

Data File : VV014631.D
Acq On : 20 Feb 2020 18:10
Operator : SY/MD
Sample : L1607-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP3

Quant Time: Feb 21 03:35:57 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	267362	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	249817	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	120326	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52330	50.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.94%
7) Chloroethane-d5	1.58	69	37057	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.64%
11) 1,1-Dichloroethene-d2	2.13	63	71867	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.90%
21) 2-Butanone-d5	3.94	46	92208	108.30	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.30%
24) Chloroform-d	4.40	84	151601	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
26) 1,2-Dichloroethane-d4	5.08	65	103969	55.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.94%
32) Benzene-d6	5.10	84	327899	54.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.76%
36) 1,2-Dichloropropane-d6	6.11	67	95752	53.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.42%
41) Toluene-d8	7.36	98	303926	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%
43) trans-1,3-Dichloropropene-	7.66	79	50906	51.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.60%
47) 2-Hexanone-d5	8.13	63	76789	106.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.79%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	129458	53.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.02%
64) 1,2-Dichlorobenzene-d4	11.67	152	117935	55.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.94%

Target Compounds

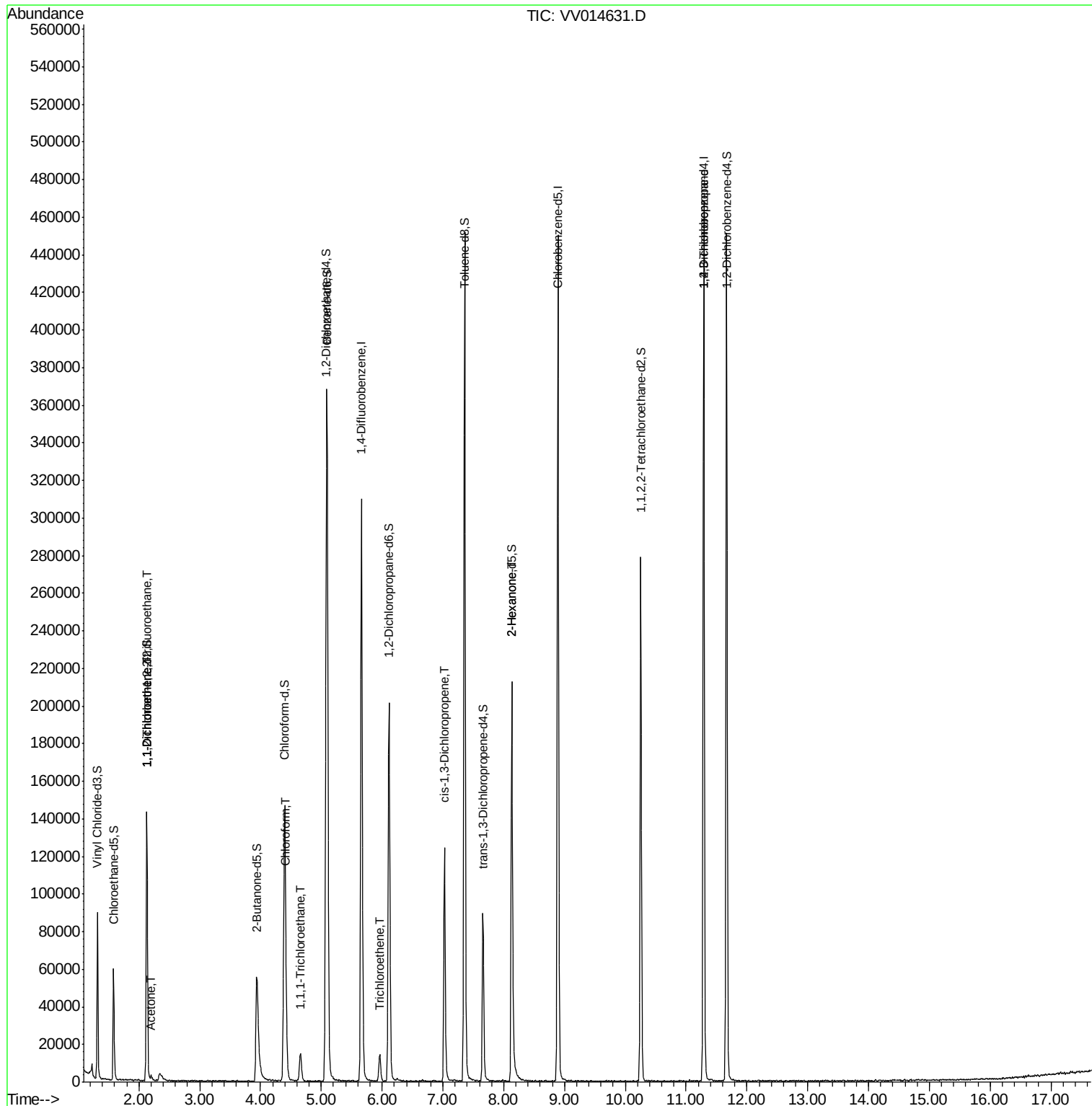
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1059	1.201 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	684	0.834 ug/L #	1
13) Acetone	2.20	43	2291	3.136 ug/L	99
25) Chloroform	4.42	83	11084	3.532 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	11389	4.191 ug/L	97
34) Trichloroethene	5.96	95	4747	2.682 ug/L	97
39) cis-1,3-Dichloropropene	7.03	75	3004	1.051 ug/L #	54
48) 2-Hexanone	8.13	43	8627	5.531 ug/L #	71
59) 1,2,3-Trichloropropane	11.29	75	13435	6.446 ug/L	90

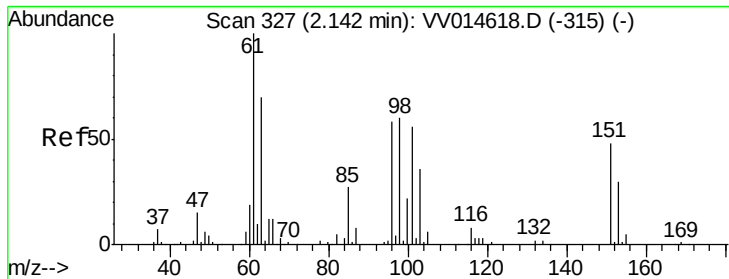
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 1.201 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014631.D

Acq: 20 Feb 2020 18:10

Instrument :

MSVOA_V

ClientSampleId :

C0AP3

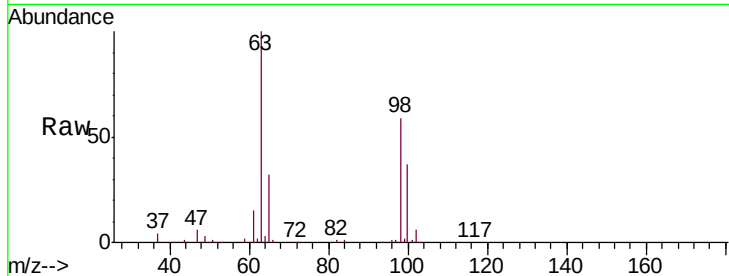
Tgt Ion: 101 Resp: 1059

Ion Ratio Lower Upper

101 100

85 3.9 35.4 53.0#

151 4.0 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

2.13

600

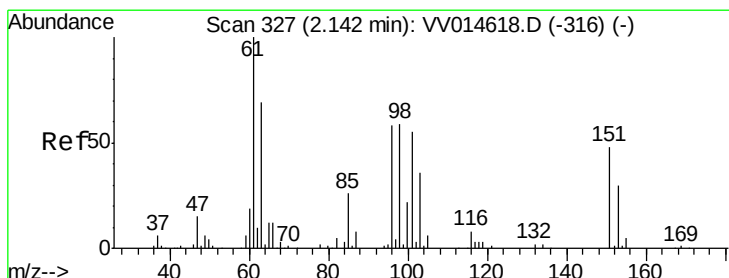
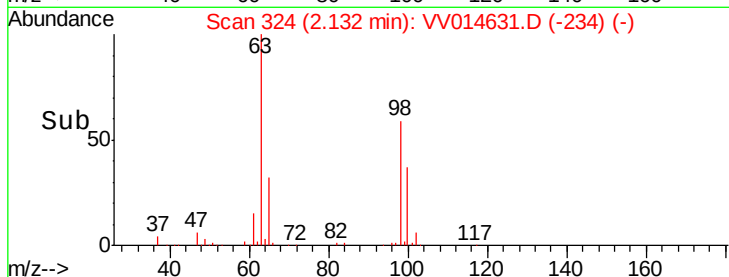
400

200

0

2.10 2.12 2.14 2.16

Time-->



#12

1,1-Dichloroethene

Concen: 0.834 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014631.D

Acq: 20 Feb 2020 18:10

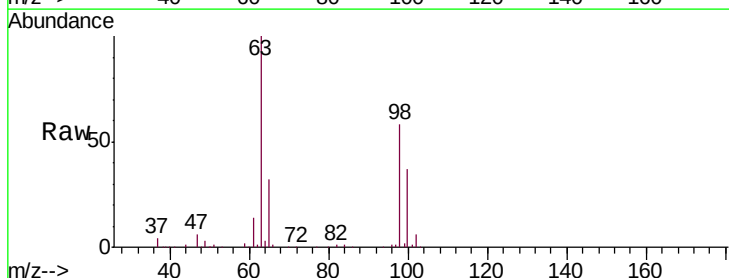
Tgt Ion: 96 Resp: 684

Ion Ratio Lower Upper

96 100

61 1528.3 124.2 230.6#

63 10678.5 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

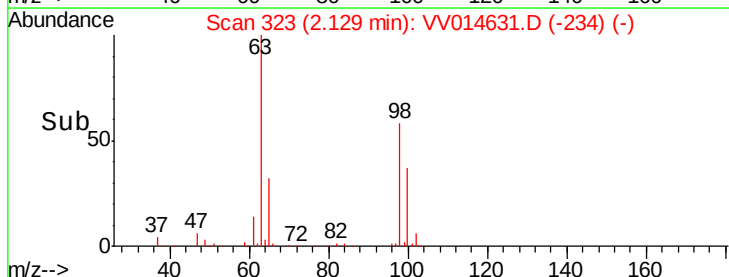
40000

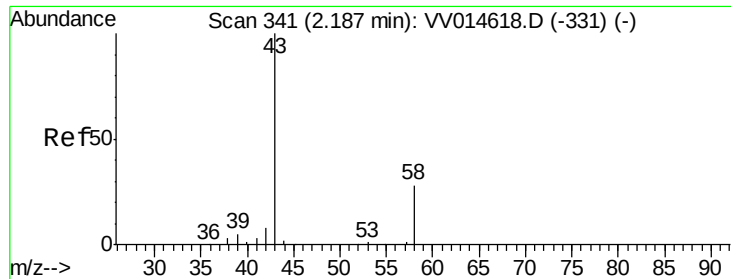
20000

0

2.10 2.12 2.14 2.16

Time-->





#13

Acetone

Concen: 3.136 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.02 min

Lab File: VV014631.D

Acq: 20 Feb 2020 18:10

Instrument :

MSVOA_V

ClientSampled :

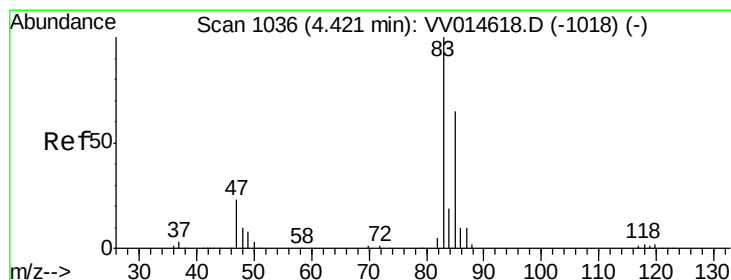
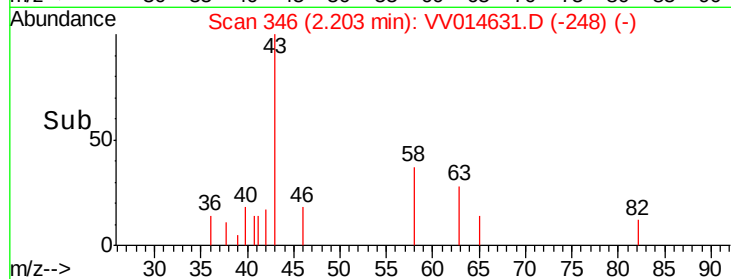
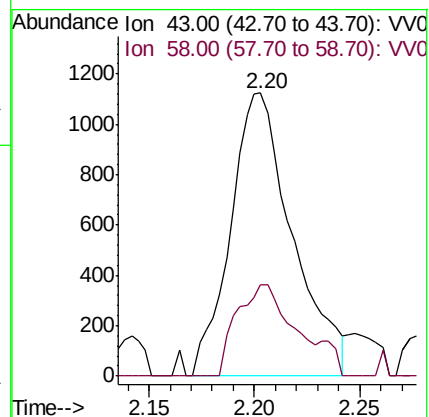
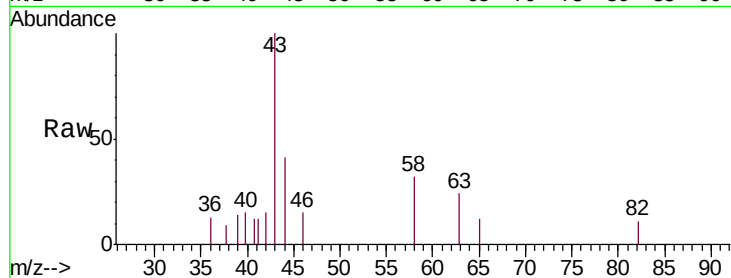
C0AP3

Tgt Ion: 43 Resp: 2291

Ion Ratio Lower Upper

43 100

58 28.6 0.0 58.8



#25

Chloroform

Concen: 3.532 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014631.D

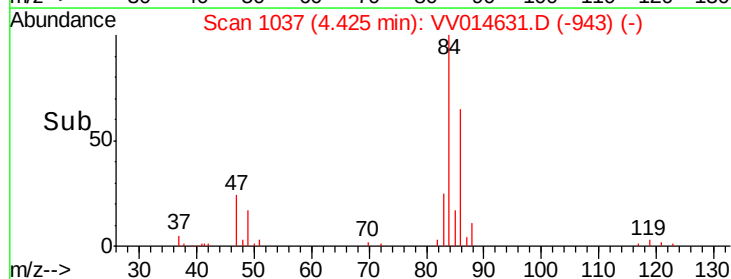
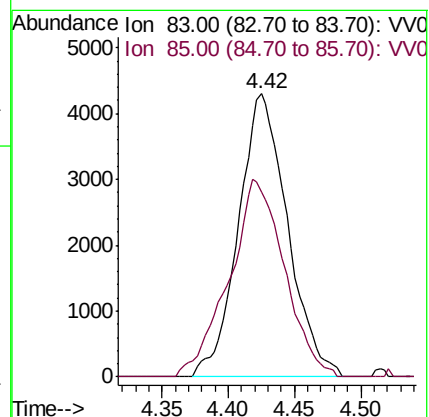
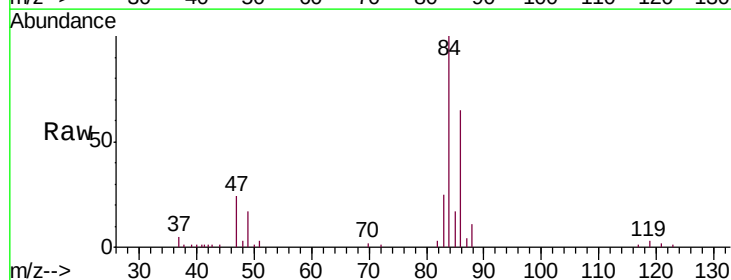
Acq: 20 Feb 2020 18:10

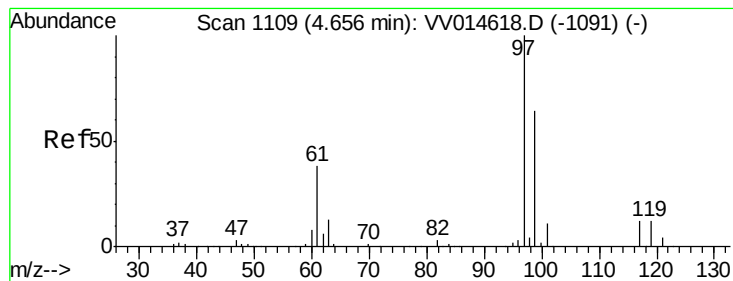
Tgt Ion: 83 Resp: 11084

Ion Ratio Lower Upper

83 100

85 65.4 45.0 83.6





#30

1,1,1-Trichloroethane

Concen: 4.191 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV014631.D

Acq: 20 Feb 2020 18:10

Instrument :

MSVOA_V

ClientSampleId :

C0AP3

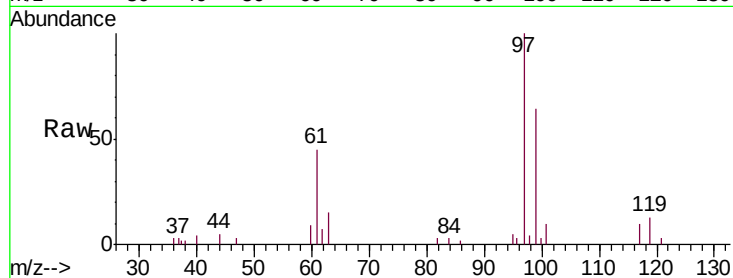
Tgt Ion: 97 Resp: 11389

Ion Ratio Lower Upper

97 100

99 65.3 51.2 76.8

61 44.0 32.4 48.6

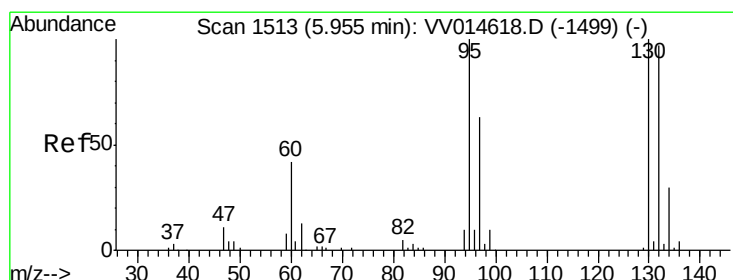
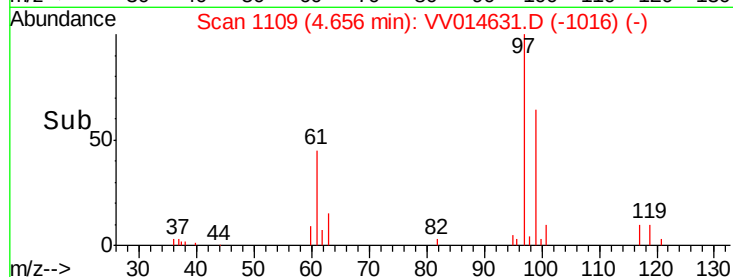
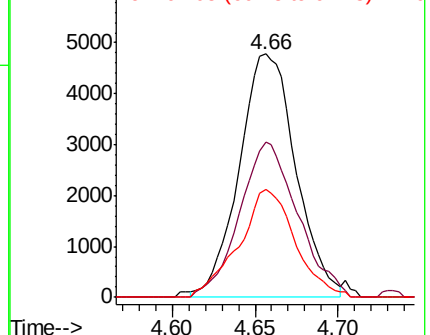


Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0



#34

Trichloroethene

Concen: 2.682 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV014631.D

Acq: 20 Feb 2020 18:10

Tgt Ion: 95 Resp: 4747

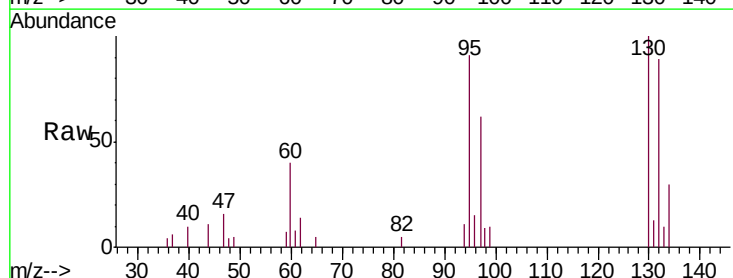
Ion Ratio Lower Upper

95 100

97 68.1 45.3 84.1

132 98.1 69.6 129.2

130 110.4 74.0 137.4



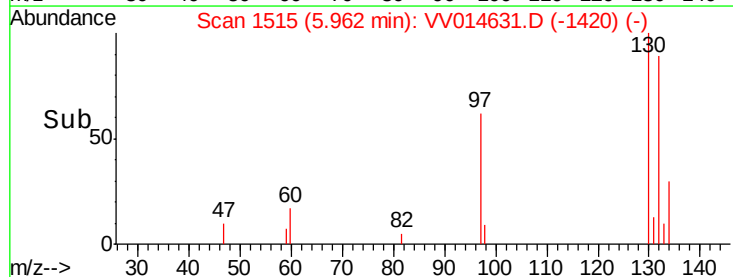
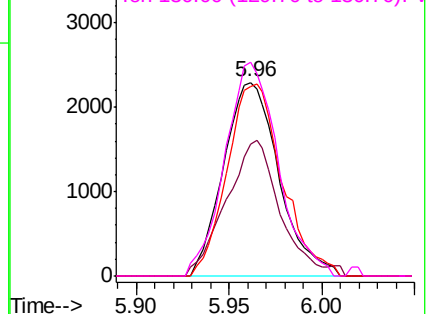
Abundance

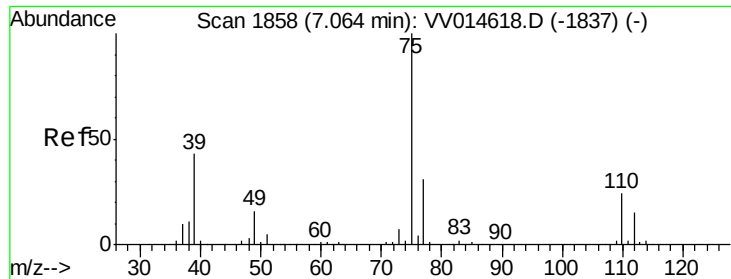
Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

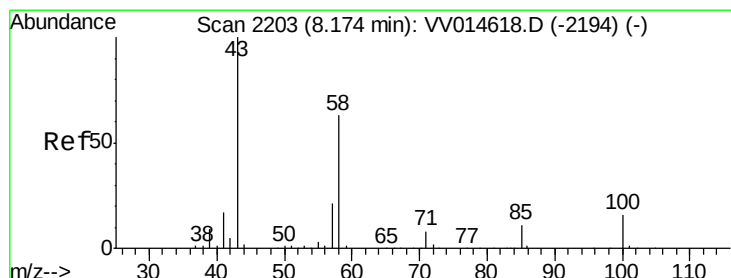
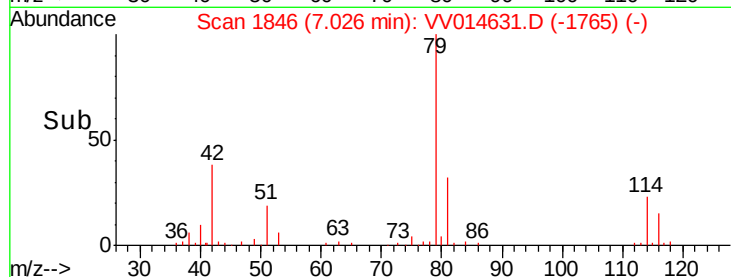
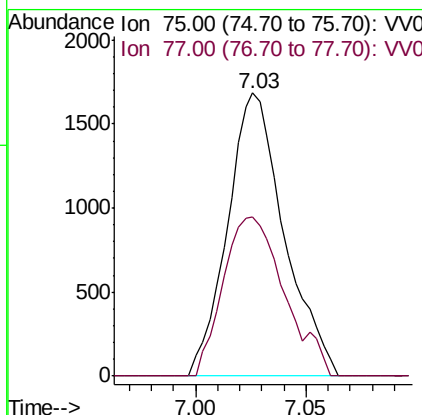
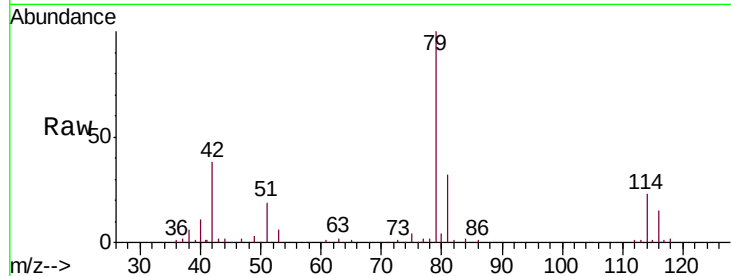




#39
 cis-1,3-Dichloropropene
 Concen: 1.051 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014631.D
 Acq: 20 Feb 2020 18:10

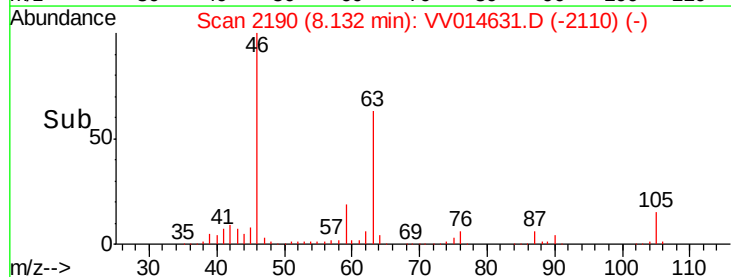
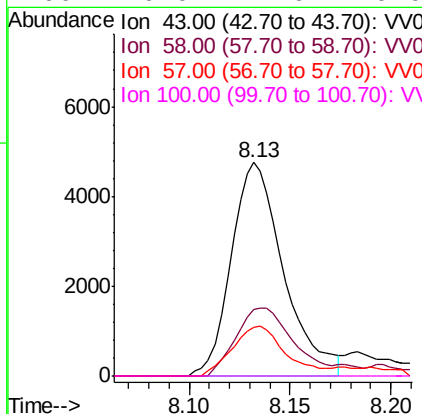
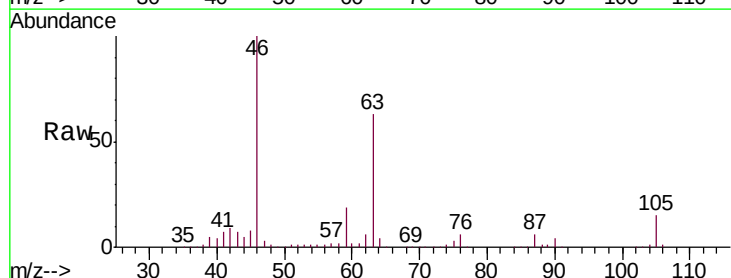
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP3

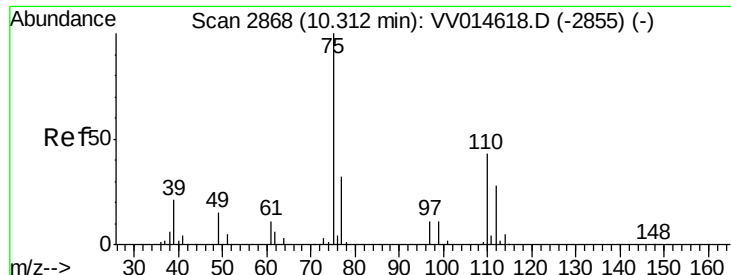
Tgt Ion: 75 Resp: 3004
 Ion Ratio Lower Upper
 75 100
 77 56.4 21.7 40.3#



#48
 2-Hexanone
 Concen: 5.531 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.04 min
 Lab File: VV014631.D
 Acq: 20 Feb 2020 18:10

Tgt Ion: 43 Resp: 8627
 Ion Ratio Lower Upper
 43 100
 58 34.9 50.4 75.6#
 57 23.5 17.8 26.6
 100 0.0 12.6 19.0#





#59

1,2,3-Trichloropropane

Concen: 6.446 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014631.D

Acq: 20 Feb 2020 18:10

Instrument :

MSVOA_V

ClientSampleId :

C0AP3

Tgt Ion: 75 Resp: 13435

Ion Ratio Lower Upper

75 100

77 37.7 25.9 38.9

