

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102119\
 Data File : VV013257.D
 Acq On : 21 Oct 2019 21:22
 Operator : SY/MD
 Sample : K5457-16
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K21

Quant Time: Oct 22 04:20:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 03:42:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	424812	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	459601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	170444	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.58	69	143774	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.13	63	233182	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	3.97	46	455997	75.81	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	151.62%#
24) Chloroform-d	4.40	84	386376	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.08	65	190344	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.09	84	781723	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.12	67	241333	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.36	98	658255	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.66	79	79217	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.14	63	314468	52.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	166245	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	259058	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

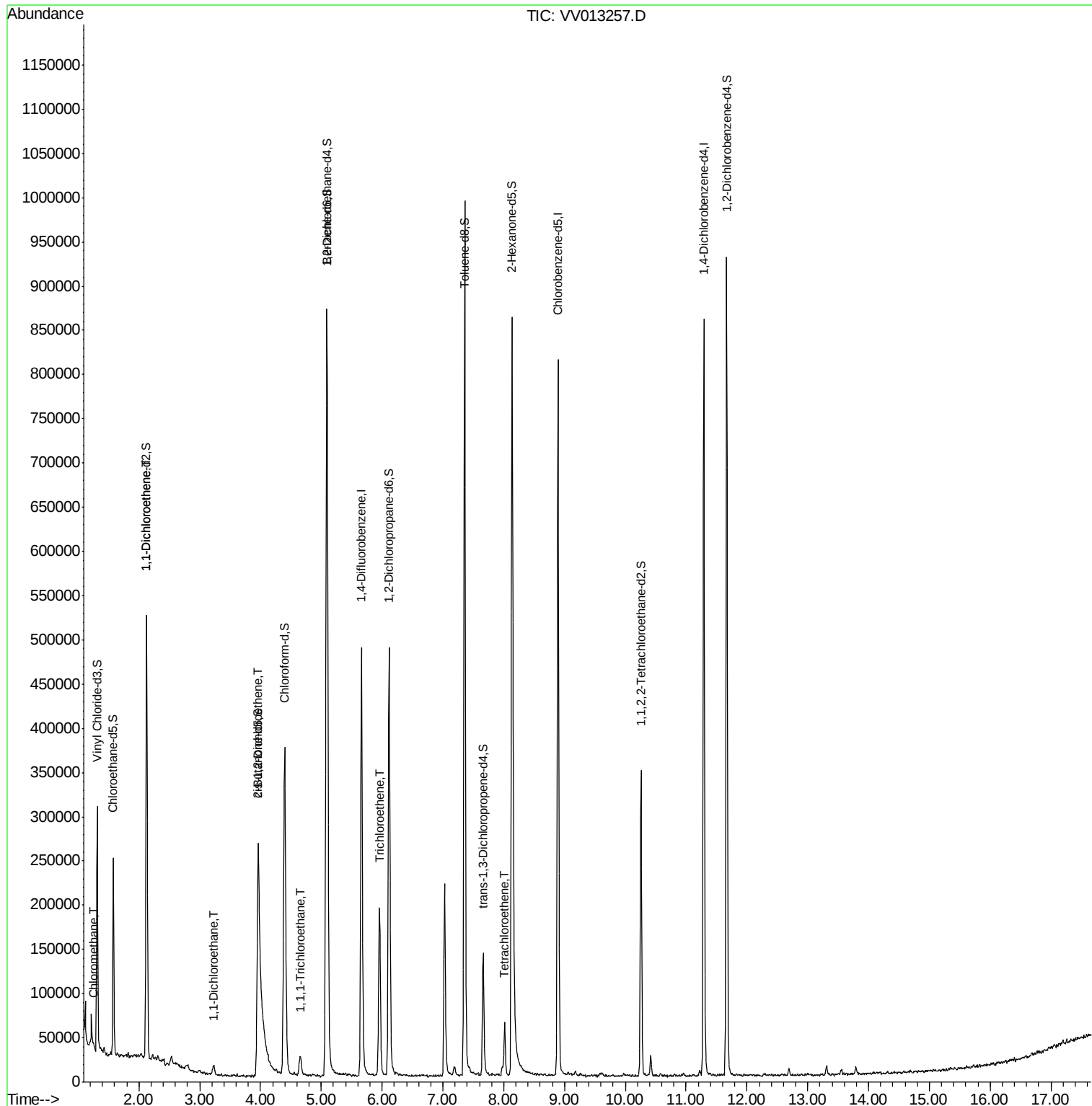
					Ovalue
3) Chloromethane	1.25	50	5436	0.133 ug/L	100
12) 1,1-Dichloroethene	2.14	96	37867	1.134 ug/L #	1
19) 1,1-Dichloroethane	3.23	63	10284	0.161 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	91900	2.181 ug/L #	86
29) 1,1,1-Trichloroethane	4.65	97	17106	0.252 ug/L	96
34) Trichloroethene	5.96	95	63870	1.356 ug/L	94
47) Tetrachloroethene	8.02	164	13582	0.318 ug/L	98

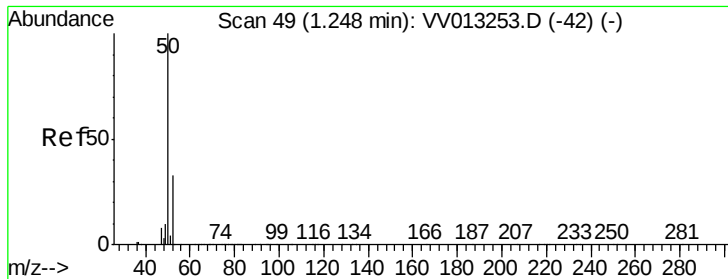
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.133 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV013257.D

Acq: 21 Oct 2019 21:22

Instrument :

MSVOA_V

ClientSampleId :

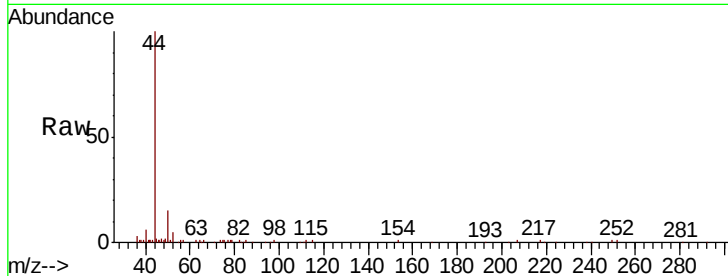
C0K21

Tot Ion: 50 Resp: 5436

Ion Ratio Lower Upper

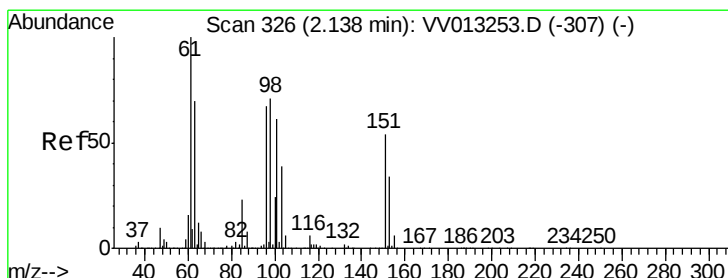
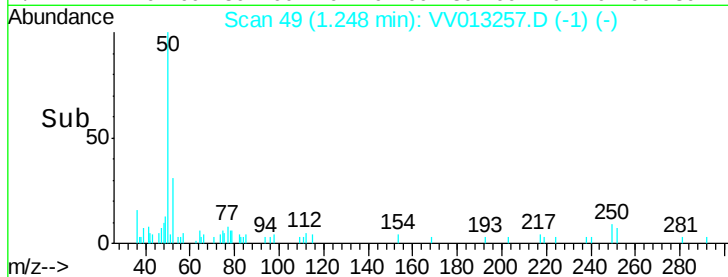
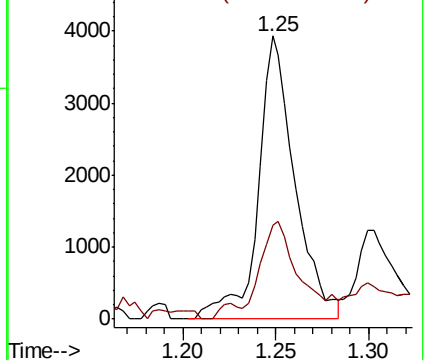
50 100

52 33.2 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 1.134 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV013257.D

Acq: 21 Oct 2019 21:22

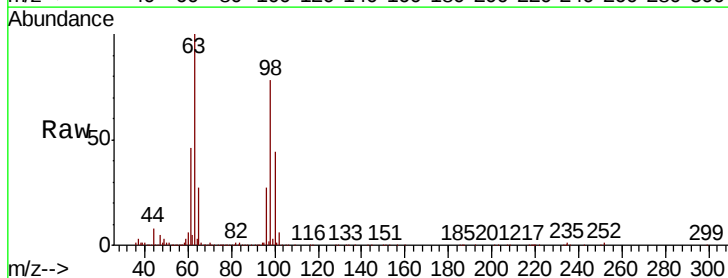
Tgt Ion: 96 Resp: 37867

Ion Ratio Lower Upper

96 100

61 173.0 104.0 193.1

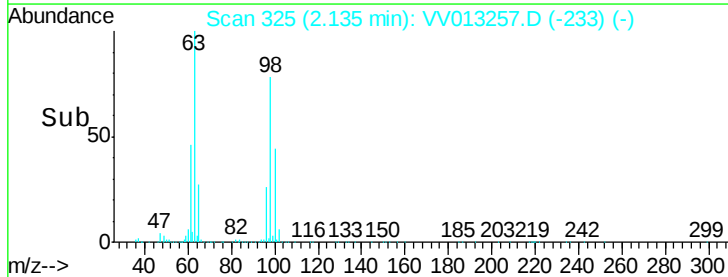
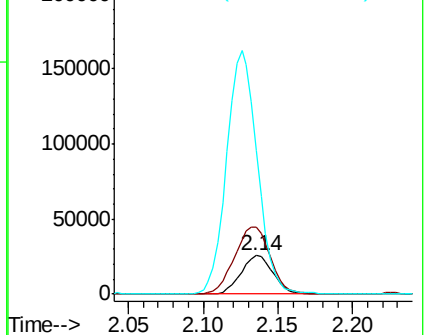
63 374.4 67.1 124.5#

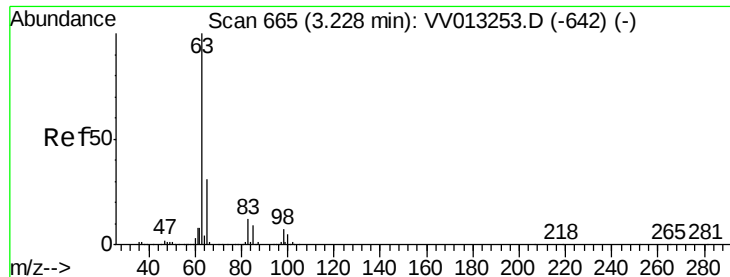


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#19

1,1-Dichloroethane

Concen: 0.161 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV013257.D

Acq: 21 Oct 2019 21:22

Instrument :

MSVOA_V

ClientSampleId :

C0K21

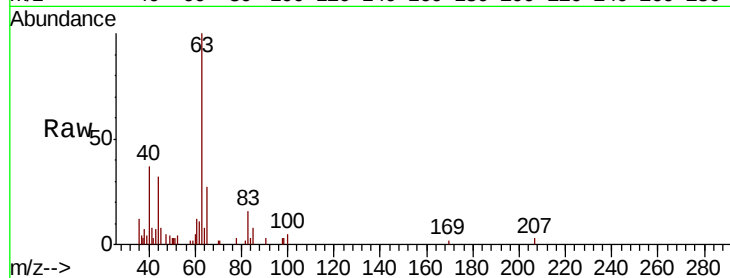
Tot Ion: 63 Resp: 10284

Ion Ratio Lower Upper

63 100

65 26.6 23.0 42.8

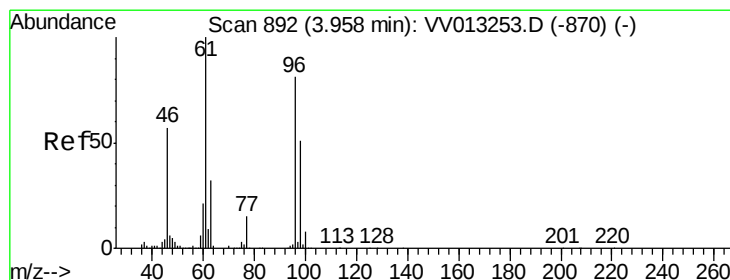
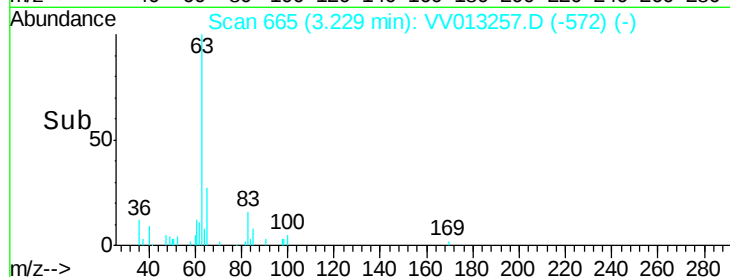
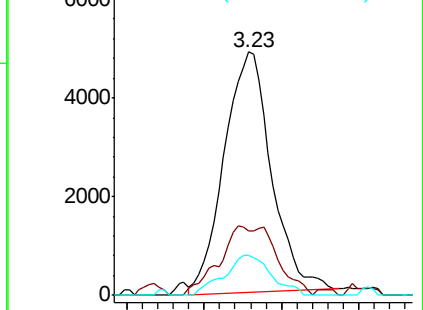
83 16.3 10.2 19.0



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 2.181 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV013257.D

Acq: 21 Oct 2019 21:22

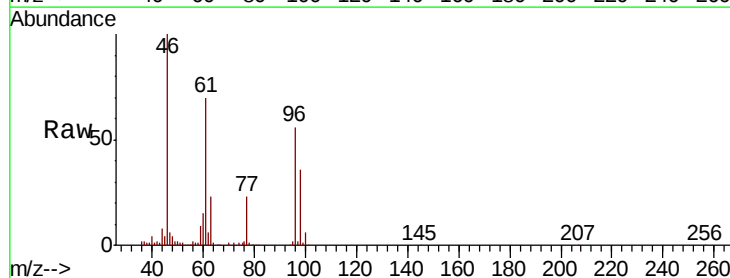
Tgt Ion: 96 Resp: 91900

Ion Ratio Lower Upper

96 100

61 125.3 77.3 143.7

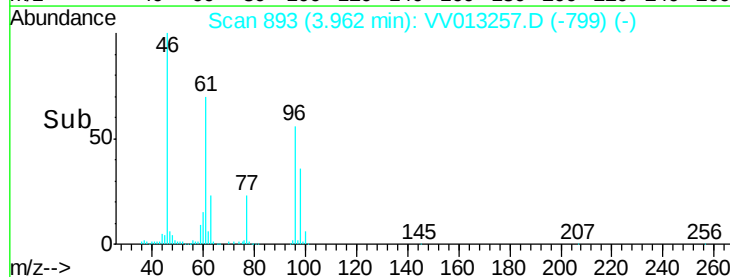
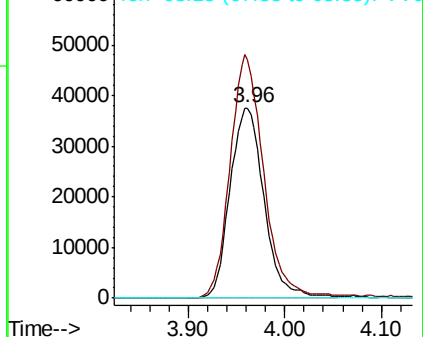
68 0.0 0.1 0.1#

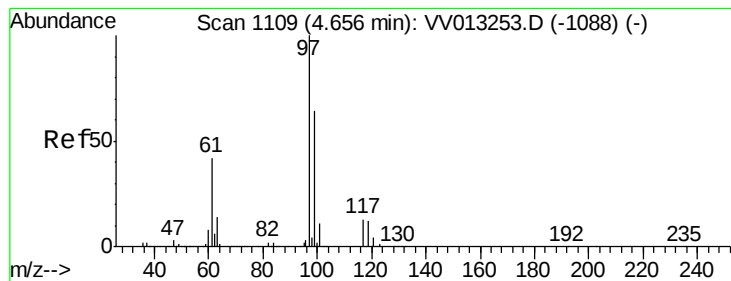


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#29

1,1,1-Trichloroethane

Concen: 0.252 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VV013257.D

Acq: 21 Oct 2019 21:22

Instrument :

MSVOA_V

ClientSampleId :

C0K21

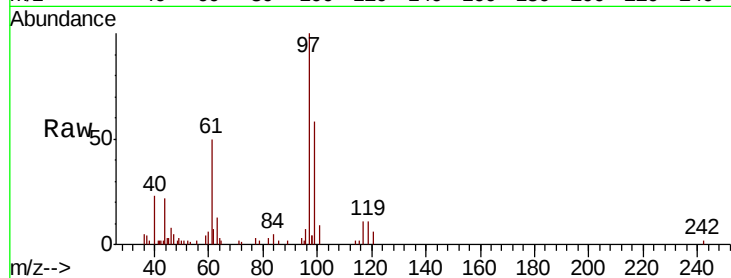
Tot Ion: 97 Resp: 17106

Ion Ratio Lower Upper

97 100

99 61.3 51.7 77.5

61 45.5 34.3 51.5

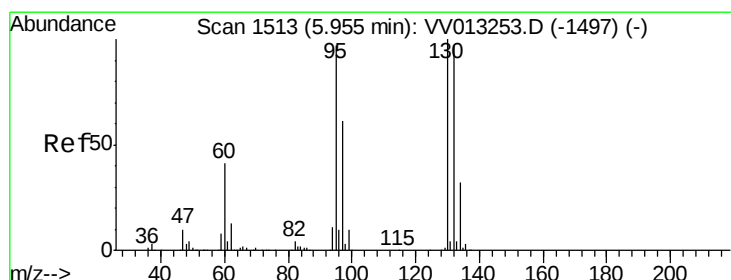
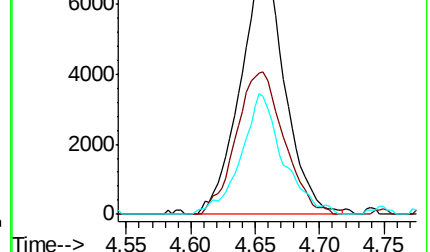
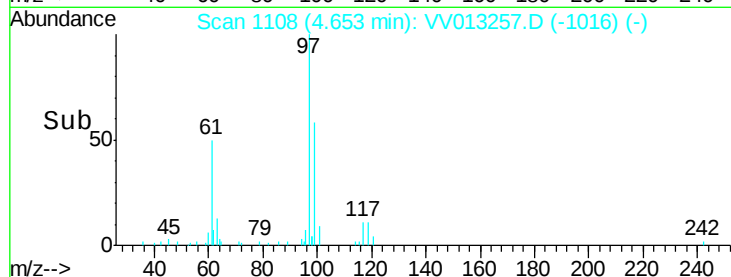


Abundance Ion 96.95 (96.65 to 97.65): VV013257.D (-1420) (-)

Ion 99.05 (98.75 to 99.75): VV013257.D (-1420) (-)

Ion 61.05 (60.75 to 61.75): VV013257.D (-1420) (-)

Time-->



#34

Trichloroethene

Concen: 1.356 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013257.D

Acq: 21 Oct 2019 21:22

Tgt Ion: 95 Resp: 63870

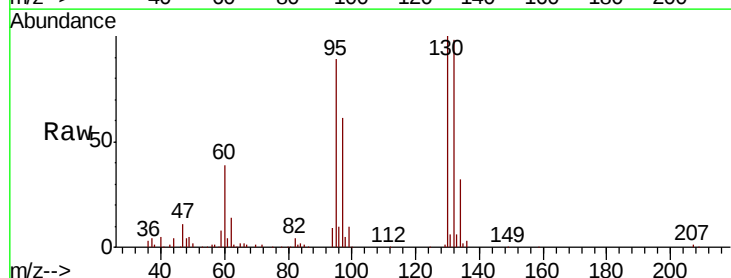
Ion Ratio Lower Upper

95 100

97 68.5 45.2 84.0

132 110.1 70.6 131.2

130 112.0 75.5 140.3



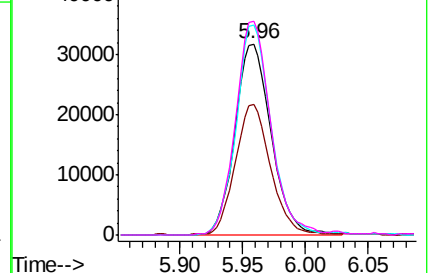
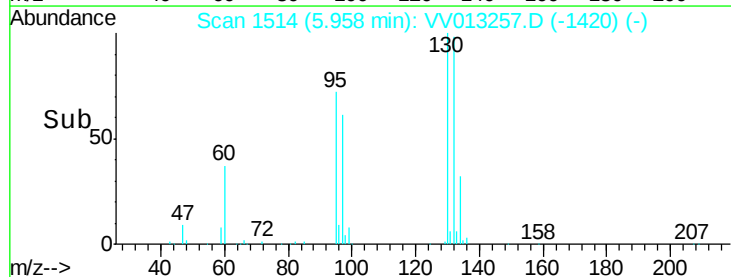
Abundance Ion 95.00 (94.70 to 95.70): VV013257.D (-1420) (-)

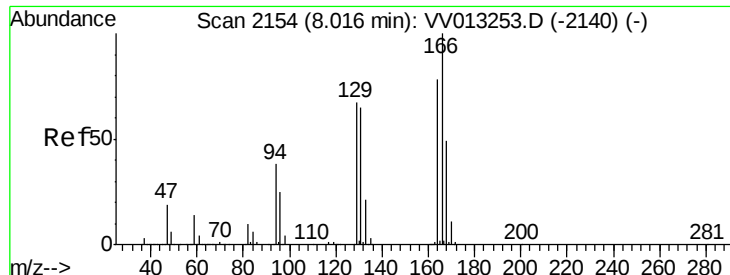
Ion 96.95 (96.65 to 97.65): VV013257.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV013257.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV013257.D (-1420) (-)

Time-->





#47

Tetrachloroethene

Concen: 0.318 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013257.D

Acq: 21 Oct 2019 21:22

Instrument :

MSVOA_V

ClientSampleId :

C0K21

Tot Ion:164 Resp: 13582

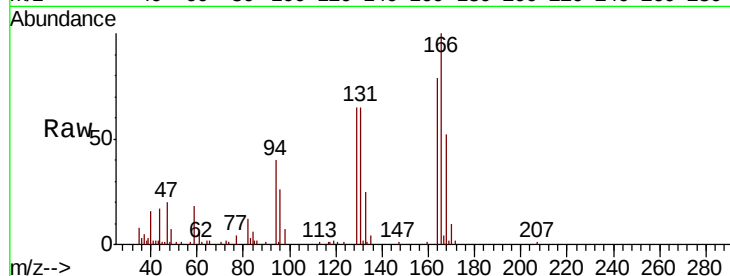
Ion Ratio Lower Upper

164 100

129 82.4 61.0 113.2

131 82.2 57.5 106.9

166 127.0 87.8 163.0



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

