

Data File : VV014655.D
Acq On : 21 Feb 2020 16:06
Operator : SY/MD
Sample : L1607-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AN6

Quant Time: Feb 21 23:40:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	241321	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	223900	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	106189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41399	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.84%
7) Chloroethane-d5	1.59	69	29748	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.10%
11) 1,1-Dichloroethene-d2	2.13	63	61473	34.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.98%
21) 2-Butanone-d5	3.95	46	85705	97.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.83%
24) Chloroform-d	4.40	84	140899	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.08	65	95694	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
32) Benzene-d6	5.10	84	289438	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.11	67	84281	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.54%
41) Toluene-d8	7.36	98	266421	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	7.66	79	44971	46.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.92%
47) 2-Hexanone-d5	8.13	63	68129	98.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.37%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	117129	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	11.67	152	102847	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

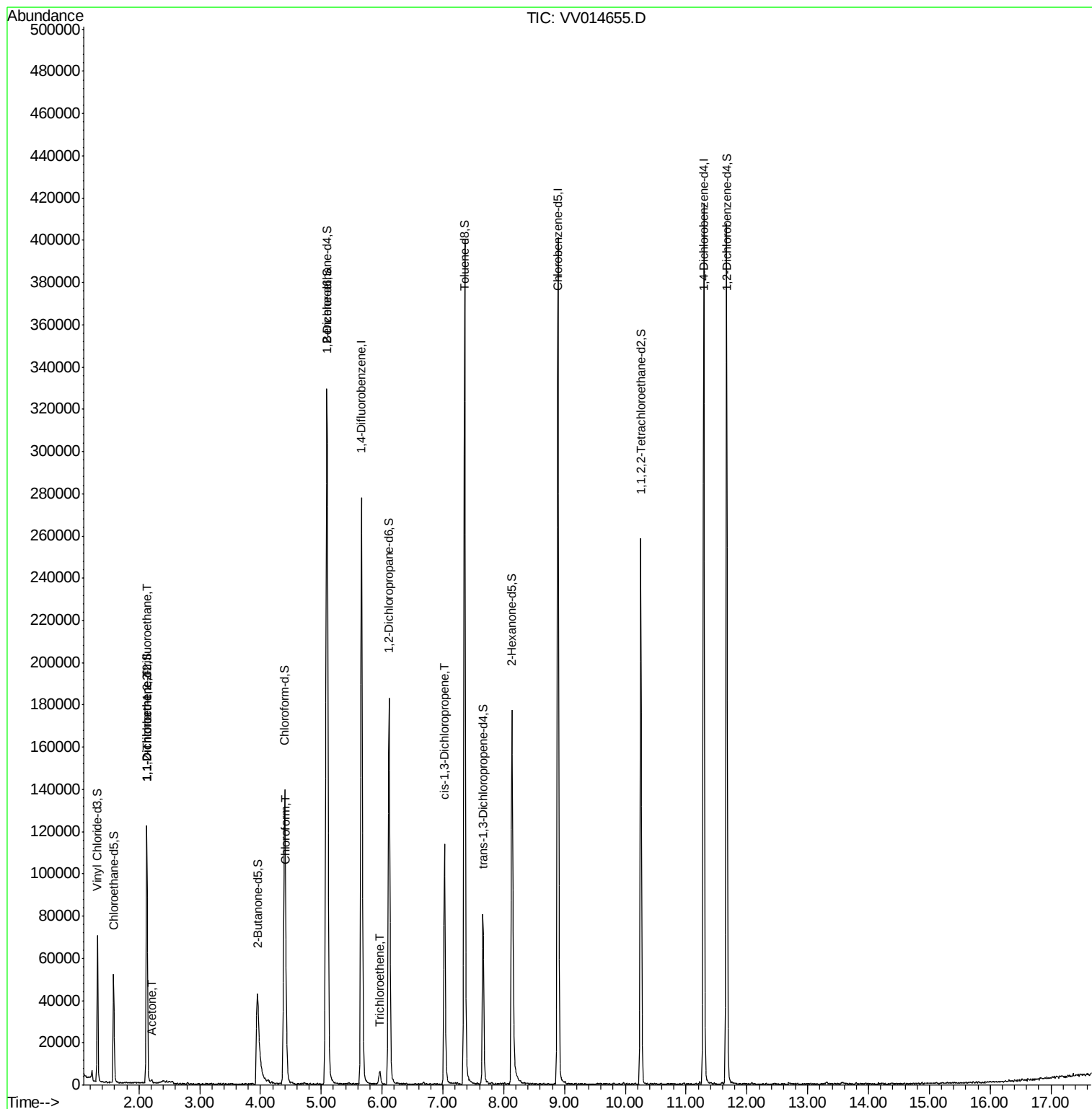
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	635	0.777 ug/L #	17
12) 1,1-Dichloroethene	2.14	96	598	0.813 ug/L #	1
13) Acetone	2.21	43	1204	1.548 ug/L	95
25) Chloroform	4.42	83	6090	2.036 ug/L	95
34) Trichloroethene	5.96	95	1830	1.089 ug/L	81
39) cis-1,3-Dichloropropene	7.03	75	3126	1.239 ug/L	84

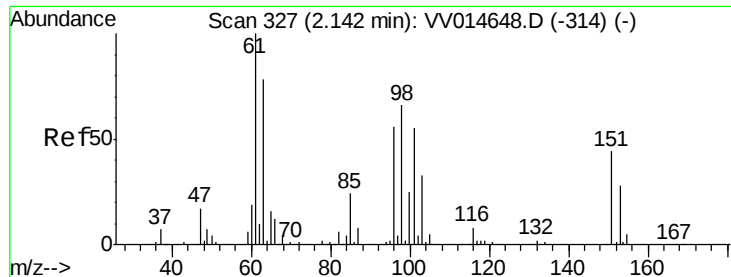
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.777 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Acq: 21 Feb 2020 16:06

Instrument :

MSVOA_V

ClientSampled :

C0AN6

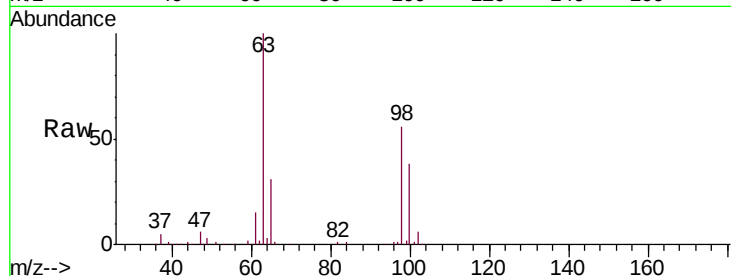
Tgt Ion: 101 Resp: 635

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

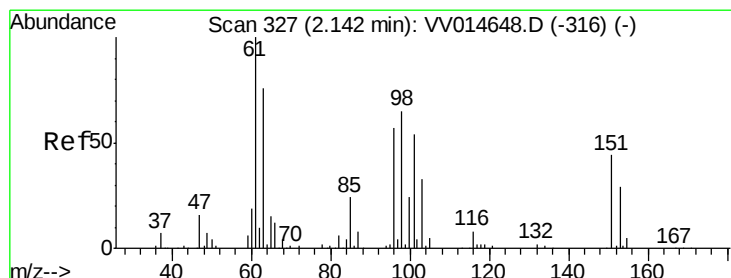
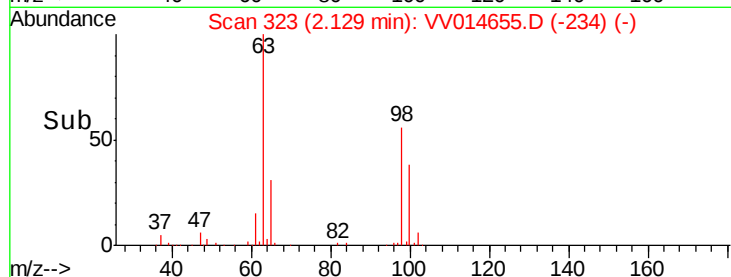
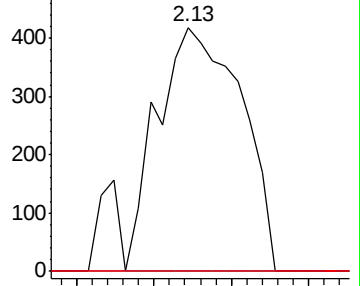
151 0.0 64.6 96.8#



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



#12

1,1-Dichloroethene

Concen: 0.813 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014655.D

Acq: 21 Feb 2020 16:06

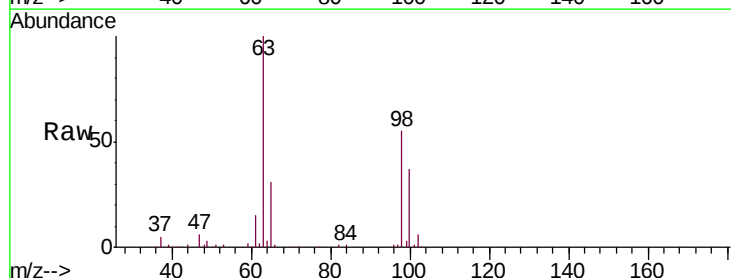
Tgt Ion: 96 Resp: 598

Ion Ratio Lower Upper

96 100

61 1247.7 124.5 231.1#

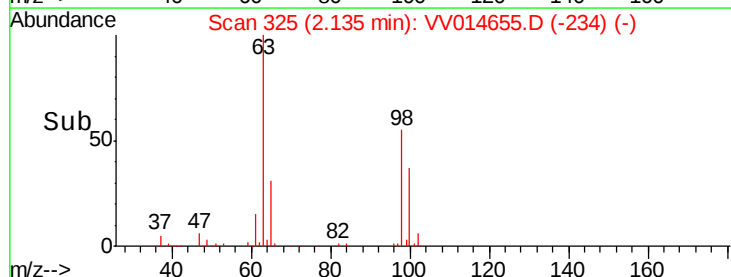
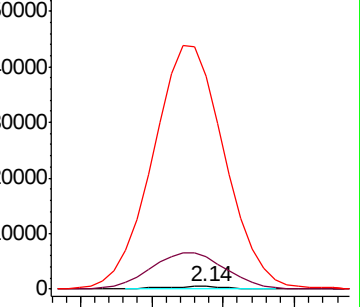
63 8366.0 98.1 182.1#

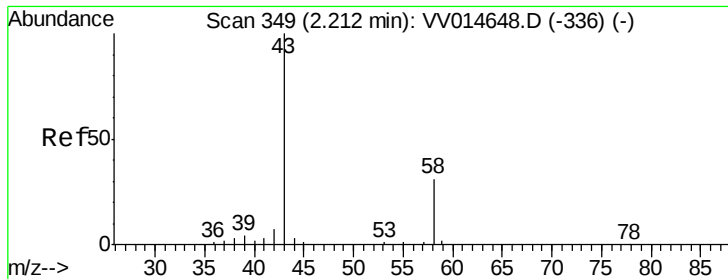


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.548 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV014655.D

Acq: 21 Feb 2020 16:06

Instrument :

MSVOA_V

ClientSampleId :

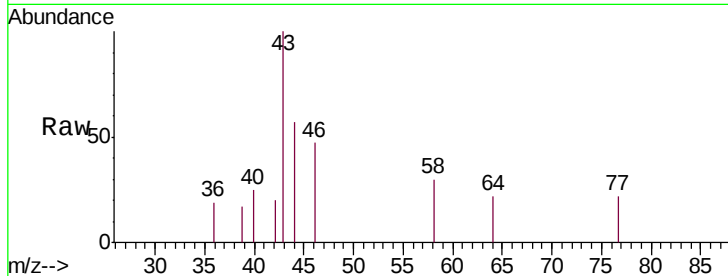
C0AN6

Tgt Ion: 43 Resp: 1204

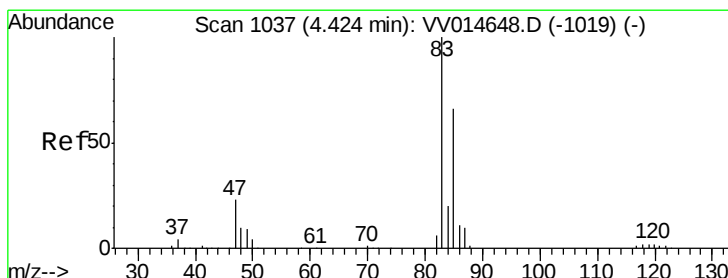
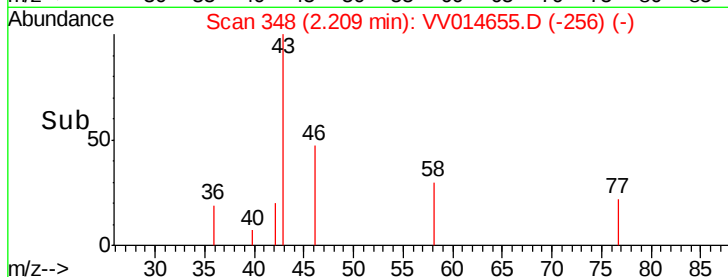
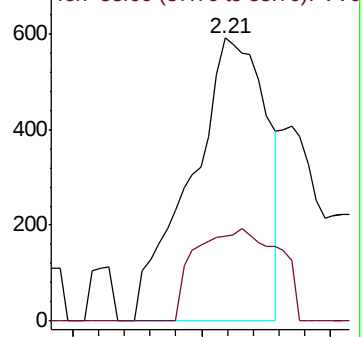
Ion Ratio Lower Upper

43 100

58 36.0 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VV014648.D (-336) (-)



#25

Chloroform

Concen: 2.036 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014655.D

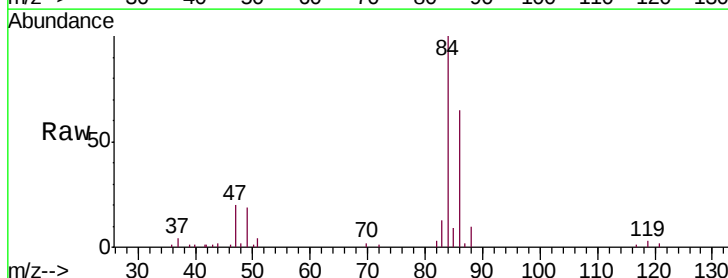
Acq: 21 Feb 2020 16:06

Tgt Ion: 83 Resp: 6090

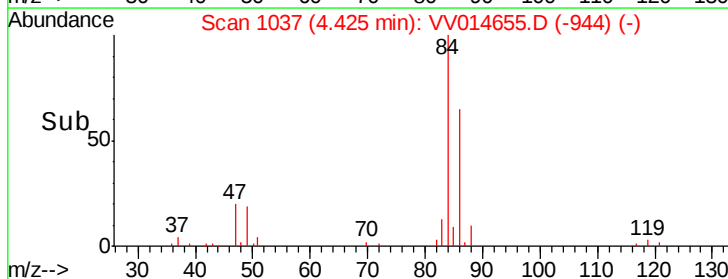
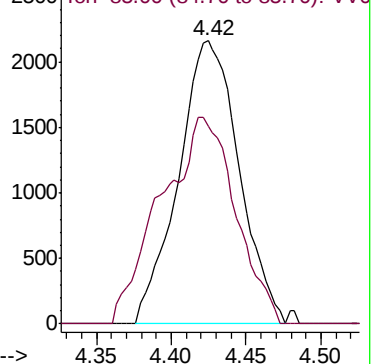
Ion Ratio Lower Upper

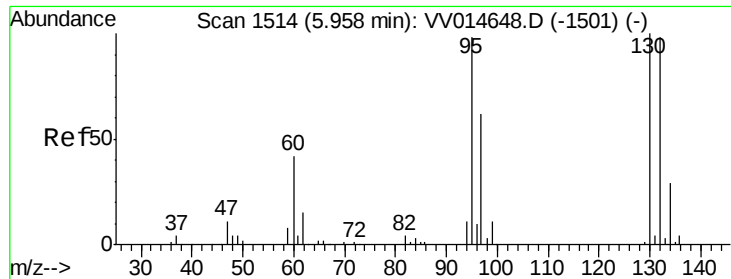
83 100

85 69.9 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV014648.D (-1019) (-)

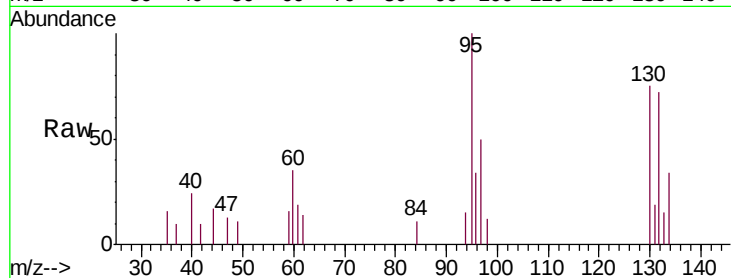




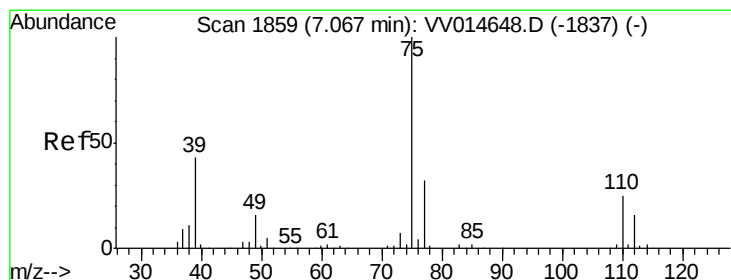
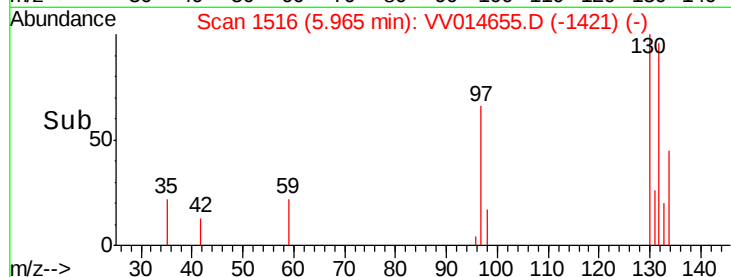
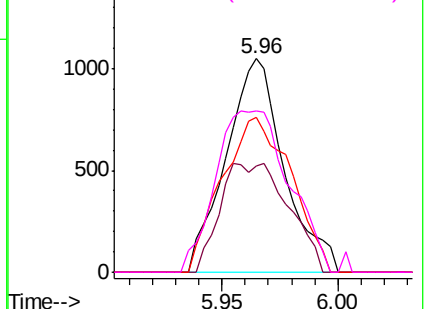
#34
 Trichloroethene
 Concen: 1.089 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV014655.D
 Acq: 21 Feb 2020 16:06

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AN6

Tgt Ion: 95 Resp: 1830
 Ion Ratio Lower Upper
 95 100
 97 49.5 44.3 82.3
 132 87.1 69.7 129.4
 130 75.2 71.3 132.5

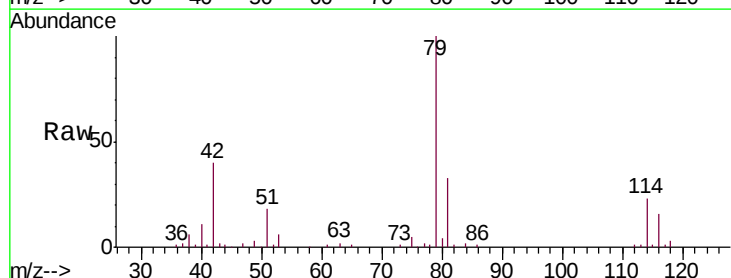


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0



#39
 cis-1,3-Dichloropropene
 Concen: 1.239 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014655.D
 Acq: 21 Feb 2020 16:06

Tgt Ion: 75 Resp: 3126
 Ion Ratio Lower Upper
 75 100
 77 41.1 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0

