

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011620\
 Data File : VV014319.D
 Acq On : 16 Jan 2020 14:08
 Operator : SY/MD
 Sample : L1156-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA4

Quant Time: Jan 17 06:00:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 05:31:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	815398	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	743662	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	341910	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	227502	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.59	69	189752	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.13	63	278223	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	3.96	46	656660	47.91	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.82%
24) Chloroform-d	4.40	84	492890	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	251989	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	1064664	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	338662	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	946795	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.66	79	135953	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.13	63	588523	45.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	229031	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	303861	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

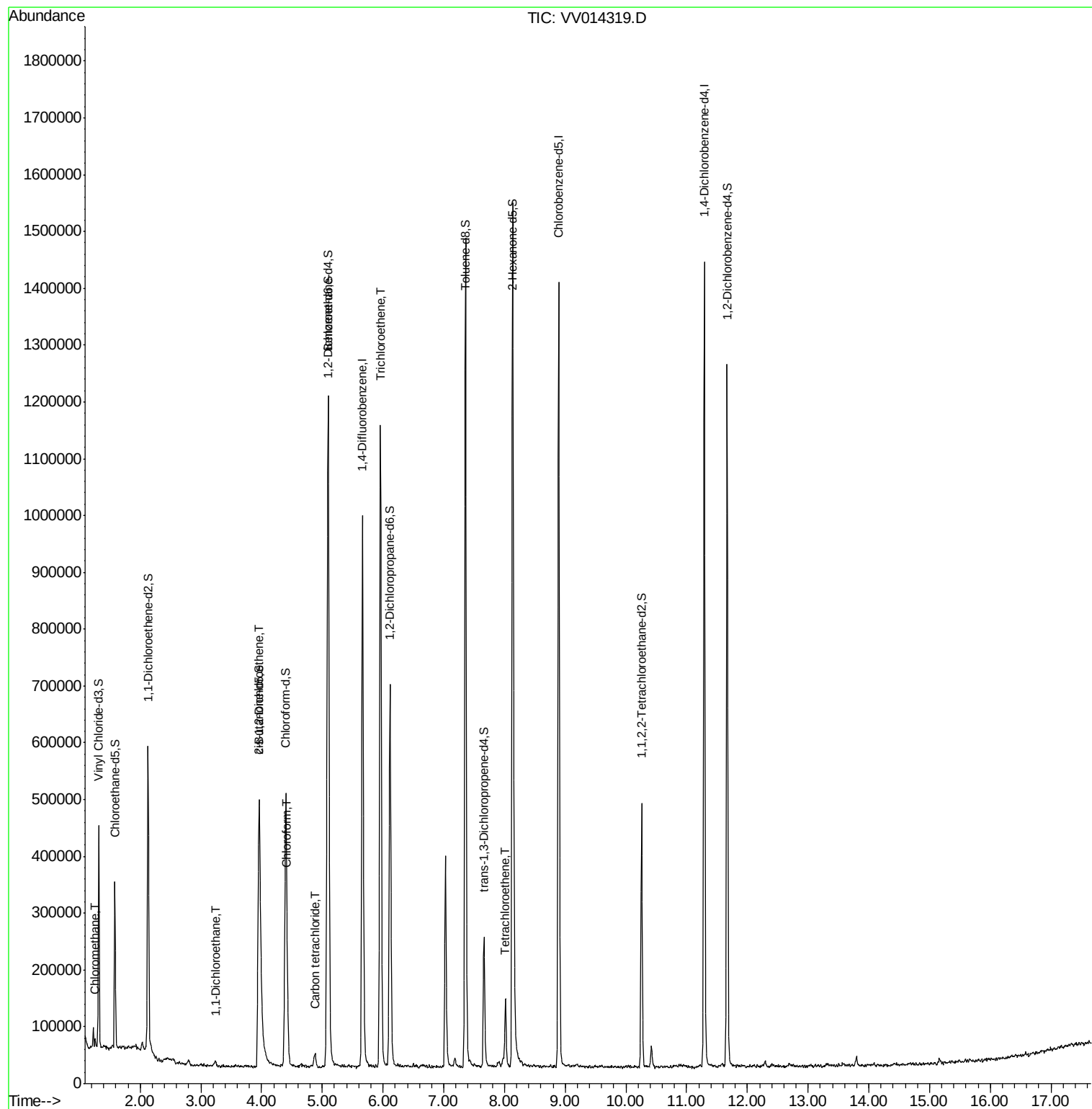
					Ovalue
3) Chloromethane	1.26	50	11731	0.192	ug/L 100
19) 1,1-Dichloroethane	3.23	63	10006	0.093	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	116245	1.937	ug/L # 93
25) Chloroform	4.43	83	39757	0.387	ug/L 95
31) Carbon tetrachloride	4.88	117	16426	0.217	ug/L 97
34) Trichloroethene	5.96	95	415746	7.064	ug/L 99
47) Tetrachloroethene	8.02	164	26968	0.671	ug/L 93

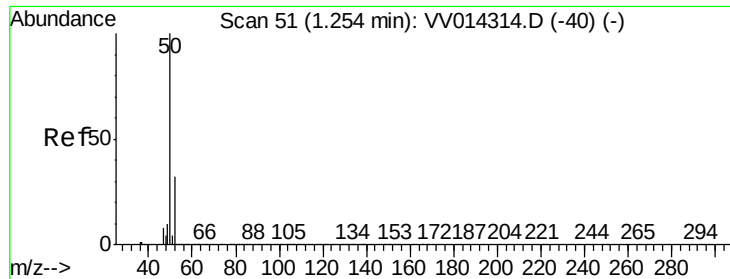
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 05:31:19 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.192 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV014319.D

Acq: 16 Jan 2020 14:08

Instrument :

MSVOA_V

ClientSampleId :

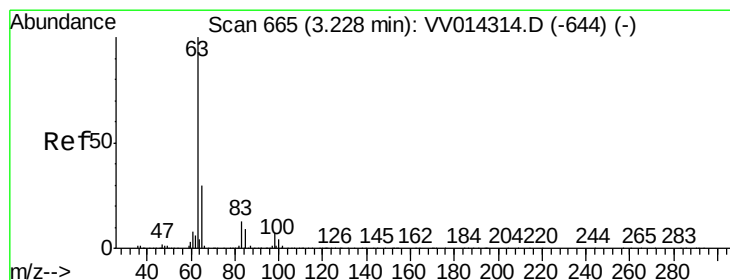
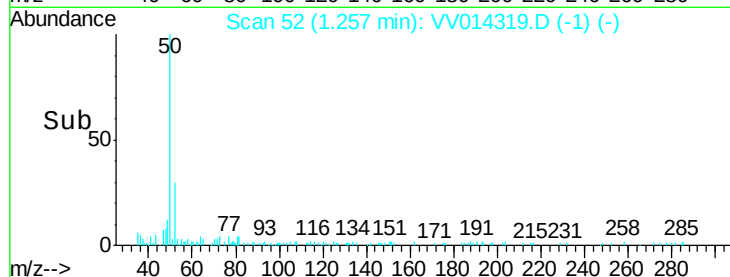
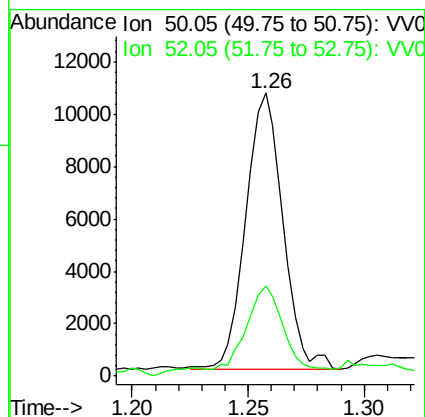
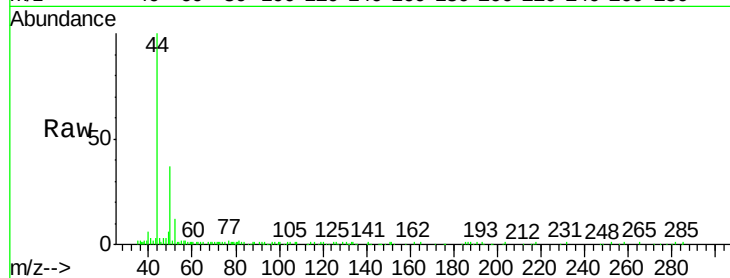
C0AA4

Tot Ion: 50 Resp: 11731

Ion Ratio Lower Upper

50 100

52 31.6 22.3 41.3



#19

1,1-Dichloroethane

Concen: 0.093 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV014319.D

Acq: 16 Jan 2020 14:08

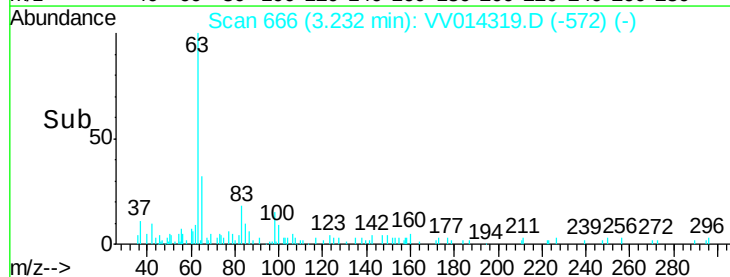
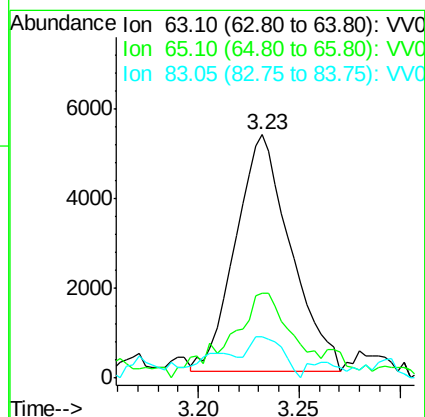
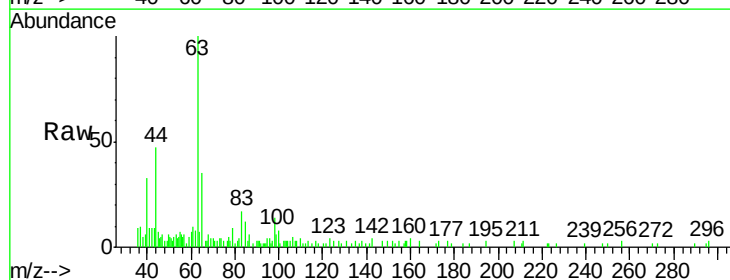
Tgt Ion: 63 Resp: 10006

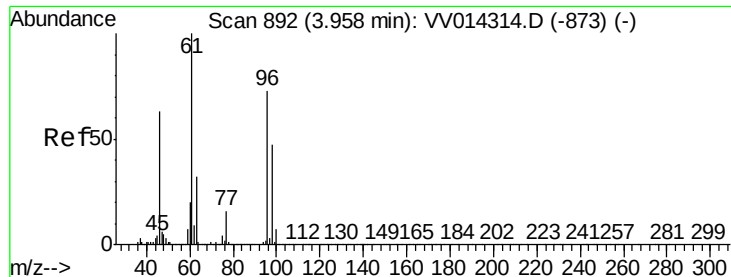
Ion Ratio Lower Upper

63 100

65 34.8 22.7 42.3

83 17.1 10.0 18.6





#22

cis-1,2-Dichloroethene

Concen: 1.937 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV014319.D

Acq: 16 Jan 2020 14:08

Instrument :

MSVOA_V

ClientSampleId :

C0AA4

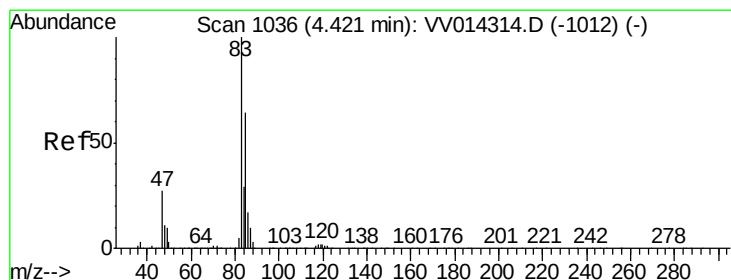
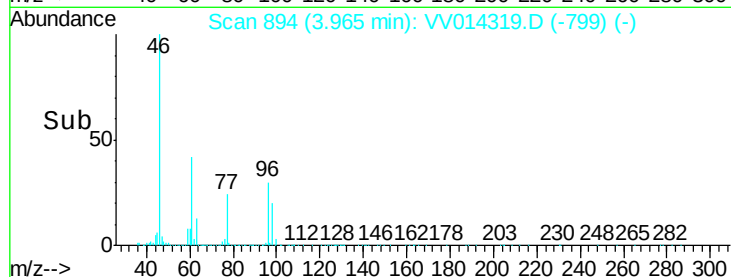
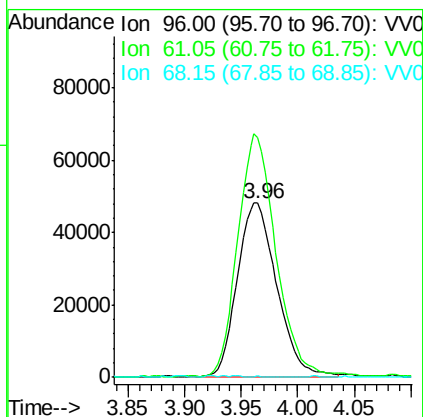
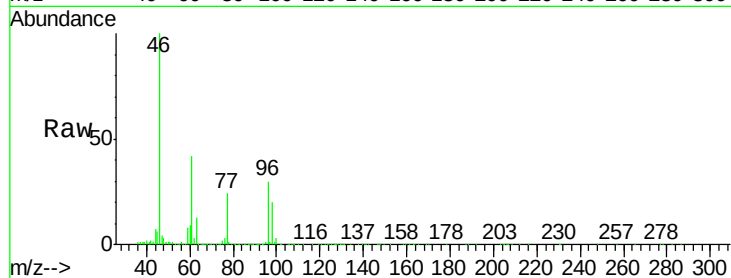
Tot Ion: 96 Resp: 116245

Ion Ratio Lower Upper

96 100

61 137.8 90.6 168.3

68 1.1 0.3 0.7#



#25

Chloroform

Concen: 0.387 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014319.D

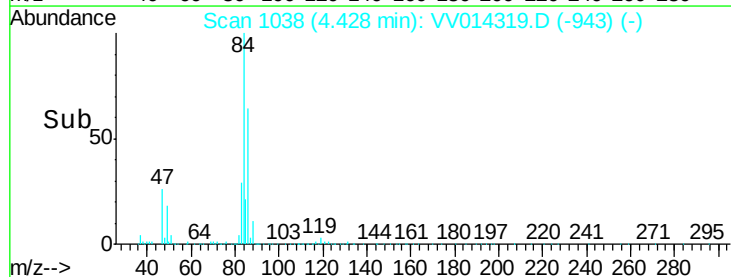
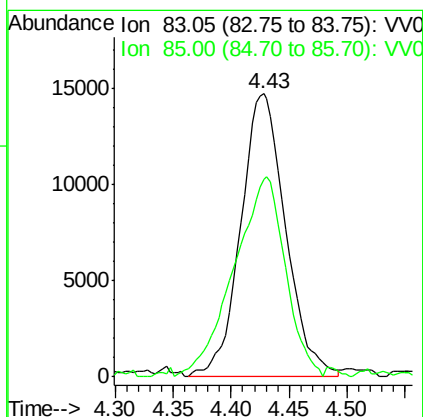
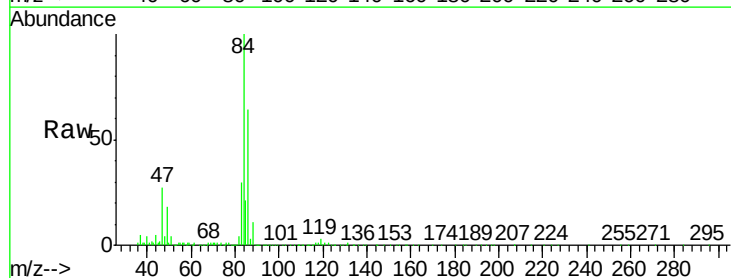
Acq: 16 Jan 2020 14:08

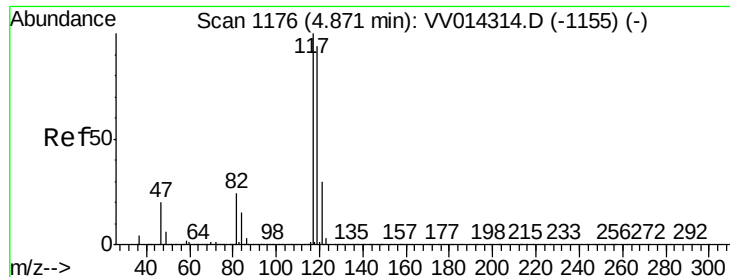
Tgt Ion: 83 Resp: 39757

Ion Ratio Lower Upper

83 100

85 69.6 46.2 85.8





#31

Carbon tetrachloride

Concen: 0.217 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VV014319.D

Acq: 16 Jan 2020 14:08

Instrument :

MSVOA_V

ClientSampleId :

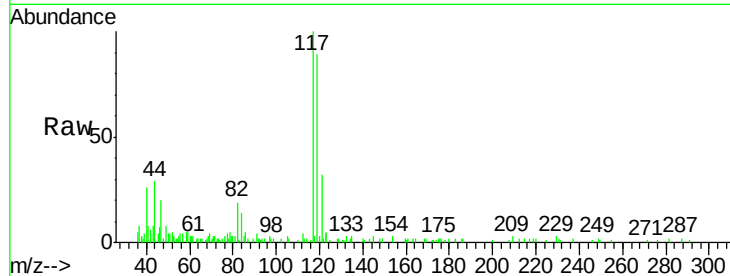
C0AA4

Tot Ion:117 Resp: 16426

Ion Ratio Lower Upper

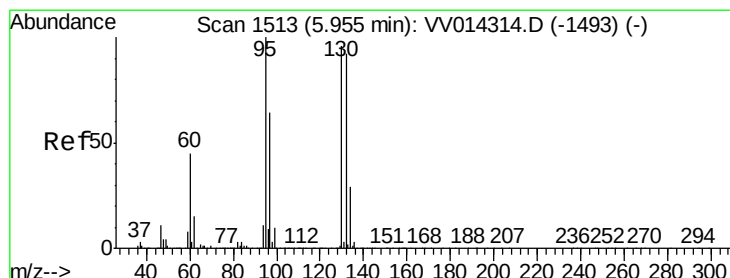
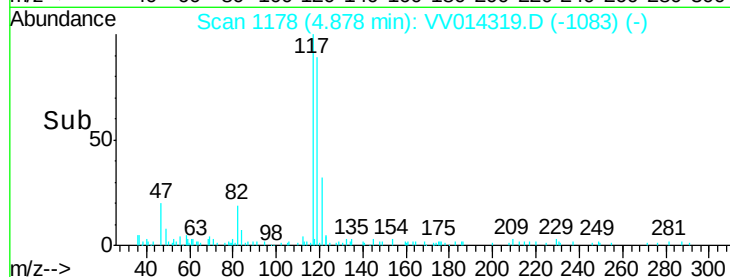
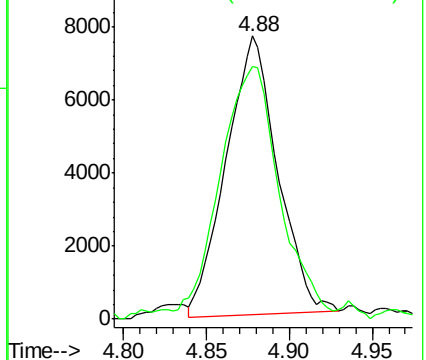
117 100

119 99.0 76.8 115.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 7.064 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014319.D

Acq: 16 Jan 2020 14:08

Tgt Ion: 95 Resp: 415746

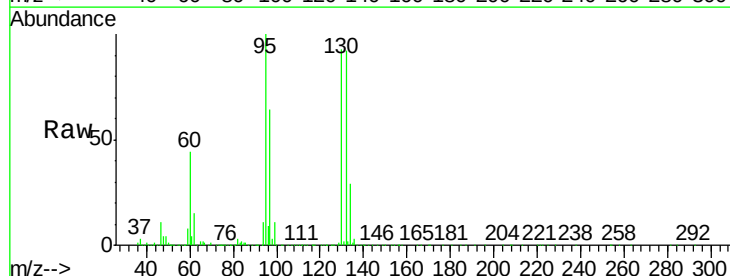
Ion Ratio Lower Upper

95 100

97 63.8 43.8 81.3

132 92.0 63.4 117.8

130 93.4 65.7 122.1

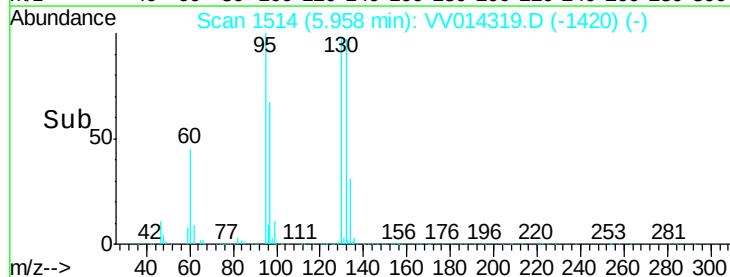
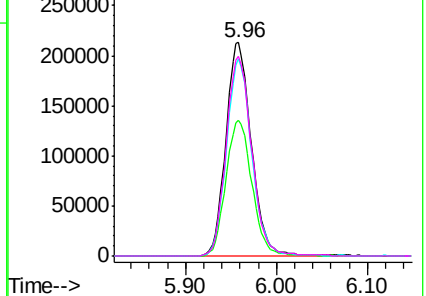


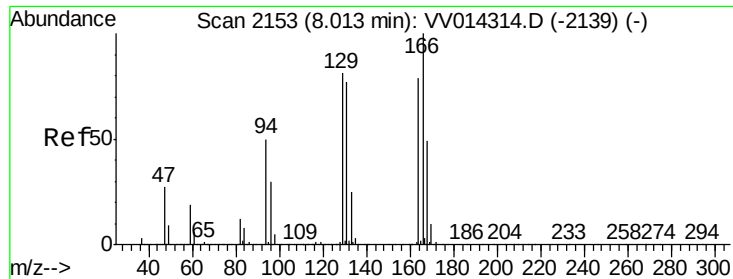
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 0.671 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.01 min

Lab File: VV014319.D

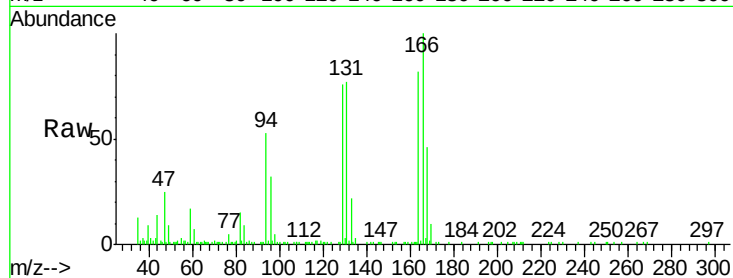
Acq: 16 Jan 2020 14:08

Instrument :

MSVOA_V

ClientSampleId :

C0AA4



Tot Ion:164 Resp: 26968

Ion Ratio Lower Upper

164 100

129 92.6 71.7 133.3

131 94.1 70.4 130.8

166 122.2 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

