

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
 Data File : VV012452.D
 Acq On : 30 Aug 2019 12:52
 Operator : SY/MD
 Sample : K4500-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANL2

Quant Time: Aug 31 01:16:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 31 00:07:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222742	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	220365	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	80869	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68198	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.58	69	51977	3.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.40%
11) 1,1-Dichloroethene-d2	2.13	63	83168	2.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.00%#
20) 2-Butanone-d5	3.93	46	151393	37.42	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.84%
24) Chloroform-d	4.40	84	126823	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
26) 1,2-Dichloroethane-d4	5.08	65	68486	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.10	84	257144	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	6.12	67	85044	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.36	98	209448	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	7.66	79	27220	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.13	63	103844	35.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	59612	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	70928	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

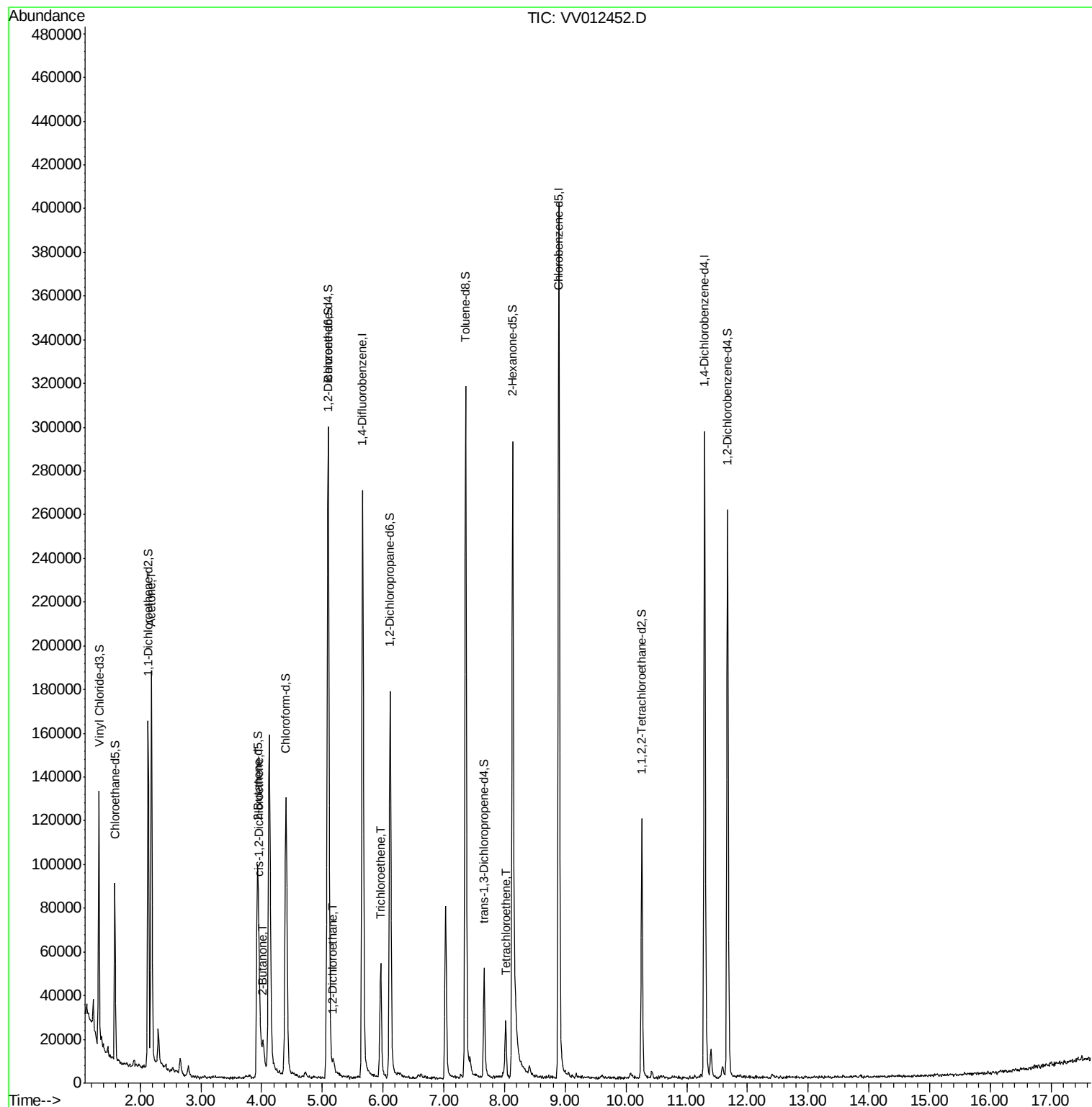
					Qvalue
13) Acetone	2.19	43	176383	59.659 ug/L	98
21) 2-Butanone	4.02	43	18328	3.372 ug/L	83
22) cis-1,2-Dichloroethene	3.96	96	6112	0.270 ug/L	92
27) 1,2-Dichloroethane	5.19	62	4015	0.161 ug/L #	92
34) Trichloroethene	5.96	95	17591	0.757 ug/L	96
47) Tetrachloroethene	8.02	164	5811	0.312 ug/L	96

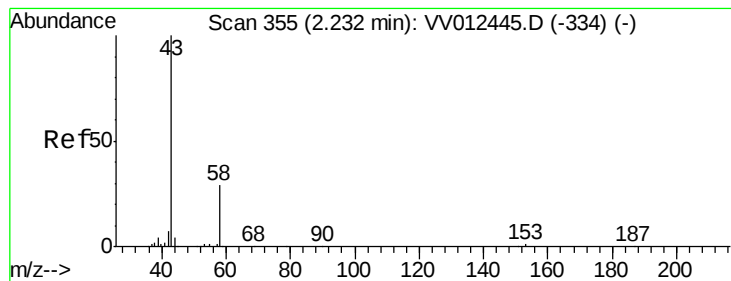
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 31 00:07:21 2019
Response via : Initial Calibration





#13

Acetone

Concen: 59.659 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

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Acq: 30 Aug 2019 12:52

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MSVOA_V

ClientSampleId :

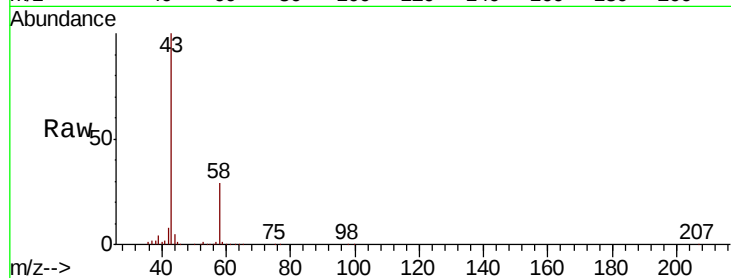
GANL2

Tgt Ion: 43 Resp: 176383

Ion Ratio Lower Upper

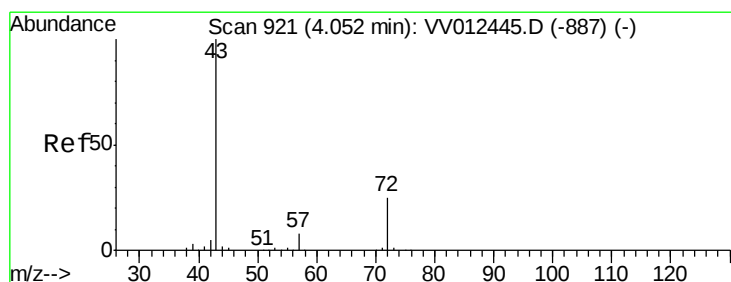
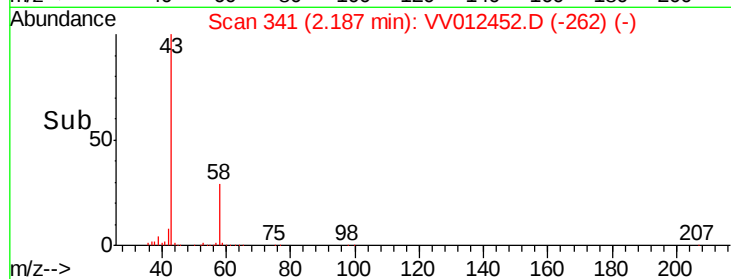
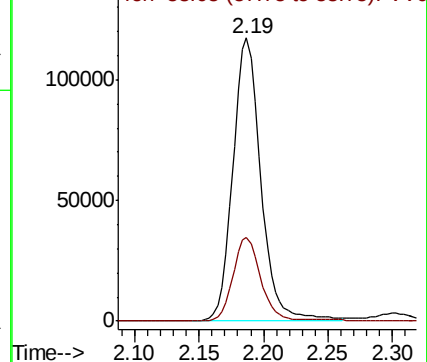
43 100

58 29.7 0.0 56.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 3.372 ug/L

RT: 4.02 min Scan# 912

Delta R.T. -0.03 min

Lab File: VV012452.D

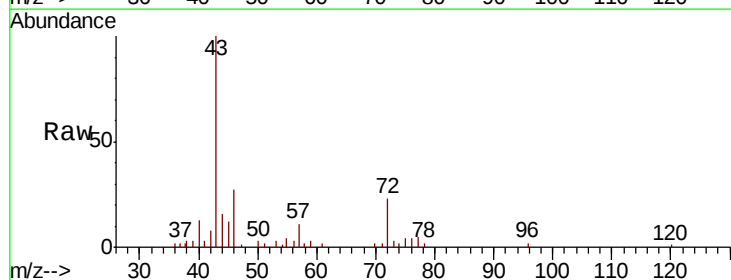
Acq: 30 Aug 2019 12:52

Tgt Ion: 43 Resp: 18328

Ion Ratio Lower Upper

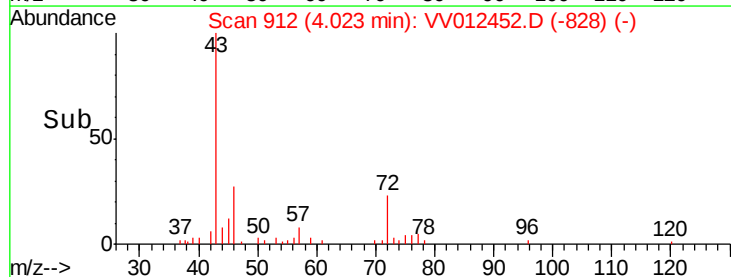
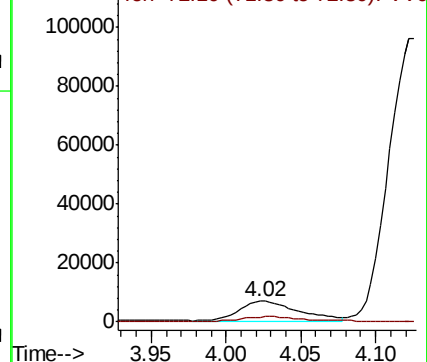
43 100

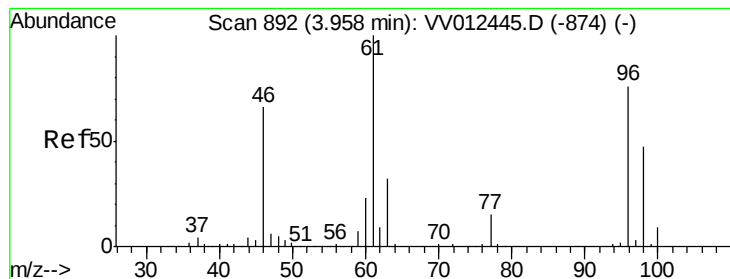
72 31.9 11.8 35.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



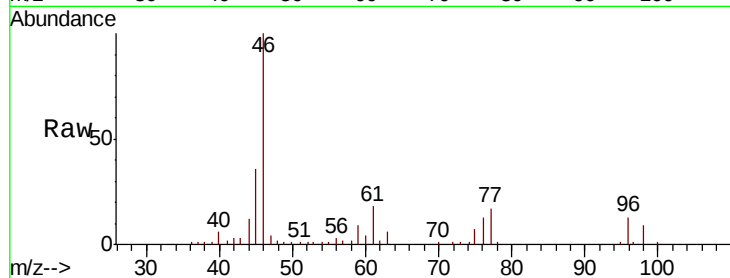


#22

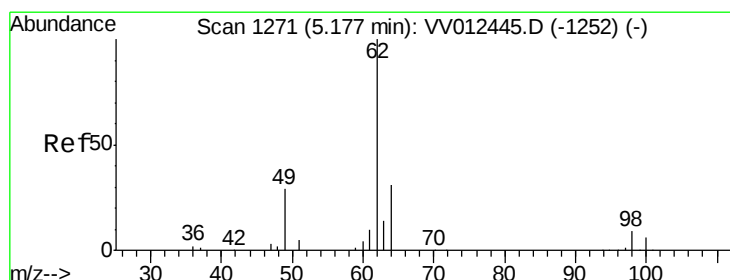
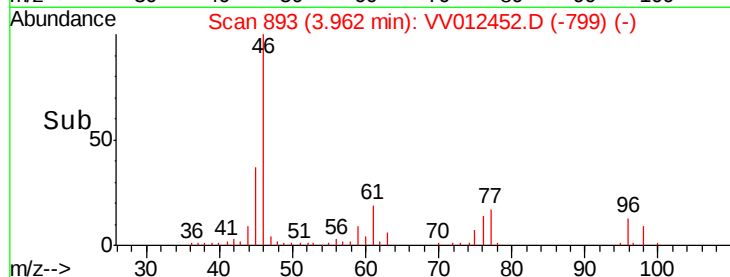
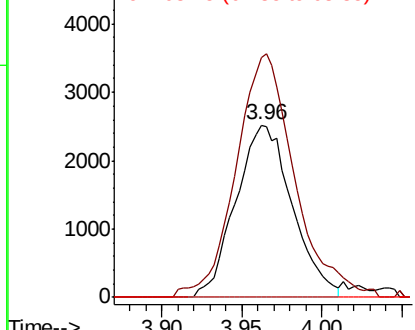
cis-1,2-Dichloroethene
 Concen: 0.270 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012452.D
 Acq: 30 Aug 2019 12:52

Instrument :
 MSVOA_V
 ClientSampleId :
 GANL2

Tgt Ion: 96 Resp: 6112
 Ion Ratio Lower Upper
 96 100
 61 139.6 91.5 169.9
 68 0.0 0.0 0.0



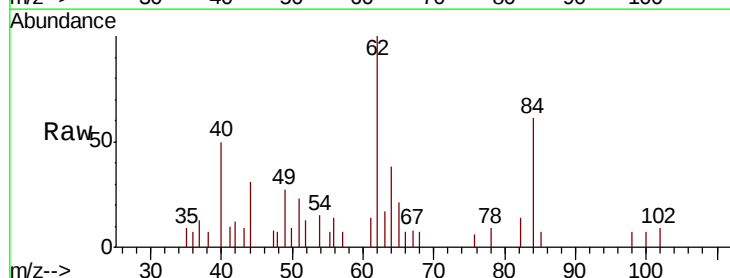
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



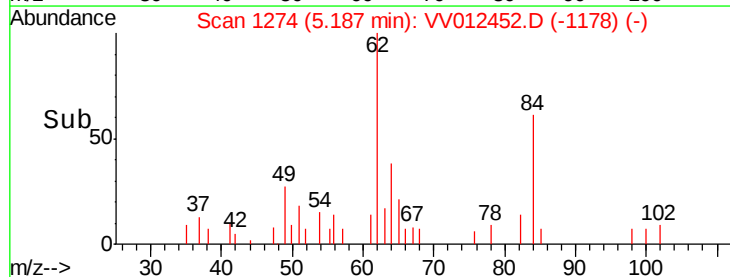
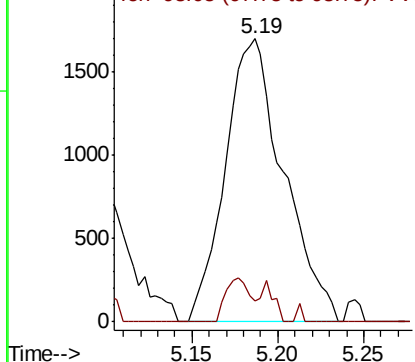
#27

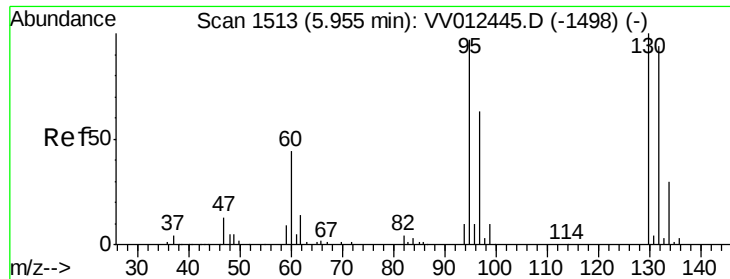
1,2-Dichloroethane
 Concen: 0.161 ug/L
 RT: 5.19 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: VV012452.D
 Acq: 30 Aug 2019 12:52

Tgt Ion: 62 Resp: 4015
 Ion Ratio Lower Upper
 62 100
 98 7.2 8.3 12.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.05 (97.75 to 98.75): VV0





#34

Trichloroethene

Concen: 0.757 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012452.D

Acq: 30 Aug 2019 12:52

Instrument :

MSVOA_V

ClientSampleId :

GANL2

Tgt Ion: 95 Resp: 17591

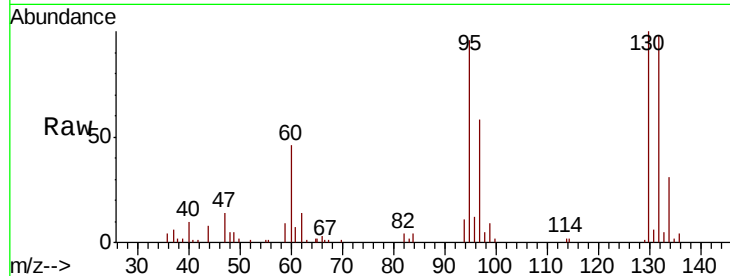
Ion Ratio Lower Upper

95 100

97 59.9 45.8 85.2

132 101.8 68.3 126.9

130 104.1 72.0 133.8

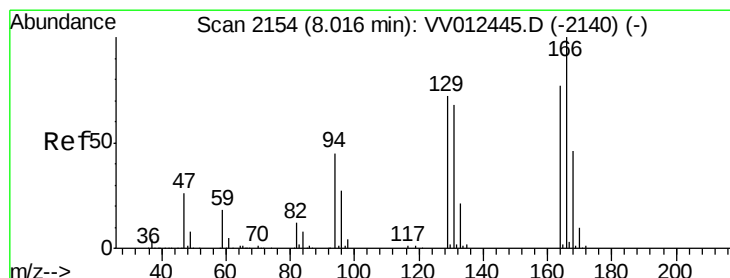
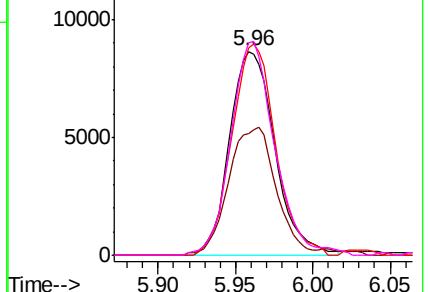
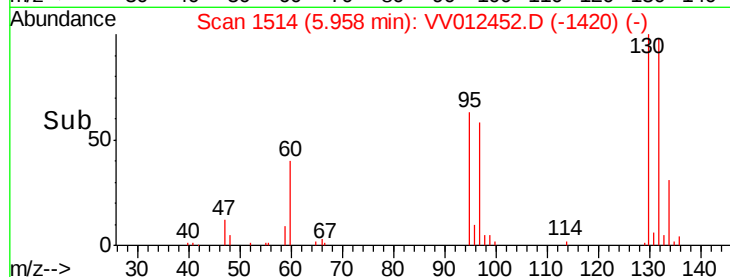


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.312 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012452.D

Acq: 30 Aug 2019 12:52

Tgt Ion: 164 Resp: 5811

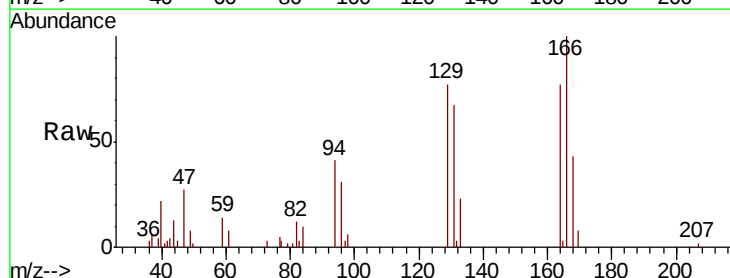
Ion Ratio Lower Upper

164 100

129 99.9 65.6 121.8

131 87.2 63.3 117.5

166 130.4 89.4 166.0



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

