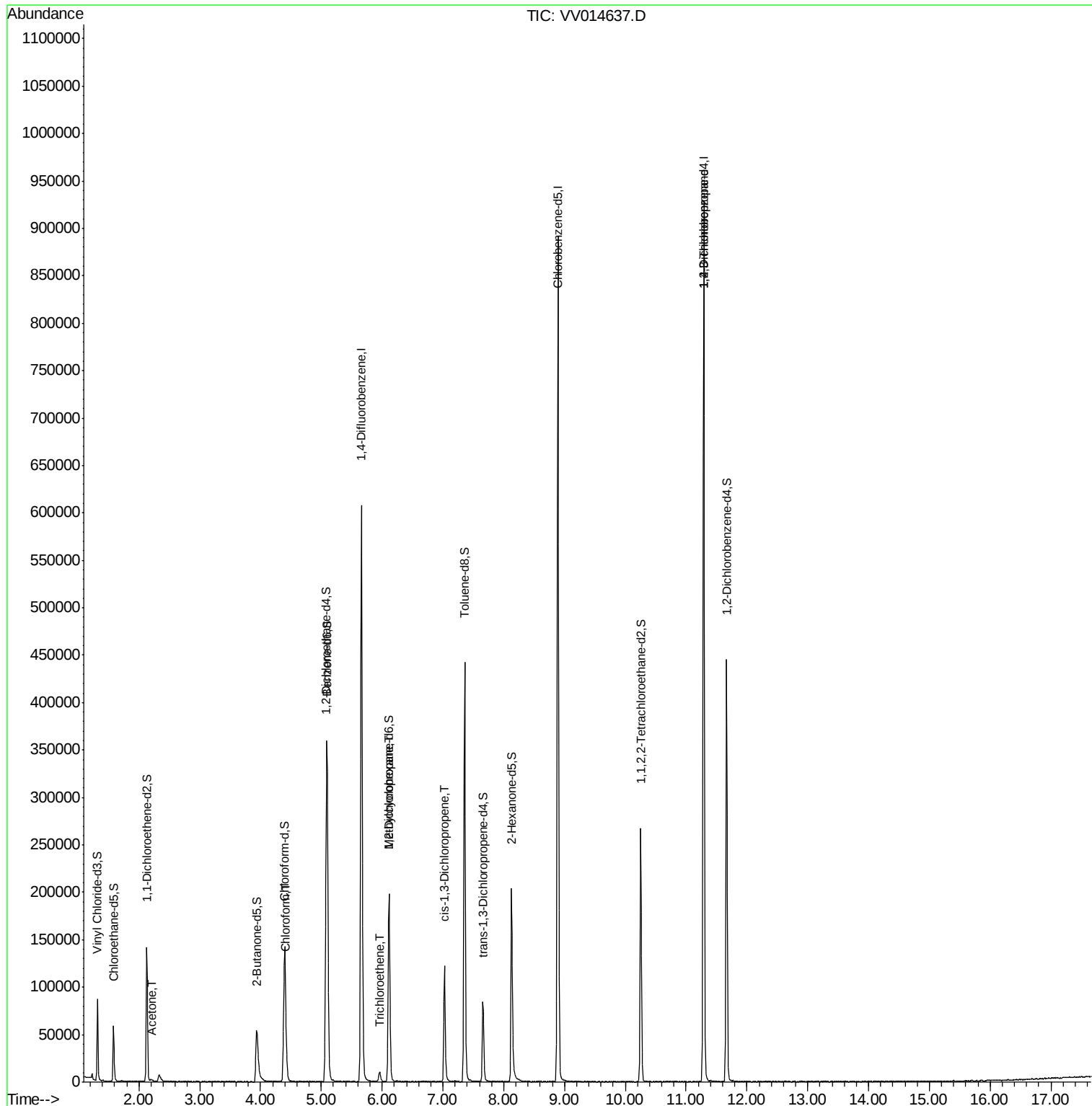
					Qvalue
13) Acetone	2.20	43	1753	1.214 ug/L	86
25) Chloroform	4.42	83	10859	1.751 ug/L	95
34) Trichloroethene	5.96	95	3049	0.880 ug/L	86
35) Methylcyclohexane	6.12	83	24689	4.549 ug/L	# 20
39) cis-1,3-Dichloropropene	7.02	75	3093	0.552 ug/L	# 80
59) 1,2,3-Trichloropropane	11.29	75	25852	6.333 ug/L	# 86

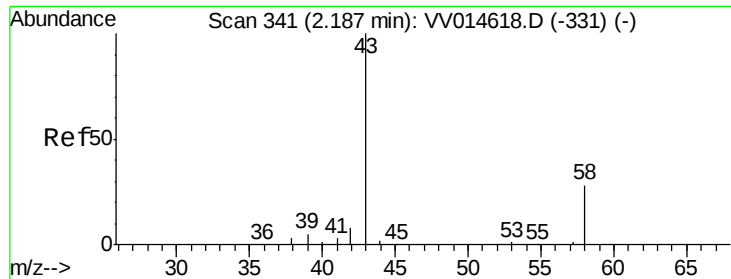
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.214 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.02 min

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Acq: 20 Feb 2020 20:31

Instrument :

MSVOA_V

ClientSampleId :

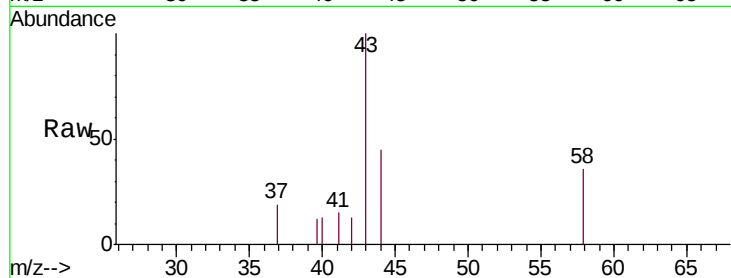
C0AQ1

Tgt Ion: 43 Resp: 1753

Ion Ratio Lower Upper

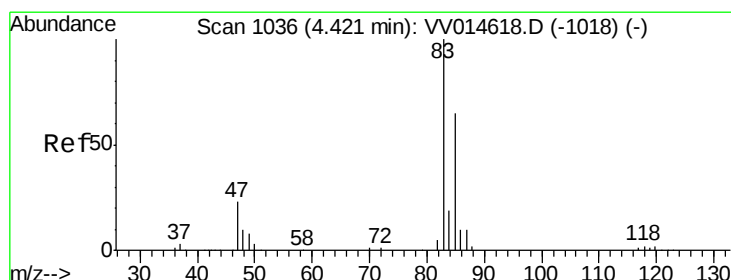
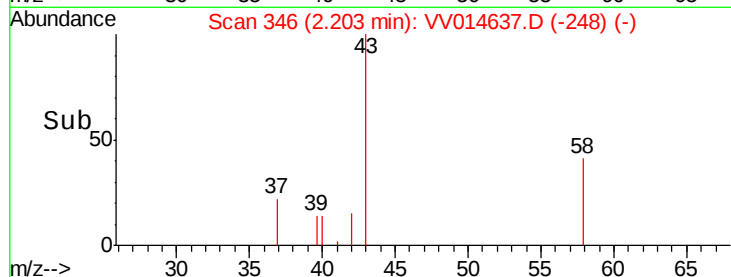
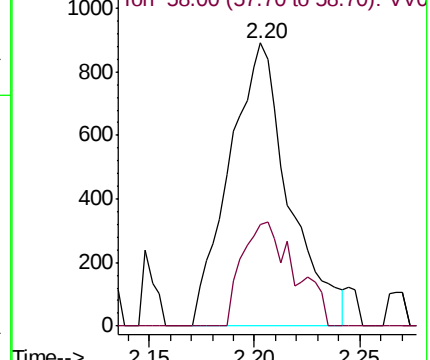
43 100

58 22.1 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV014618.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV014618.D (-331) (-)



#25

Chloroform

Concen: 1.751 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014637.D

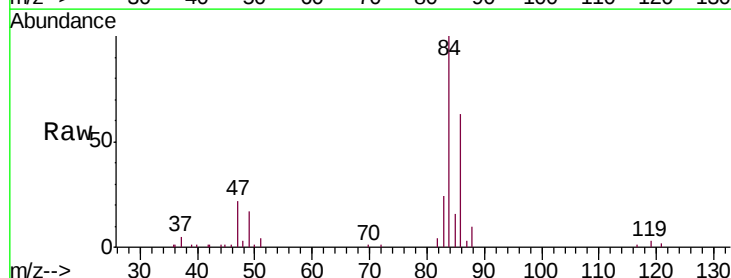
Acq: 20 Feb 2020 20:31

Tgt Ion: 83 Resp: 10859

Ion Ratio Lower Upper

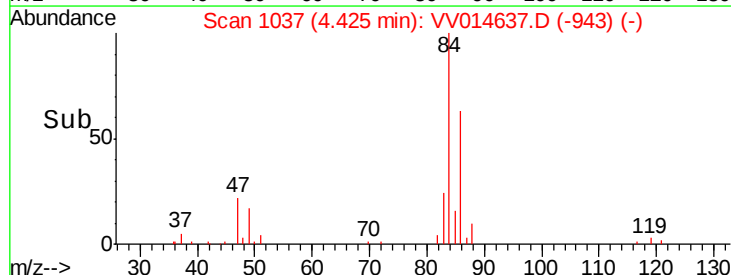
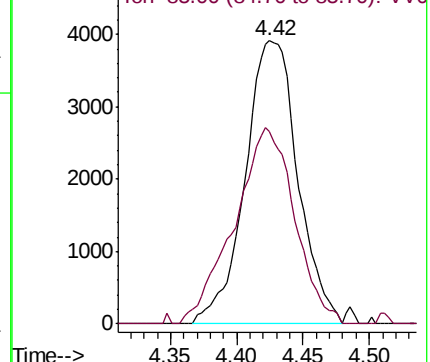
83 100

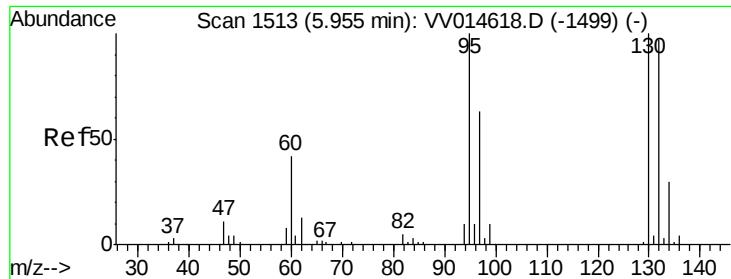
85 68.0 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV014618.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV014618.D (-1018) (-)





#34

Trichloroethene

Concen: 0.880 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV014637.D

Acq: 20 Feb 2020 20:31

Instrument :

MSVOA_V

ClientSampleId :

C0AQ1

Tgt Ion: 95 Resp: 3049

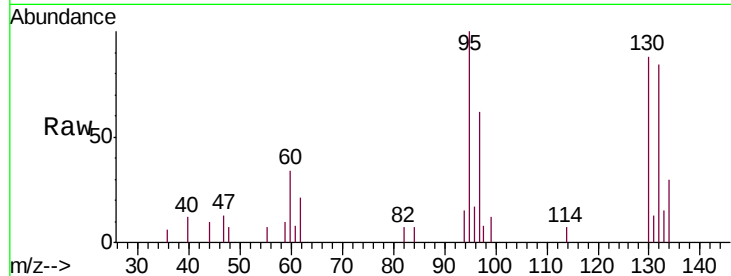
Ion Ratio Lower Upper

95 100

97 69.8 45.3 84.1

132 83.7 69.6 129.2

130 88.4 74.0 137.4



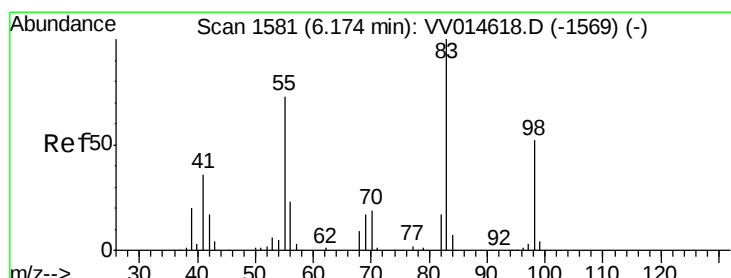
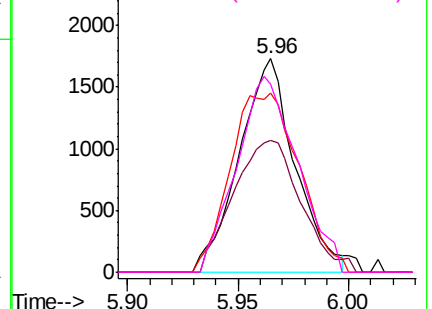
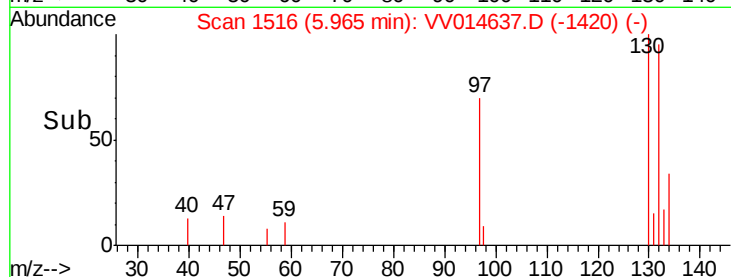
Abundance

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



#35

Methylcyclohexane

Concen: 4.549 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV014637.D

Acq: 20 Feb 2020 20:31

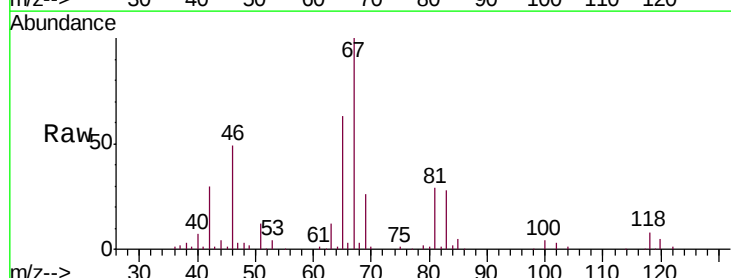
Tgt Ion: 83 Resp: 24689

Ion Ratio Lower Upper

83 100

55 0.2 57.8 86.6#

98 0.3 39.7 59.5#

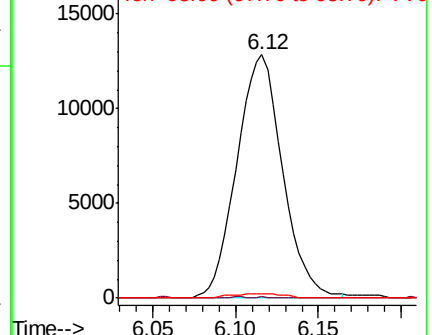
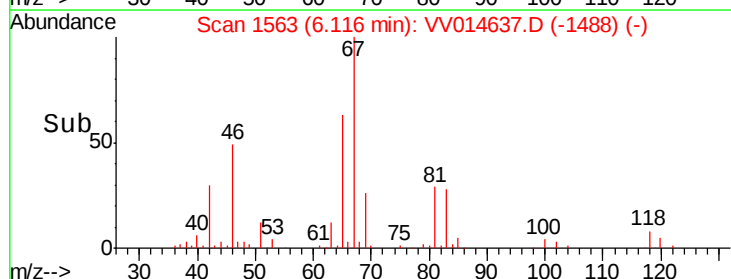


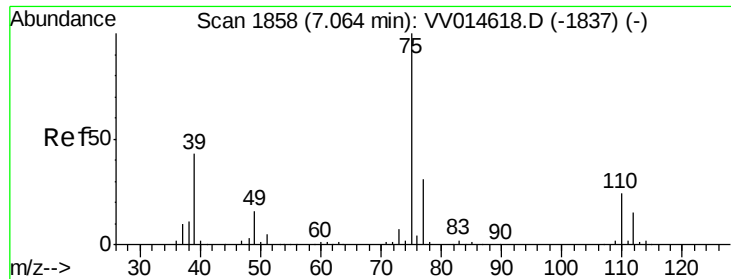
Abundance

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

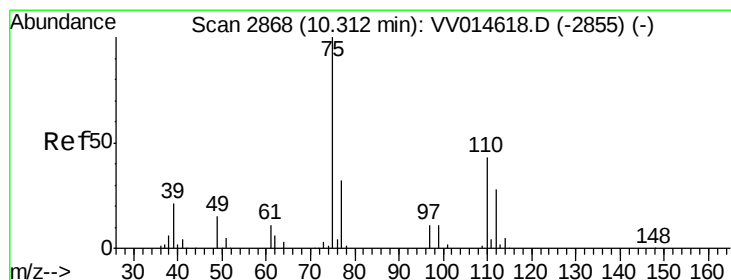
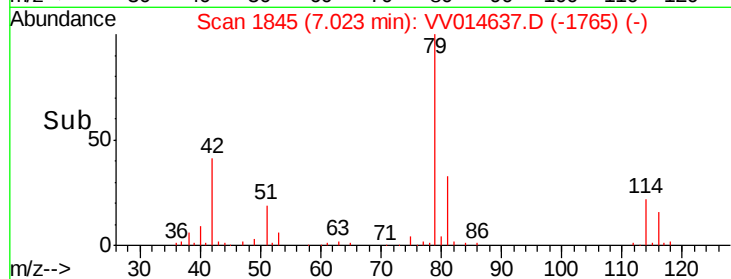
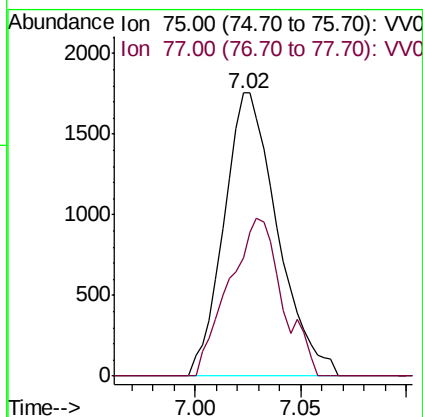
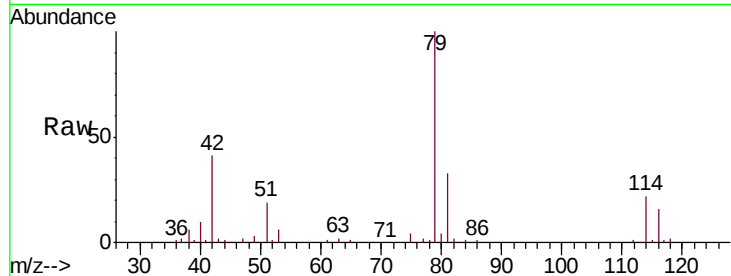




#39
 cis-1,3-Dichloropropene
 Concen: 0.552 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV014637.D
 Acq: 20 Feb 2020 20:31

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ1

Tgt Ion: 75 Resp: 3093
 Ion Ratio Lower Upper
 75 100
 77 41.8 21.7 40.3#



#59
 1,2,3-Trichloropropane
 Concen: 6.333 ug/L
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.97 min
 Lab File: VV014637.D
 Acq: 20 Feb 2020 20:31

Tgt Ion: 75 Resp: 25852
 Ion Ratio Lower Upper
 75 100
 77 40.2 25.9 38.9#

