

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014632.D
 Acq On : 20 Feb 2020 18:33
 Operator : SY/MD
 Sample : L1607-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP6

Quant Time: Feb 21 04:45:58 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	269932	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	251858	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	121912	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52088	50.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.50%
7) Chloroethane-d5	1.58	69	40132	55.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.10%
11) 1,1-Dichloroethene-d2	2.13	63	72004	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.26%
21) 2-Butanone-d5	3.93	46	89243	103.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.82%
24) Chloroform-d	4.40	84	149313	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
26) 1,2-Dichloroethane-d4	5.08	65	102031	54.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.82%
32) Benzene-d6	5.10	84	321237	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.66%
36) 1,2-Dichloropropane-d6	6.11	67	96268	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.14%
41) Toluene-d8	7.36	98	299694	51.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.44%
43) trans-1,3-Dichloropropene-	7.66	79	50501	50.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.96%
47) 2-Hexanone-d5	8.13	63	75405	104.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.02%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	127481	51.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.54%
64) 1,2-Dichlorobenzene-d4	11.67	152	116301	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%

Target Compounds

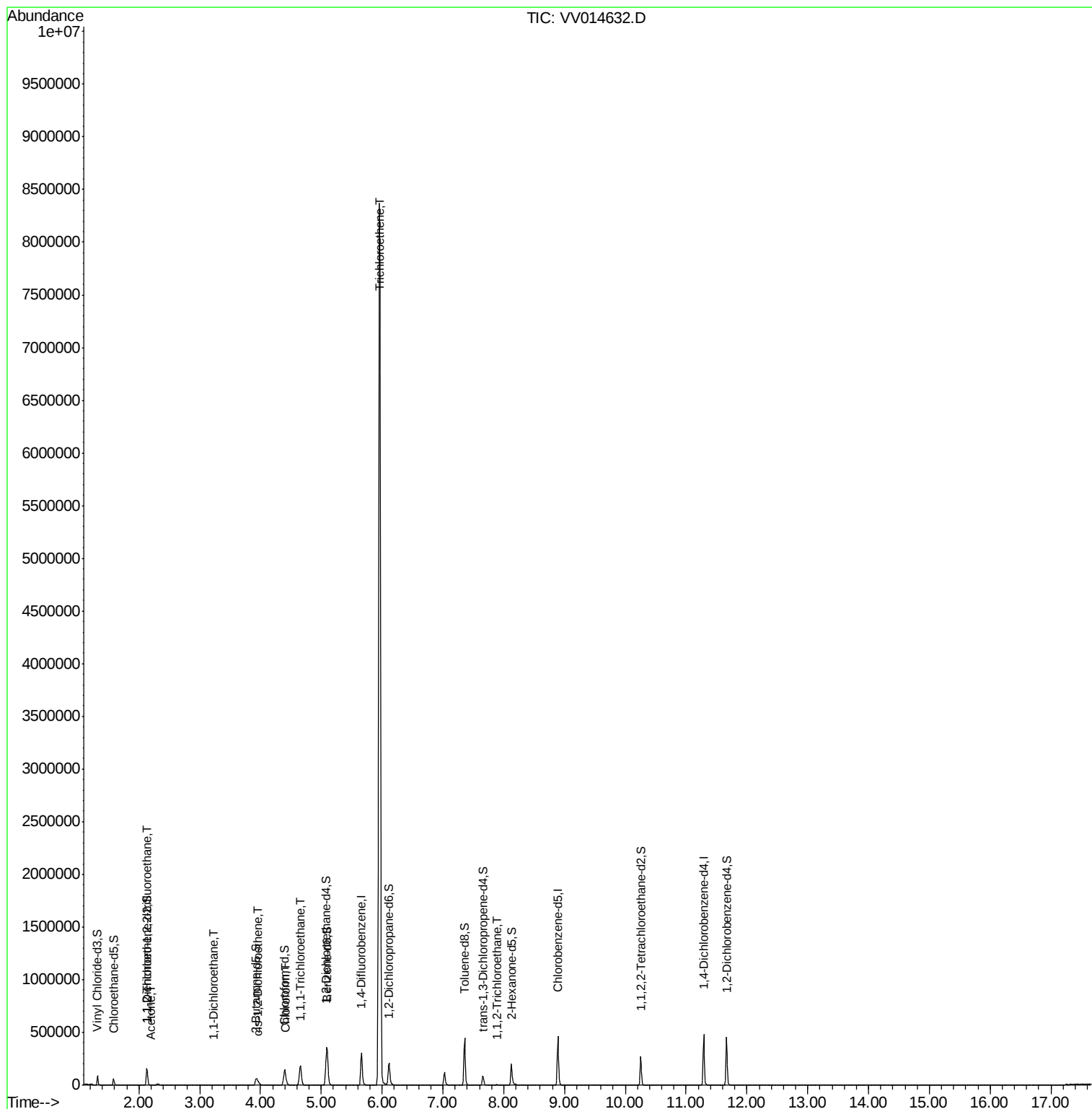
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	8232	9.243 ug/L	93
13) Acetone	2.19	43	1556	2.110 ug/L	87
19) 1,1-Dichloroethane	3.23	63	3527	1.232 ug/L	90
20) cis-1,2-Dichloroethene	3.96	96	12001	6.356 ug/L	92
25) Chloroform	4.43	83	14340	4.526 ug/L	93
30) 1,1,1-Trichloroethane	4.66	97	147257	53.746 ug/L	99
34) Trichloroethene	5.96	95	3043304	1705.485 ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	1428	0.847 ug/L #	78

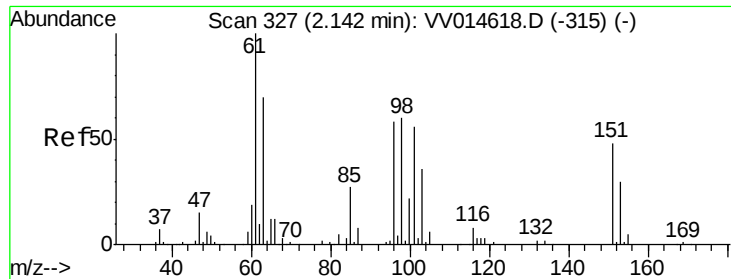
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 9.243 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014632.D

Acq: 20 Feb 2020 18:33

Instrument :

MSVOA_V

ClientSampleId :

C0AP6

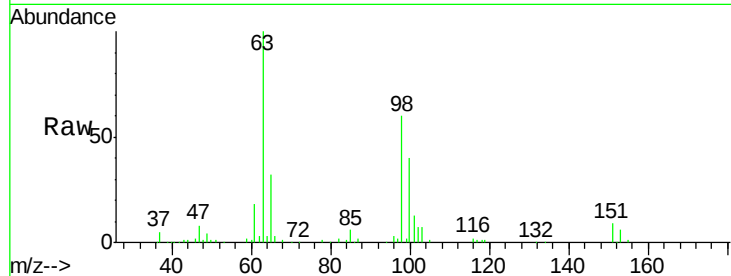
Tot Ion:101 Resp: 8232

Ion Ratio Lower Upper

101 100

85 42.5 35.4 53.0

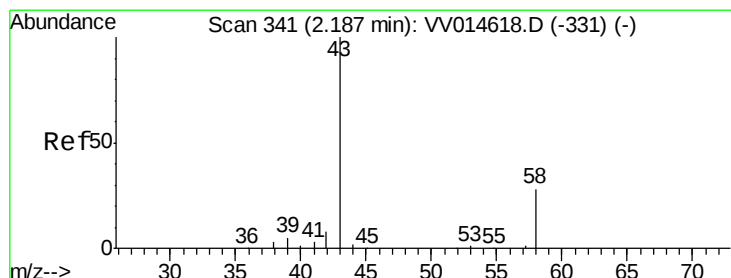
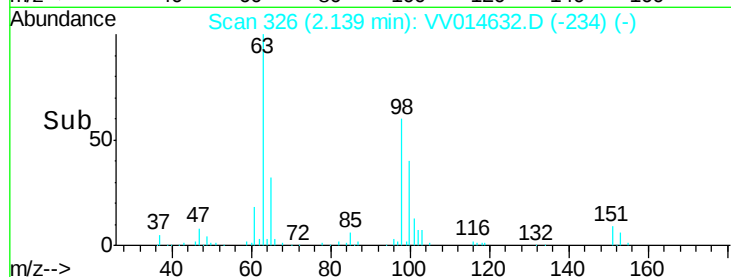
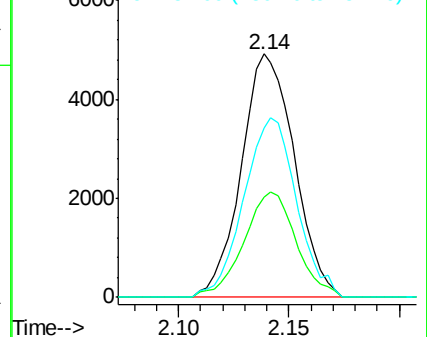
151 73.1 65.4 98.2



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



#13

Acetone

Concen: 2.110 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV014632.D

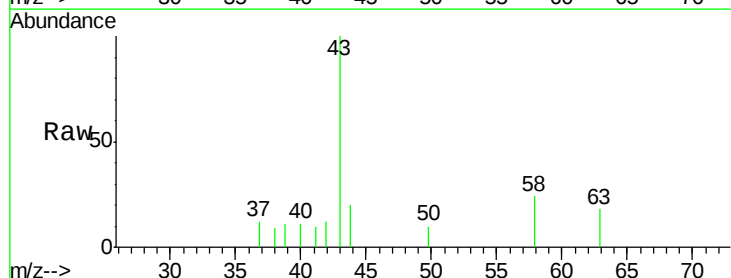
Acq: 20 Feb 2020 18:33

Tgt Ion: 43 Resp: 1556

Ion Ratio Lower Upper

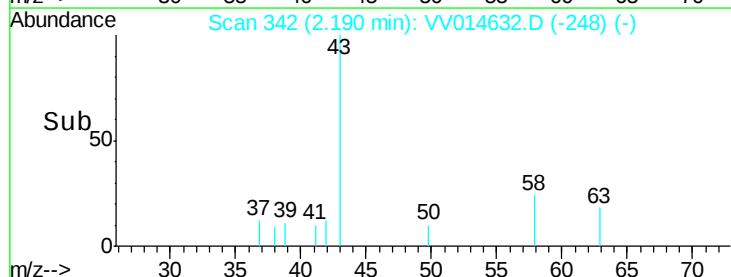
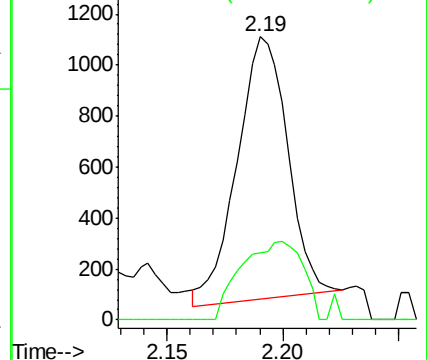
43 100

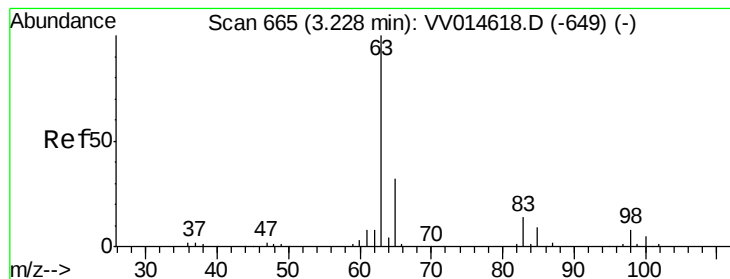
58 36.6 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#19

1,1-Dichloroethane

Concen: 1.232 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV014632.D

Acq: 20 Feb 2020 18:33

Instrument :

MSVOA_V

ClientSampleId :

C0AP6

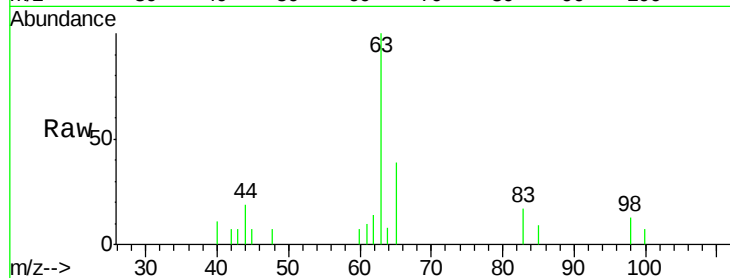
Tot Ion: 63 Resp: 3527

Ion Ratio Lower Upper

63 100

65 38.8 22.2 41.2

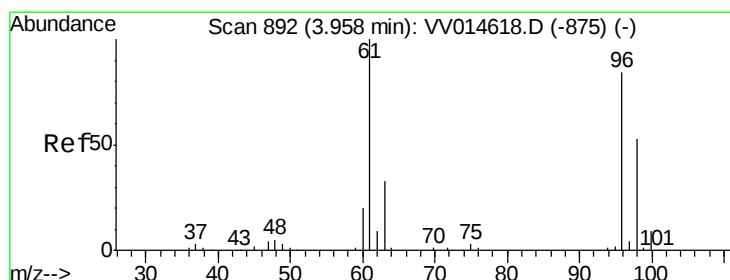
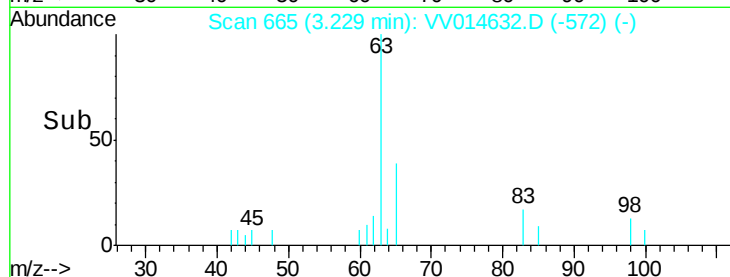
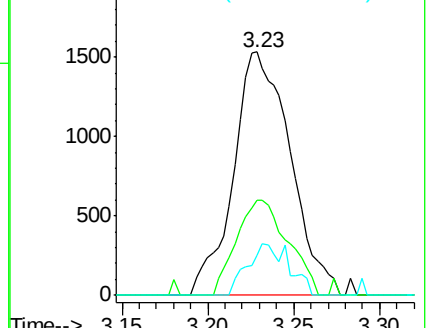
83 16.7 10.4 19.2



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 6.356 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV014632.D

Acq: 20 Feb 2020 18:33

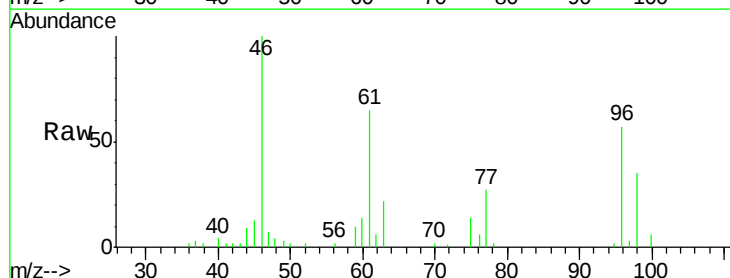
Tgt Ion: 96 Resp: 12001

Ion Ratio Lower Upper

96 100

61 113.3 85.9 159.5

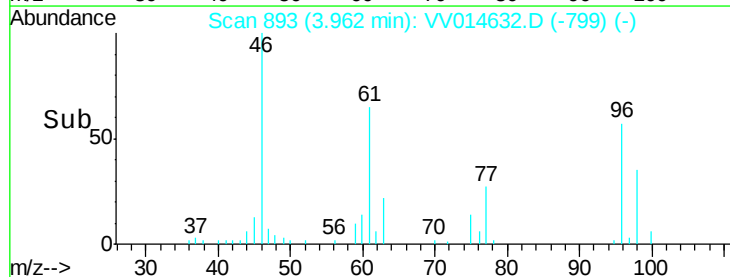
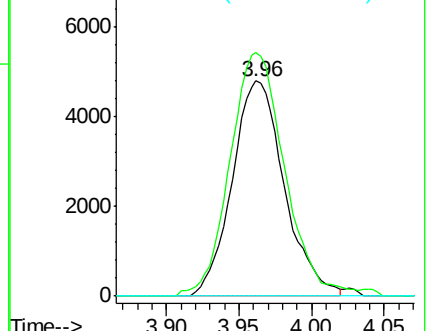
68 0.0 0.0 0.0

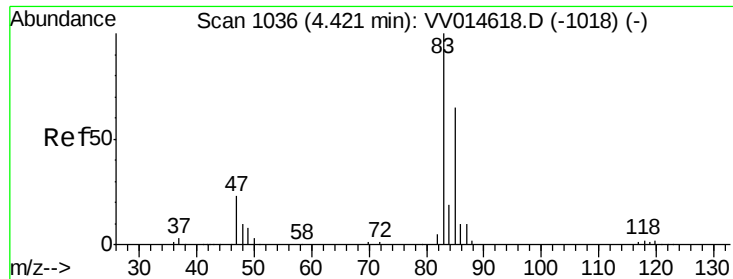


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

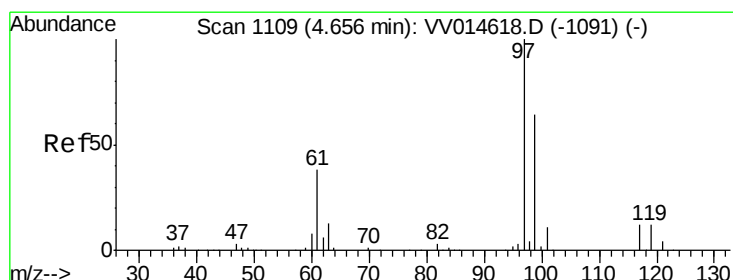
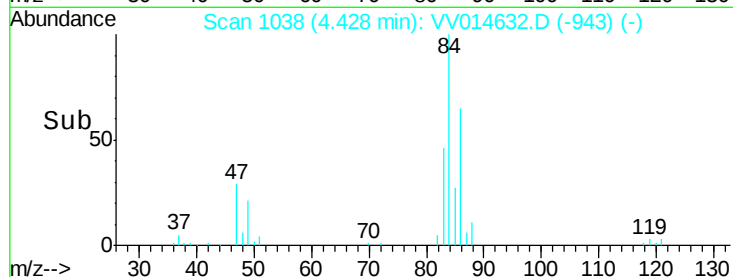
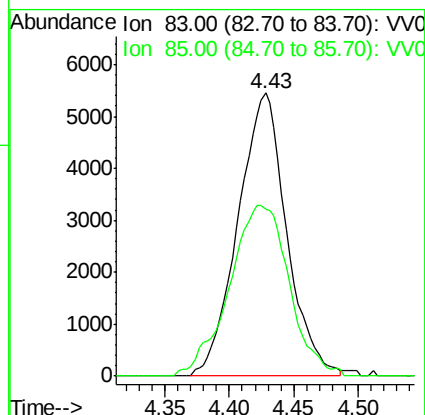
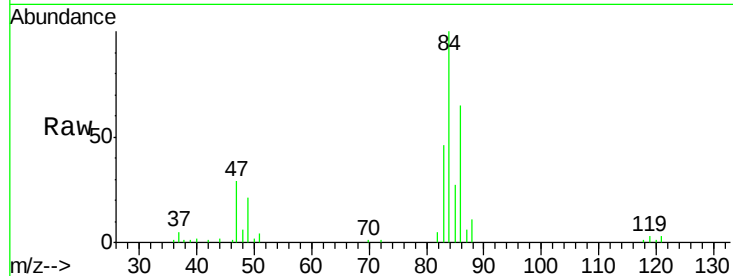




#25
Chloroform
Concen: 4.526 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014632.D
Acq: 20 Feb 2020 18:33

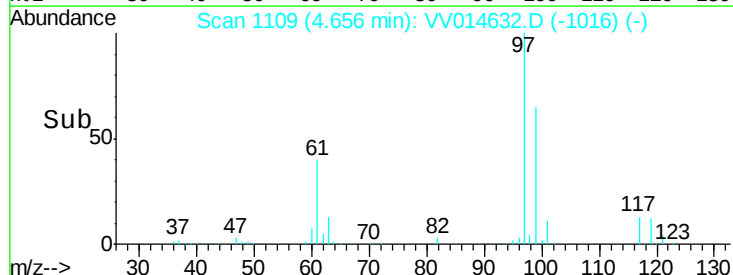
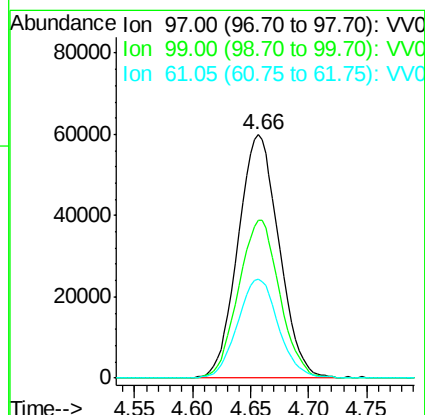
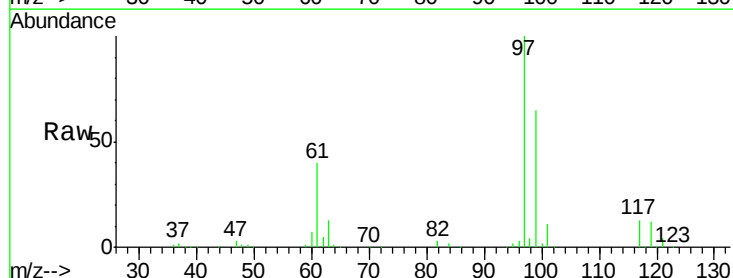
Instrument :
MSVOA_V
ClientSampled :
C0AP6

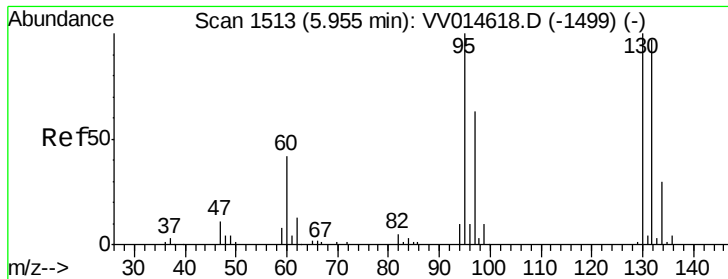
Tot Ion: 83 Resp: 14340
Ion Ratio Lower Upper
83 100
85 59.1 45.0 83.6



#30
1,1,1-Trichloroethane
Concen: 53.746 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV014632.D
Acq: 20 Feb 2020 18:33

Tgt Ion: 97 Resp: 147257
Ion Ratio Lower Upper
97 100
99 65.4 51.2 76.8
61 40.6 32.4 48.6





#34

Trichloroethene

Concen: 1705.485 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014632.D

Acq: 20 Feb 2020 18:33

Instrument :

MSVOA_V

ClientSampled :

C0AP6

Tot Ion: 95 Resp: 3043304

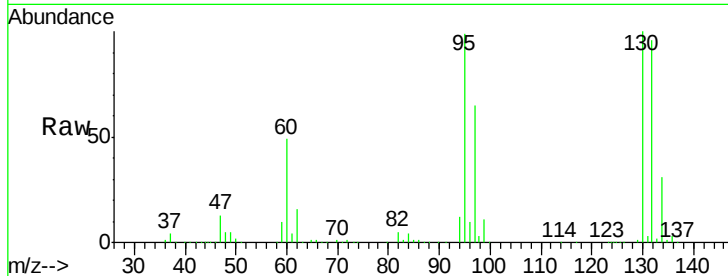
Ion Ratio Lower Upper

95 100

97 65.1 45.3 84.1

132 96.7 69.6 129.2

130 100.7 74.0 137.4

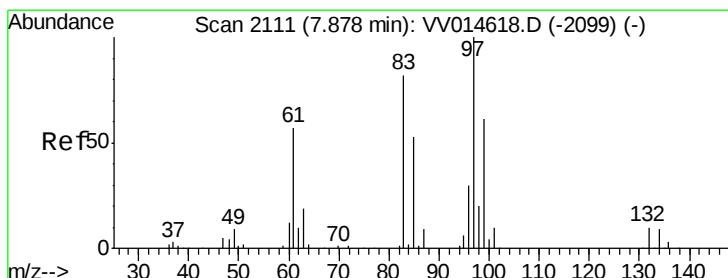
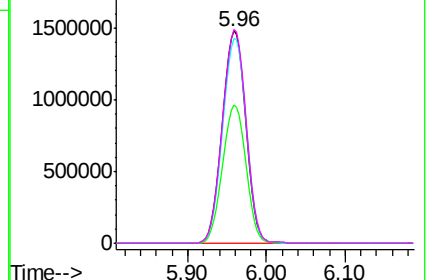
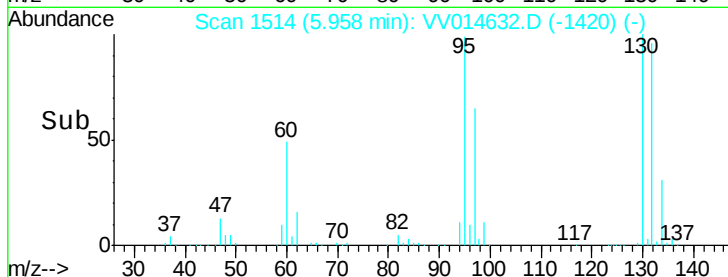


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#45

1,1,2-Trichloroethane

Concen: 0.847 ug/L

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VV014632.D

Acq: 20 Feb 2020 18:33

Tgt Ion: 97 Resp: 1428

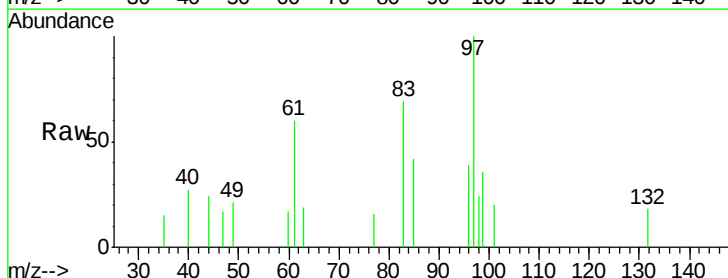
Ion Ratio Lower Upper

97 100

99 35.5 44.9 83.3#

83 68.7 57.5 106.7

85 41.8 37.5 69.7



Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

