

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012720\
 Data File : VV014408.D
 Acq On : 27 Jan 2020 16:14
 Operator : SY/MD
 Sample : L1253-06DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC3DL

Quant Time: Jan 28 05:02:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 28 03:12:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	874054	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	805294	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	374755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	190918	3.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.40%
7) Chloroethane-d5	1.59	69	184169	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.13	63	230558	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	3.93	46	874177	59.50	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.00%
24) Chloroform-d	4.40	84	561004	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	277202	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.10	84	1048051	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	360821	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	825767	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.66	79	127933	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.13	63	804387	57.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.28%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	285572	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	328472	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

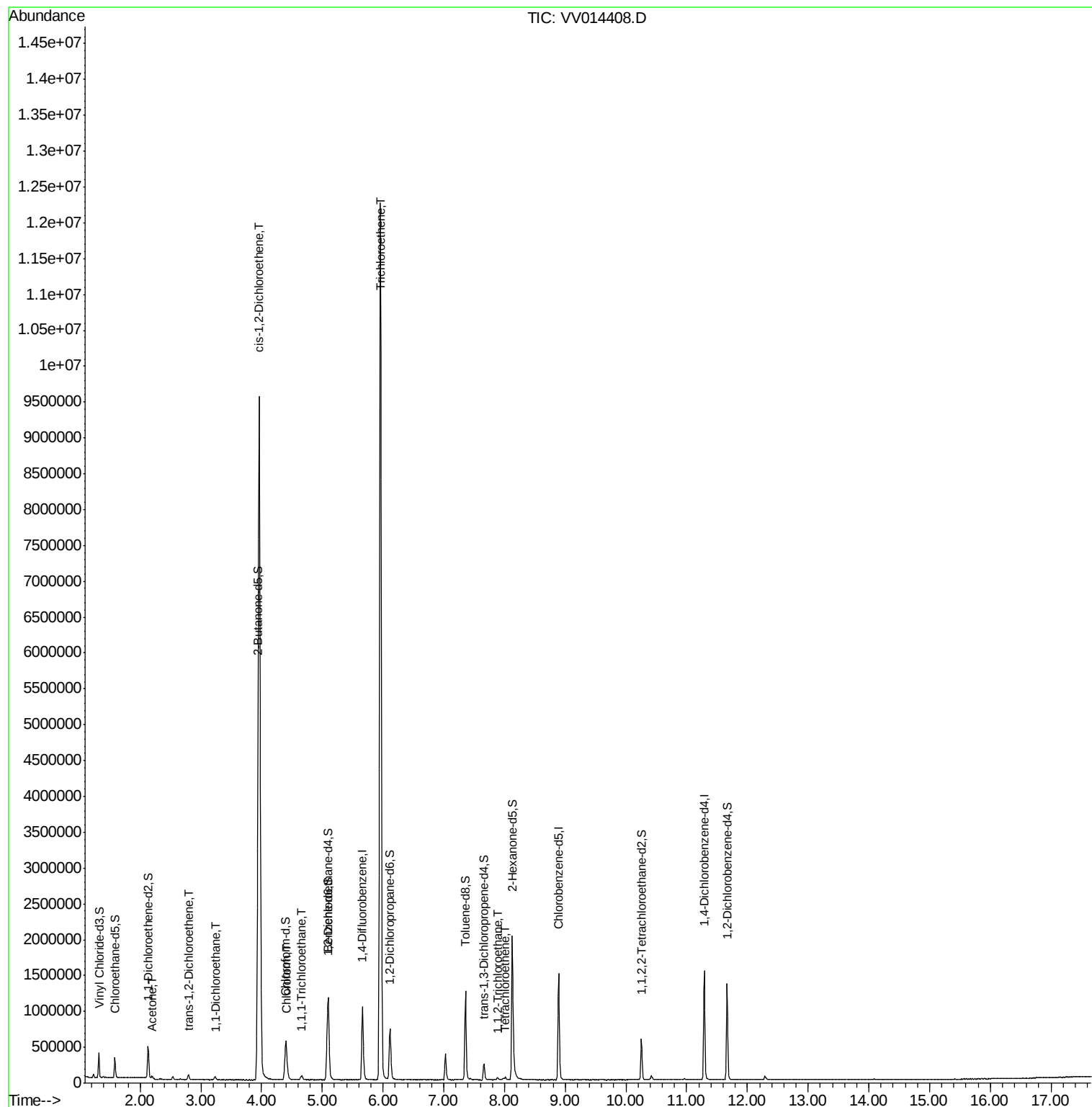
					Ovalue
13) Acetone	2.19	43	34537	3.414 ug/L	90
18) trans-1,2-Dichloroethene	2.79	96	27050	0.461 ug/L	99
19) 1,1-Dichloroethane	3.23	63	42647	0.371 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	5276683	82.005 ug/L #	98
25) Chloroform	4.43	83	54225	0.492 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	45938	0.479 ug/L	97
34) Trichloroethene	5.96	95	4420196	69.355 ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	9579	0.240 ug/L	91
47) Tetrachloroethene	8.02	164	8724	0.200 ug/L	87

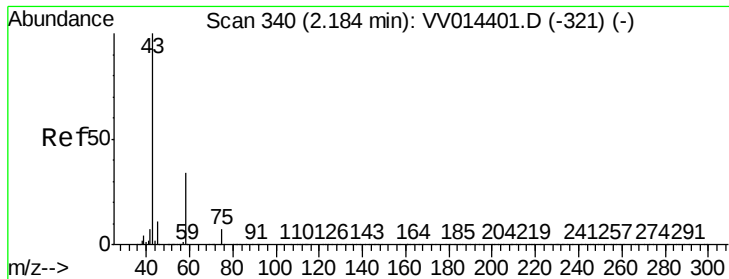
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 03:12:38 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.414 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV014408.D

Acq: 27 Jan 2020 16:14

Instrument :

MSVOA_V

ClientSampleId :

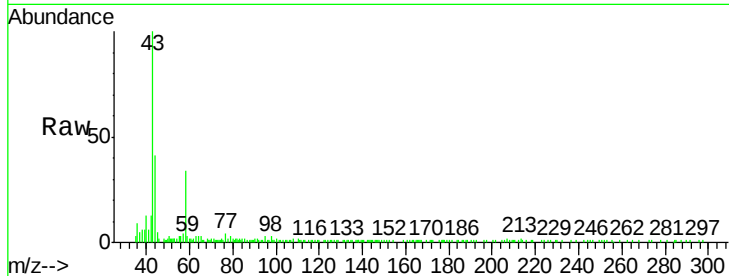
H0AC3DL

Tot Ion: 43 Resp: 34537

Ion Ratio Lower Upper

43 100

58 38.5 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

20000

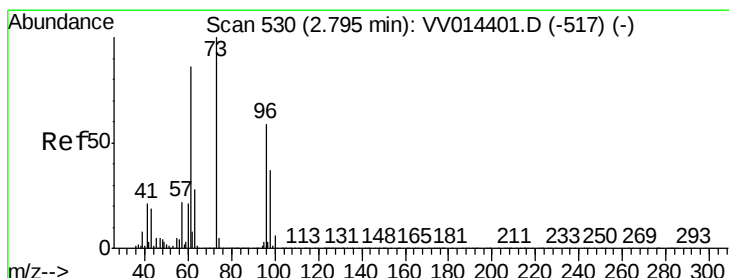
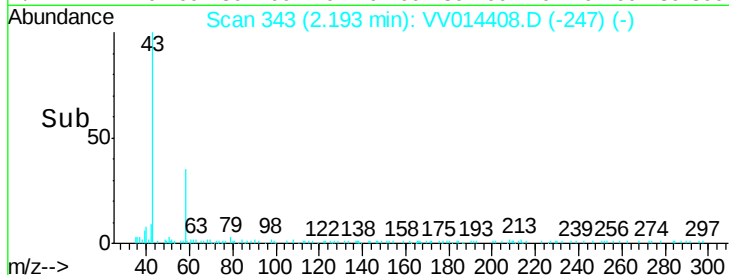
15000

10000

5000

0

Time--> 2.10 2.15 2.20 2.25



#18

trans-1,2-Dichloroethene

Concen: 0.461 ug/L

RT: 2.79 min Scan# 530

Delta R.T. -0.00 min

Lab File: VV014408.D

Acq: 27 Jan 2020 16:14

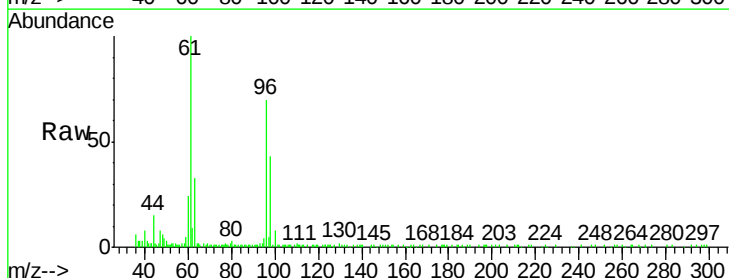
Tgt Ion: 96 Resp: 27050

Ion Ratio Lower Upper

96 100

61 143.2 99.2 184.2

98 60.9 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

30000

25000

20000

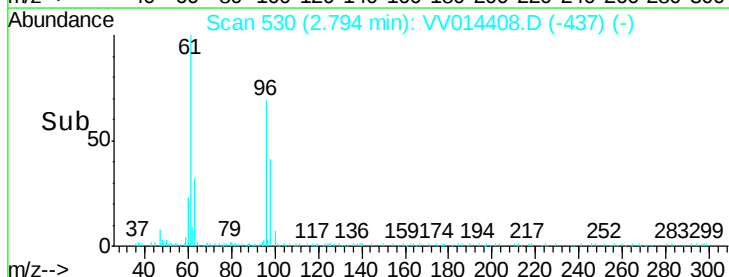
15000

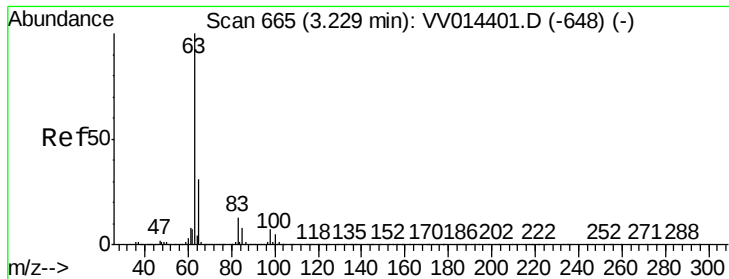
10000

5000

0

Time--> 2.75 2.80 2.85

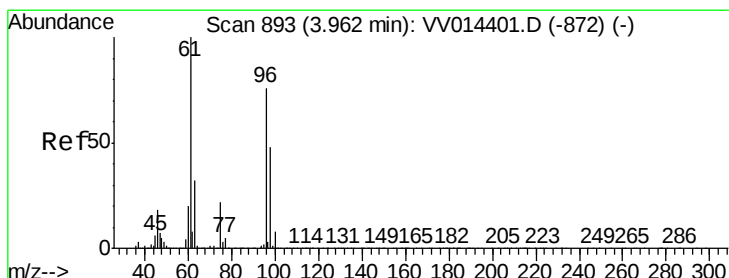
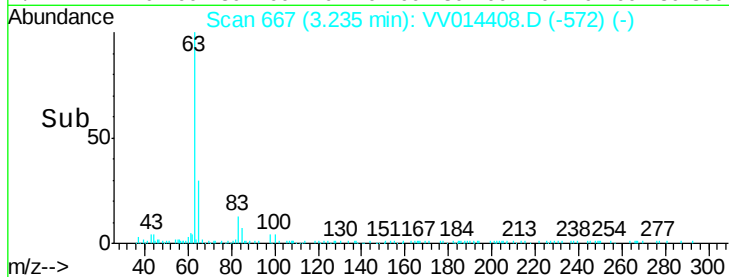
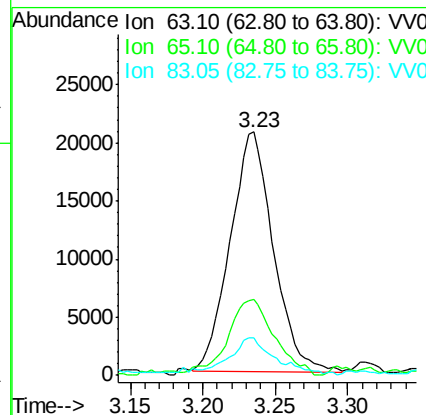
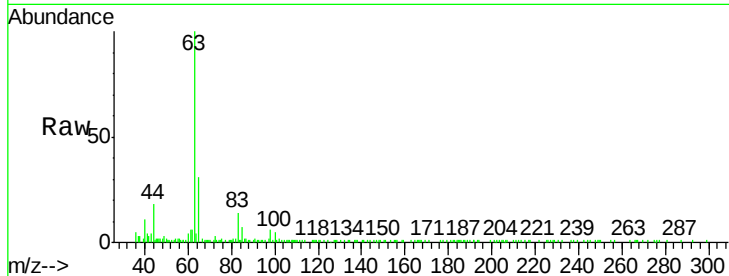




#19
 1,1-Dichloroethane
 Concen: 0.371 ug/L
 RT: 3.23 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VV014408.D
 Acq: 27 Jan 2020 16:14

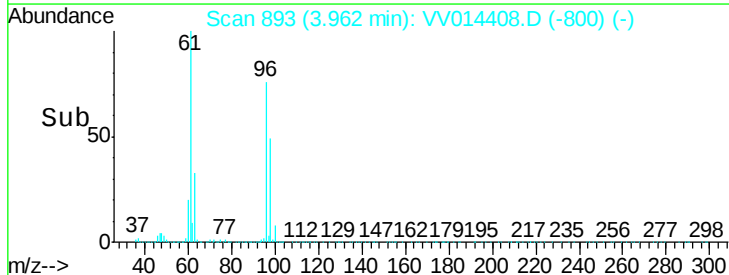
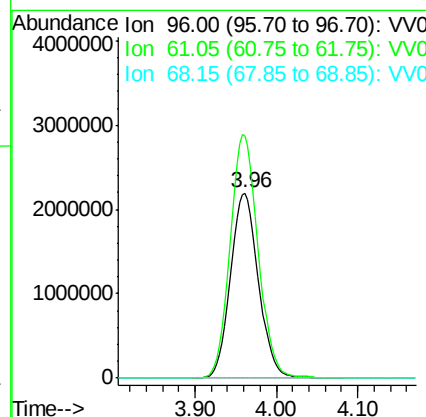
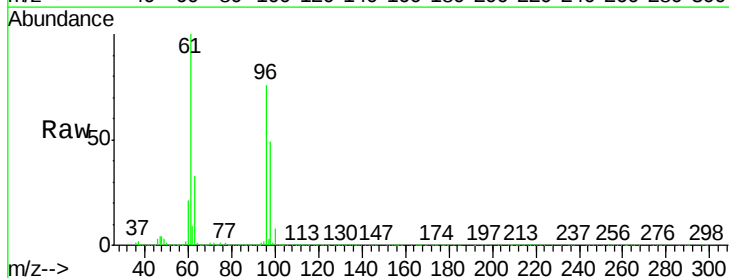
Instrument :
 MSVOA_V
 ClientSampled :
 H0AC3DL

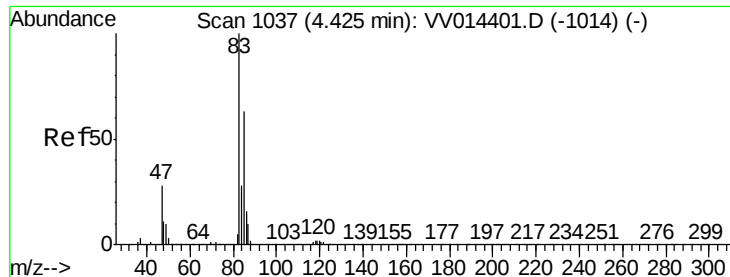
Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.7	42.3
83	14.5	10.0	18.6



#22
 cis-1,2-Dichloroethene
 Concen: 82.005 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV014408.D
 Acq: 27 Jan 2020 16:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.3	90.6	168.3
68	0.0	0.3	0.7#





#25

Chloroform

Concen: 0.492 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV014408.D

Acq: 27 Jan 2020 16:14

Instrument :

MSVOA_V

ClientSampleId :

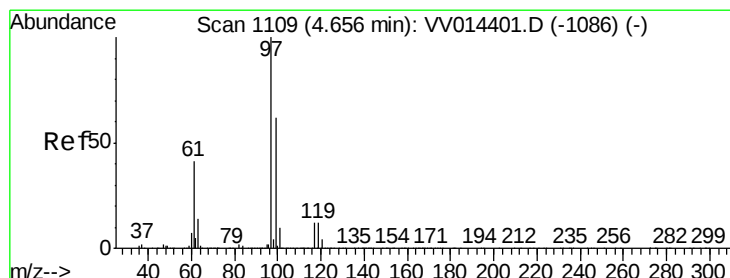
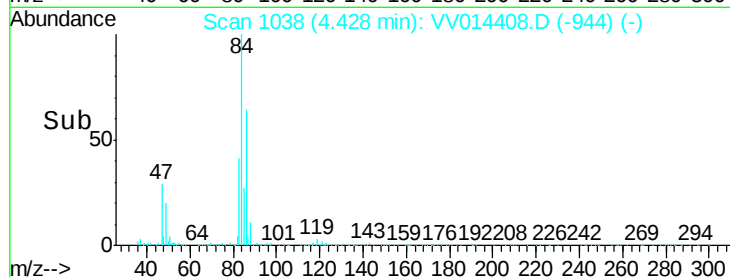
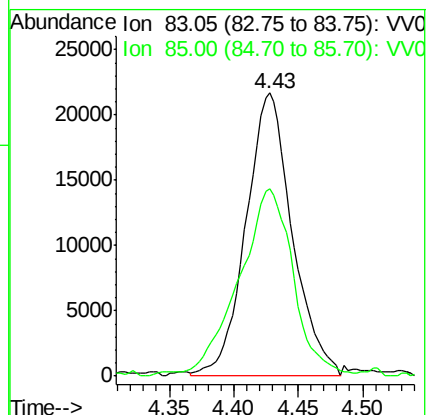
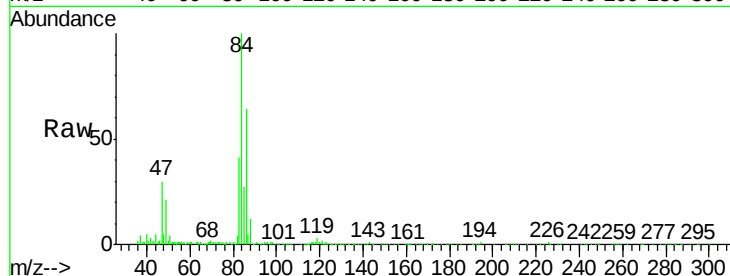
H0AC3DL

Tot Ion: 83 Resp: 54225

Ion Ratio Lower Upper

83 100

85 66.1 46.2 85.8



#29

1,1,1-Trichloroethane

Concen: 0.479 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VV014408.D

Acq: 27 Jan 2020 16:14

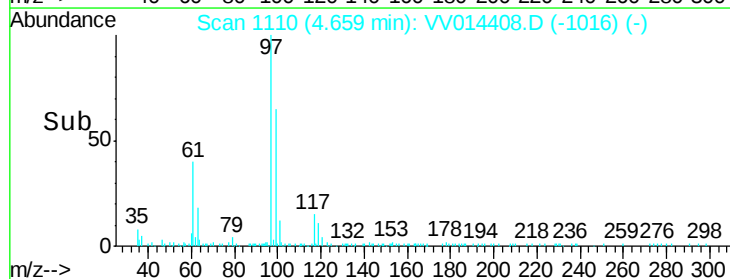
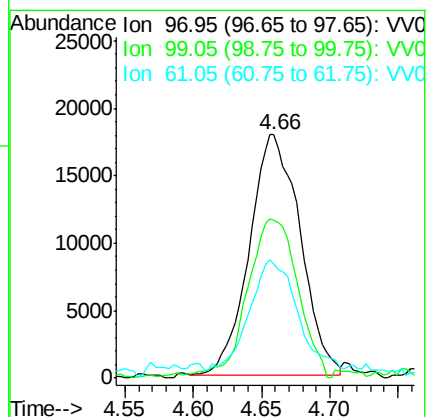
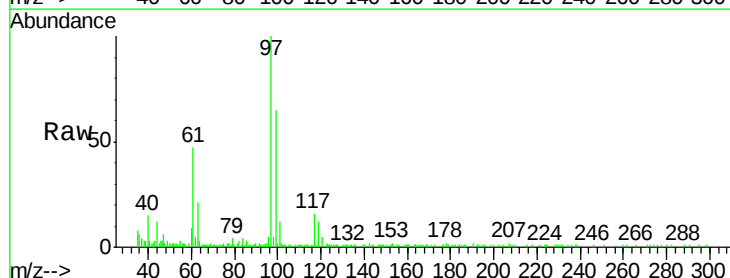
Tgt Ion: 97 Resp: 45938

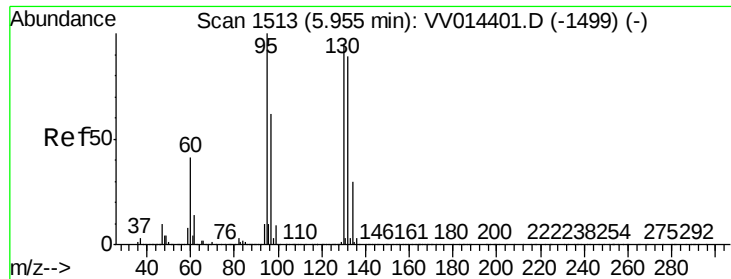
Ion Ratio Lower Upper

97 100

99 65.7 51.1 76.7

61 45.0 33.9 50.9





#34

Trichloroethene

Concen: 69.355 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV014408.D

Acq: 27 Jan 2020 16:14

Instrument :

MSVOA_V

ClientSampleId :

H0AC3DL

Tot Ion: 95 Resp: 4420196

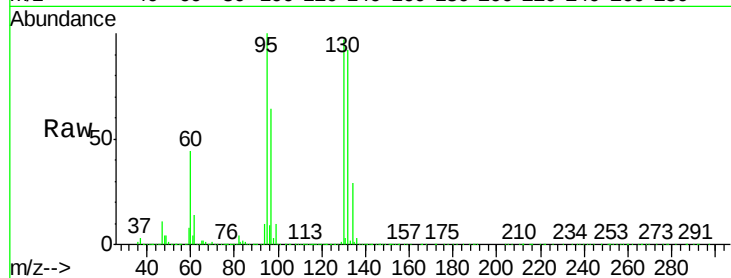
Ion Ratio Lower Upper

95 100

97 64.1 43.8 81.3

132 91.7 63.4 117.8

130 97.1 65.7 122.1

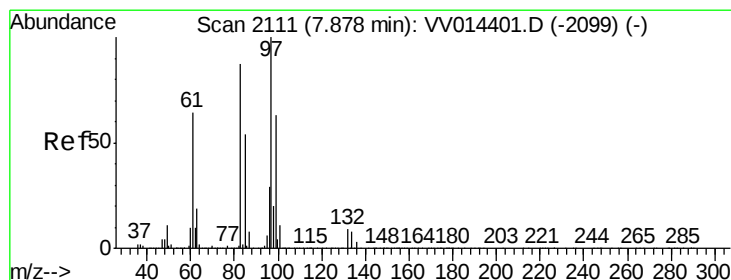
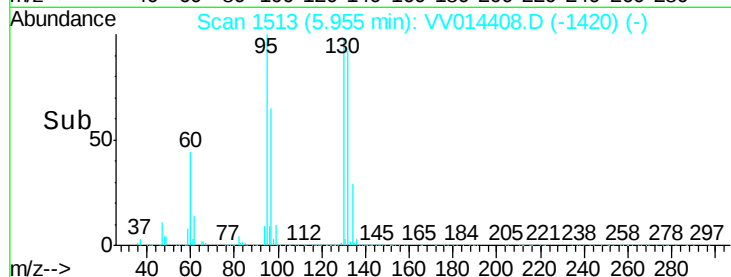
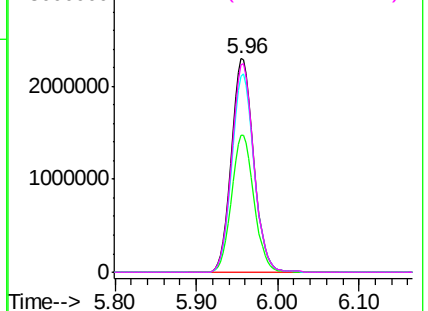


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#45

1,1,2-Trichloroethane

Concen: 0.240 ug/L

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VV014408.D

Acq: 27 Jan 2020 16:14

Tgt Ion: 97 Resp: 9579

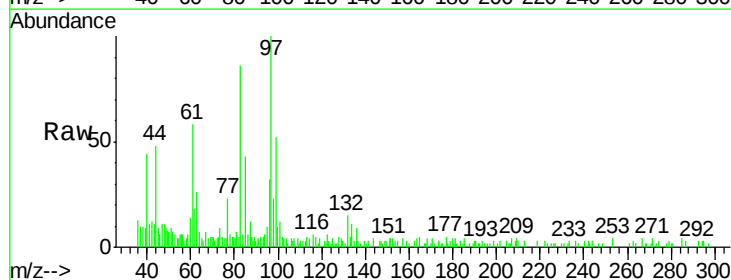
Ion Ratio Lower Upper

97 100

99 51.9 43.7 81.1

83 85.6 60.0 111.4

85 43.3 39.2 72.8

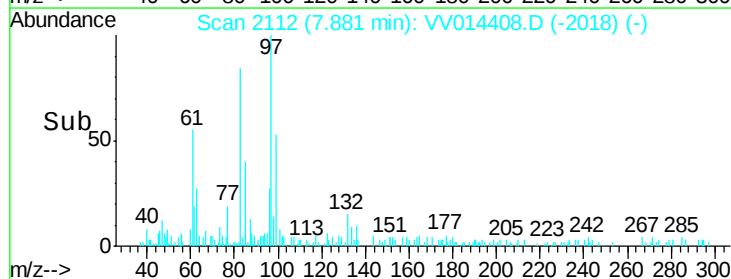
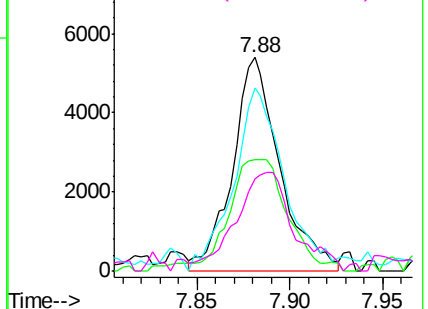


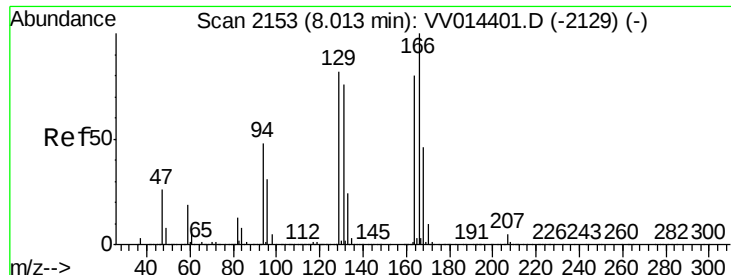
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0





#47

Tetrachloroethene

Concen: 0.200 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV014408.D

Acq: 27 Jan 2020 16:14

Instrument :

MSVOA_V

ClientSampleId :

H0AC3DL

Tot Ion:164 Resp: 8724

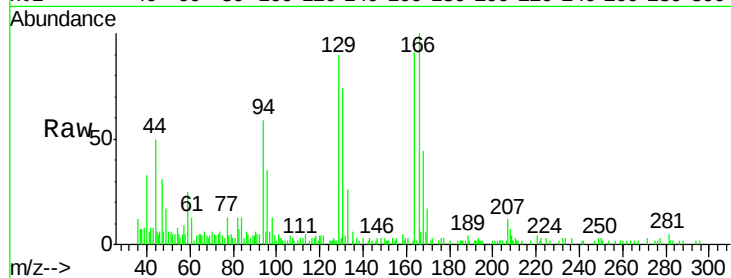
Ion Ratio Lower Upper

164 100

129 99.0 71.7 133.3

131 81.3 70.4 130.8

166 109.9 90.3 167.7



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

