

Data File : VV014642.D
Acq On : 20 Feb 2020 22:28
Operator : SY/MD
Sample : L1607-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ6

Quant Time: Feb 21 03:37:54 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	254777	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	242869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	115036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49093	50.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.34%
7) Chloroethane-d5	1.59	69	35101	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.02%
11) 1,1-Dichloroethene-d2	2.13	63	72247	44.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.50%
21) 2-Butanone-d5	3.94	46	89588	110.42	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.42%
24) Chloroform-d	4.40	84	144296	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
26) 1,2-Dichloroethane-d4	5.08	65	98999	55.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.86%
32) Benzene-d6	5.10	84	310400	53.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.88%
36) 1,2-Dichloropropane-d6	6.11	67	91289	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.36%
41) Toluene-d8	7.35	98	285756	51.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.28%
43) trans-1,3-Dichloropropene-	7.66	79	45764	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.88%
47) 2-Hexanone-d5	8.13	63	70855	101.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	121547	51.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.38%
64) 1,2-Dichlorobenzene-d4	11.67	152	108362	53.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.64%

Target Compounds

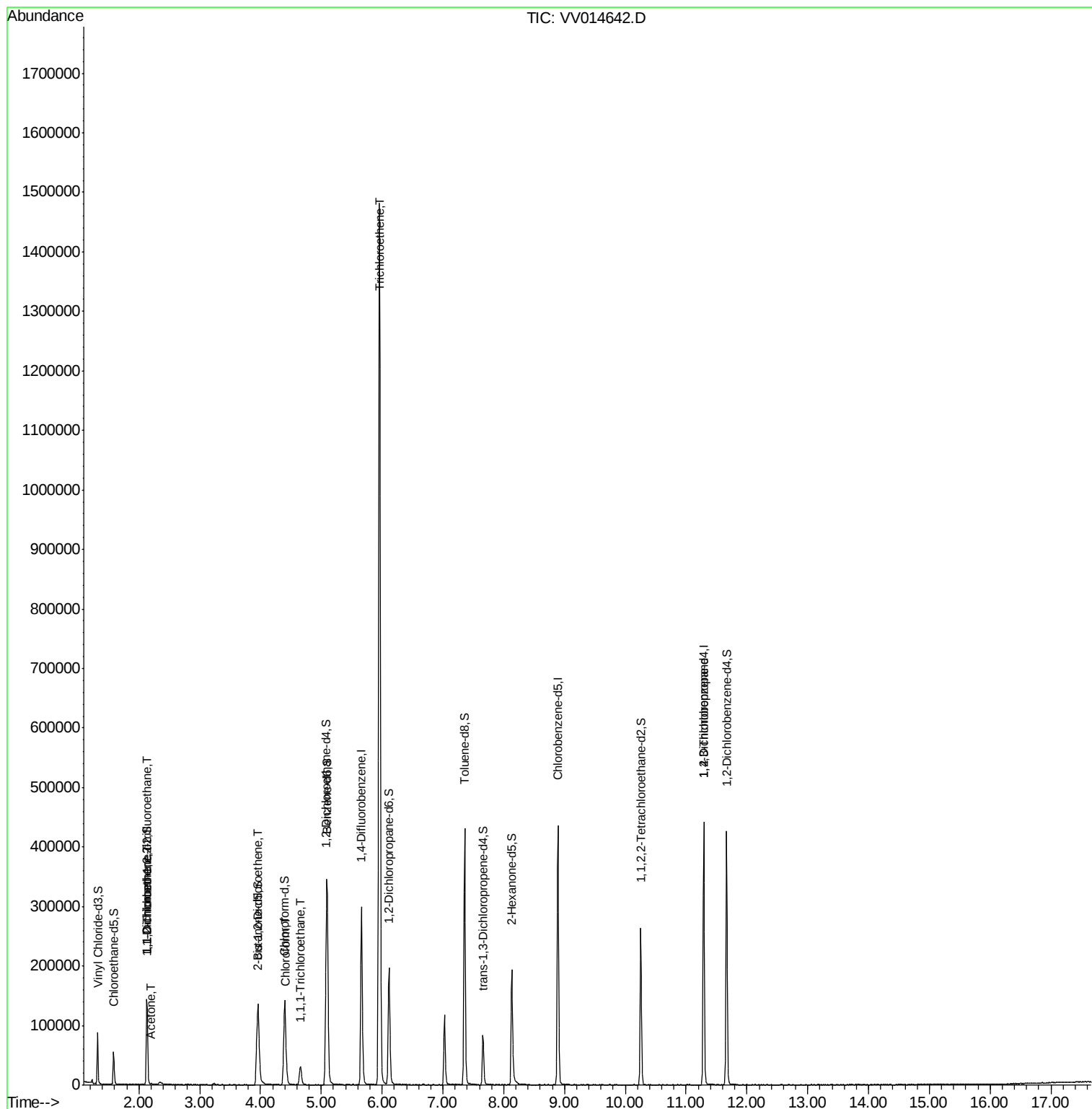
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1096	1.304	ug/L #	28
12) 1,1-Dichloroethene	2.14	96	4917	6.293	ug/L #	1
13) Acetone	2.21	43	1615	2.320	ug/L	87
20) cis-1,2-Dichloroethene	3.96	96	57607	32.327	ug/L	99
25) Chloroform	4.42	83	11979	4.006	ug/L	94
30) 1,1,1-Trichloroethane	4.66	97	25758	9.749	ug/L	97
34) Trichloroethene	5.96	95	518926	301.572	ug/L	97
59) 1,2,3-Trichloropropane	11.29	75	12169	6.006	ug/L #	83

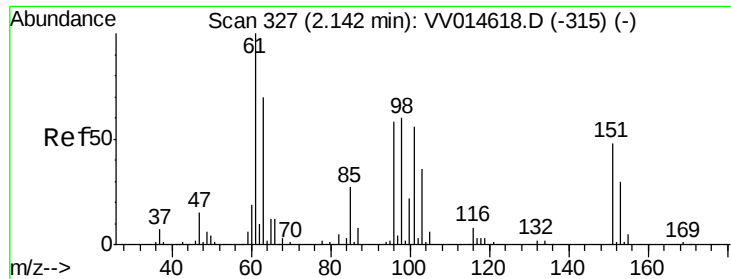
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV014642.D
Acq On : 20 Feb 2020 22:28
Operator : SY/MD
Sample : L1607-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ6

Quant Time: Feb 21 03:37:54 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





#10

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

Concen: 1.304 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014642.D

Acq: 20 Feb 2020 22:28

Instrument :

MSVOA_V

ClientSampleId :

C0AQ6

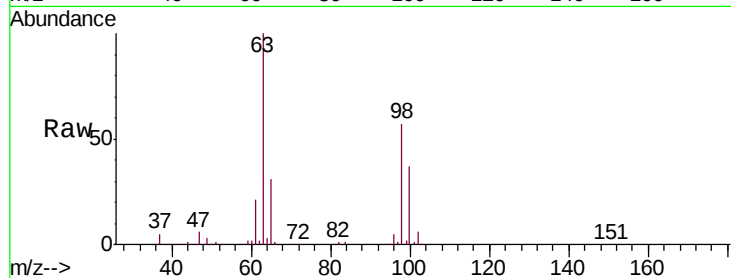
Tgt Ion: 101 Resp: 1096

Ion Ratio Lower Upper

101 100

85 9.0 35.4 53.0#

151 8.3 65.4 98.2#



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

2.14

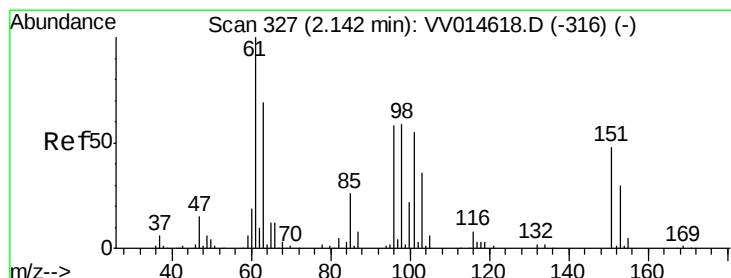
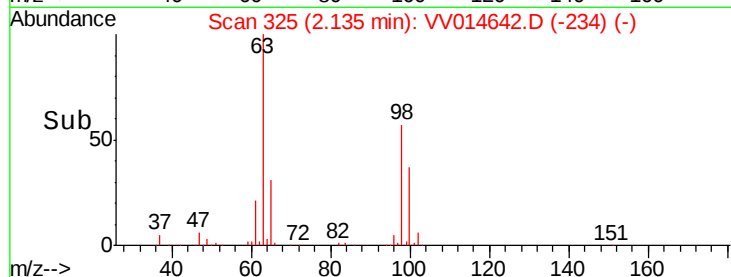
600

400

200

0

Time-->



#12

1,1-Dichloroethene

Concen: 6.293 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV014642.D

Acq: 20 Feb 2020 22:28

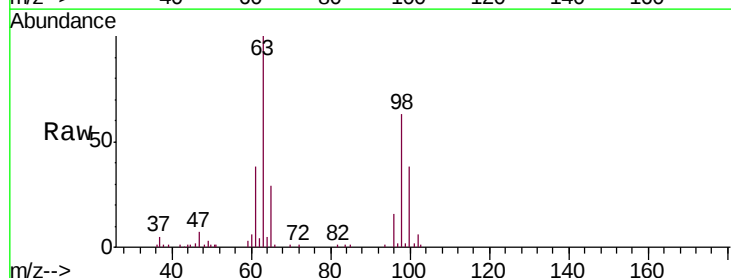
Tgt Ion: 96 Resp: 4917

Ion Ratio Lower Upper

96 100

61 232.9 124.2 230.6#

63 615.7 89.2 165.8#



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

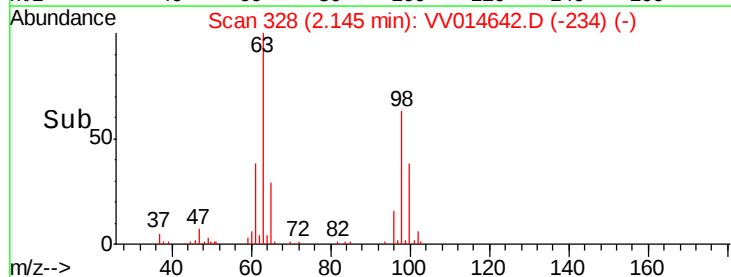
60000

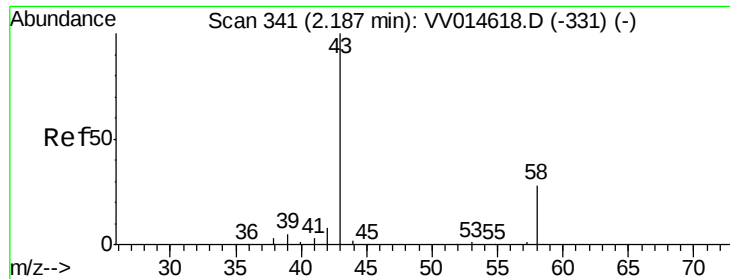
40000

20000

0

Time-->





#13

Acetone

Concen: 2.320 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.02 min

Lab File: VV014642.D

Acq: 20 Feb 2020 22:28

Instrument :

MSVOA_V

ClientSampleId :

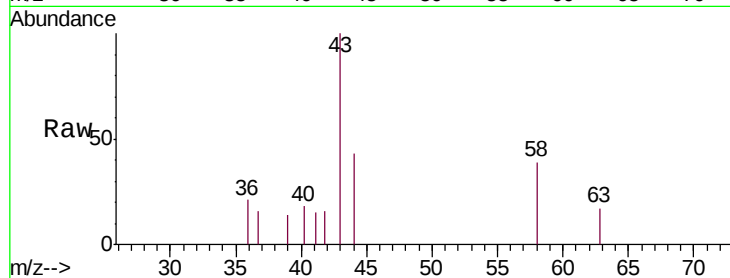
C0AQ6

Tgt Ion: 43 Resp: 1615

Ion Ratio Lower Upper

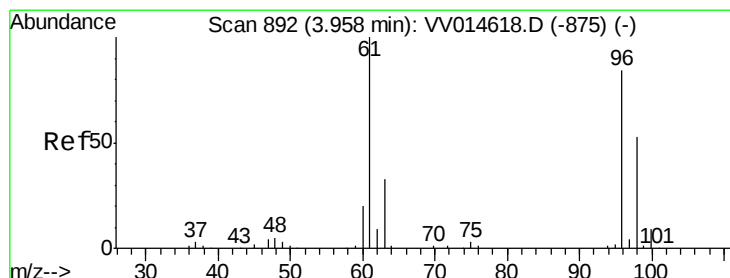
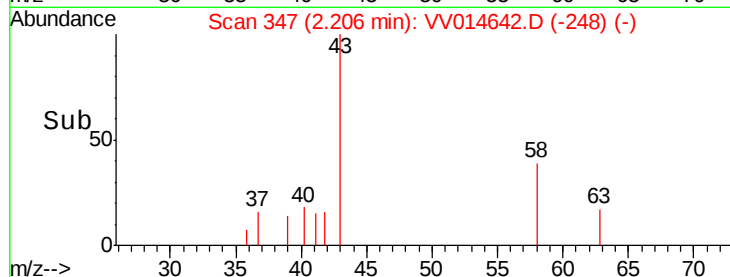
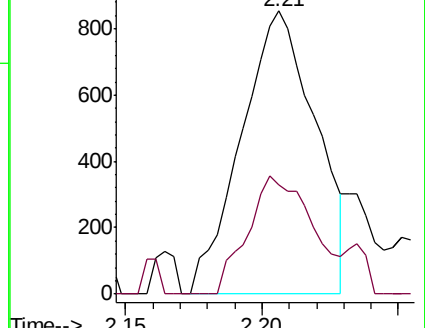
43 100

58 36.4 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) (-)



#20

cis-1,2-Dichloroethene

Concen: 32.327 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV014642.D

Acq: 20 Feb 2020 22:28

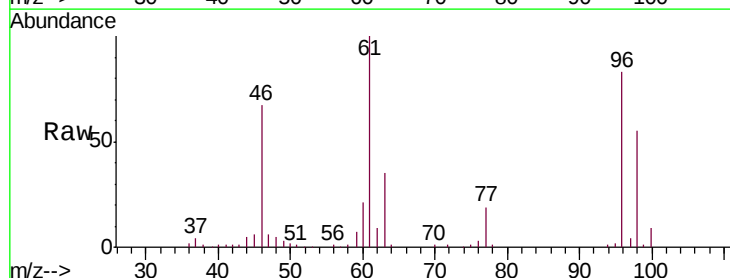
Tgt Ion: 96 Resp: 57607

Ion Ratio Lower Upper

96 100

61 121.1 85.9 159.5

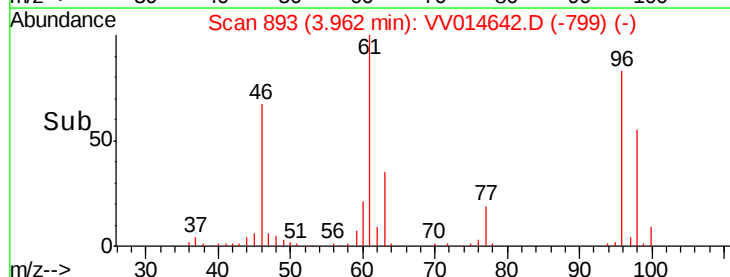
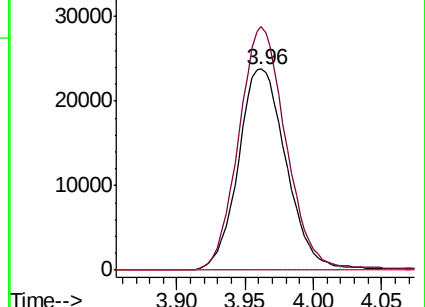
68 0.0 0.0 0.0

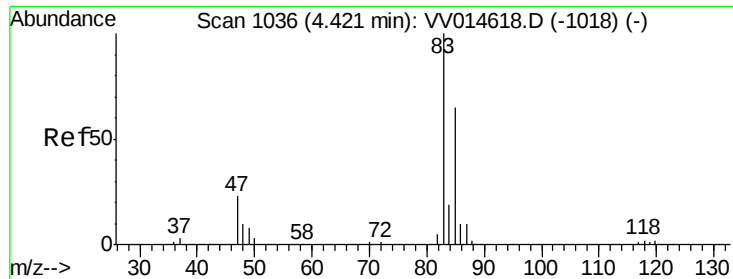


Abundance Ion 96.00 (95.70 to 96.70): VV014618.D (-875) (-)

Ion 61.00 (60.70 to 61.70): VV014618.D (-875) (-)

Ion 68.00 (67.70 to 68.70): VV014618.D (-875) (-)

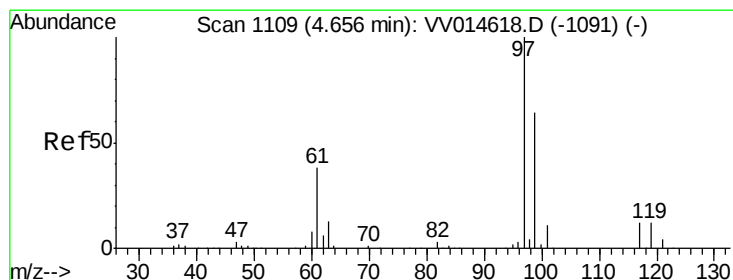
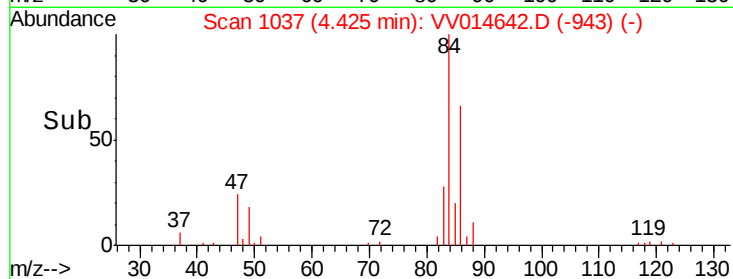
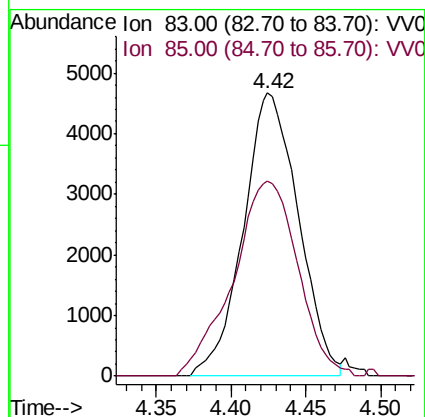
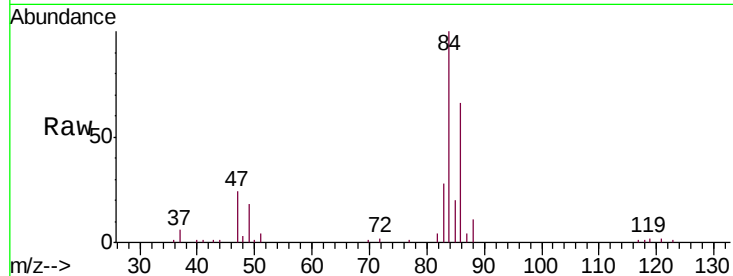




#25
Chloroform
Concen: 4.006 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014642.D
Acq: 20 Feb 2020 22:28

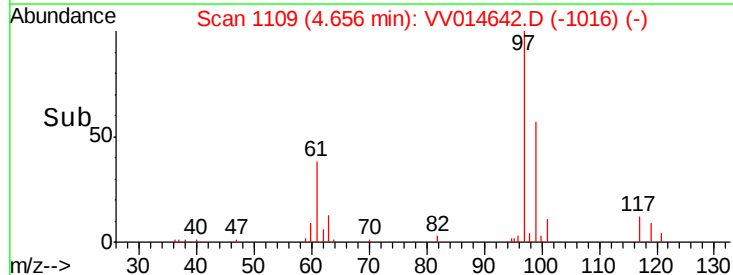
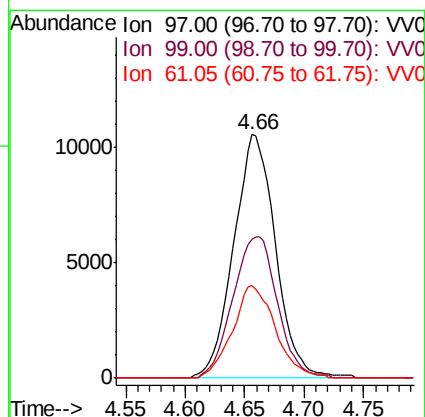
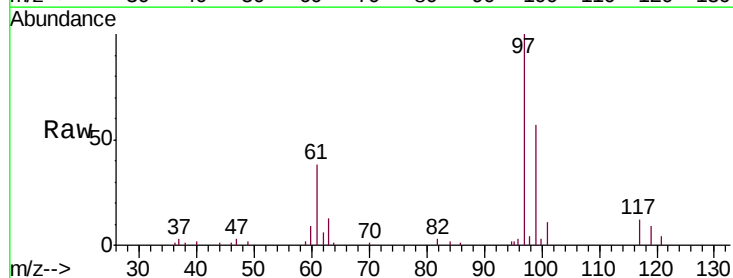
Instrument :
MSVOA_V
ClientSampled :
C0AQ6

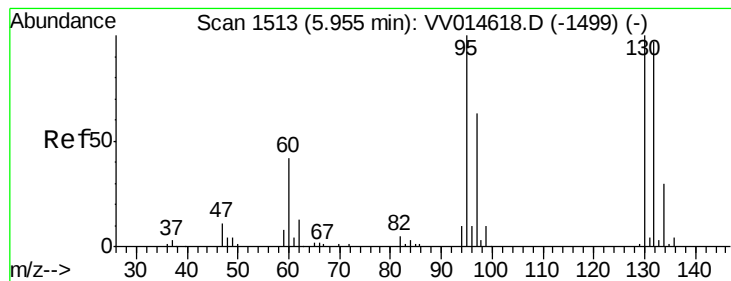
Tgt Ion: 83 Resp: 11979
Ion Ratio Lower Upper
83 100
85 68.9 45.0 83.6



#30
1,1,1-Trichloroethane
Concen: 9.749 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV014642.D
Acq: 20 Feb 2020 22:28

Tgt Ion: 97 Resp: 25758
Ion Ratio Lower Upper
97 100
99 61.6 51.2 76.8
61 39.1 32.4 48.6





#34

Trichloroethene

Concen: 301.572 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014642.D

Acq: 20 Feb 2020 22:28

Instrument :

MSVOA_V

ClientSampled :

C0AQ6

Tgt Ion: 95 Resp: 518926

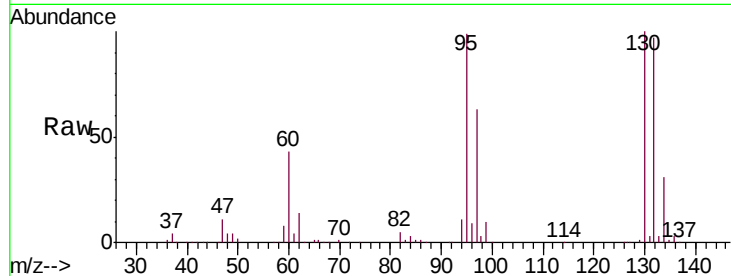
Ion Ratio Lower Upper

95 100

97 63.8 45.3 84.1

132 97.3 69.6 129.2

130 100.5 74.0 137.4



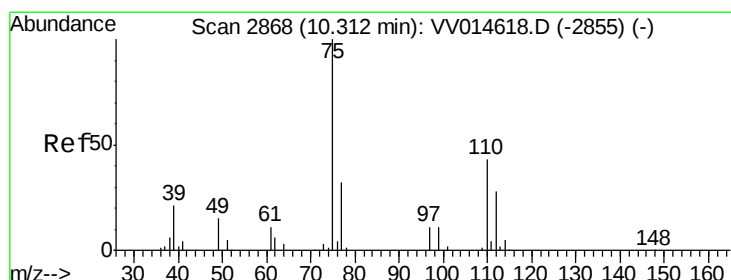
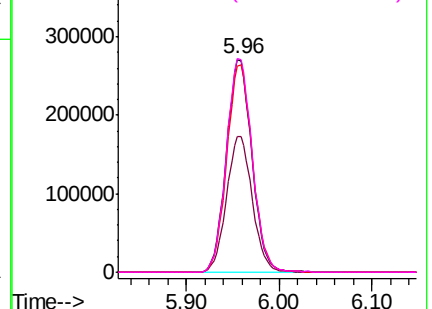
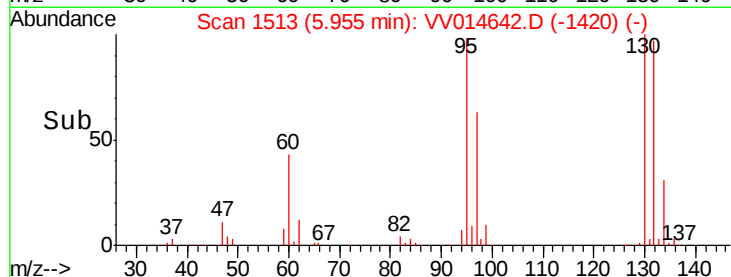
Abundance

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): VV0

Ion 130.00 (129.70 to 130.70): VV0



#59

1,2,3-Trichloropropane

Concen: 6.006 ug/L

RT: 11.29 min Scan# 3171

Delta R.T. 0.97 min

Lab File: VV014642.D

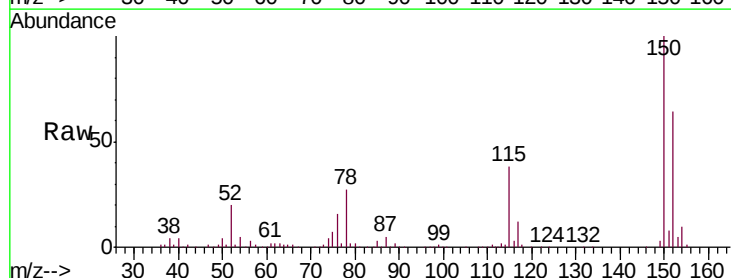
Acq: 20 Feb 2020 22:28

Tgt Ion: 75 Resp: 12169

Ion Ratio Lower Upper

75 100

77 41.8 25.9 38.9#



Abundance

Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

