

Data File : VV013851.D
Acq On : 29 Nov 2019 15:44
Operator : SY/MD
Sample : K6061-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XP9

Quant Time: Nov 29 22:38:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	665623	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	630709	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	282494	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	199038	51.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.14%
7) Chloroethane-d5	1.58	69	178279	56.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.38%
11) 1,1-Dichloroethene-d2	2.13	63	280948	41.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.42%
21) 2-Butanone-d5	3.92	46	285654	99.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.12%
24) Chloroform-d	4.40	84	412395	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	5.08	65	262985	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
32) Benzene-d6	5.10	84	834583	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
36) 1,2-Dichloropropane-d6	6.11	67	257357	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.32%
41) Toluene-d8	7.36	98	735685	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%
43) trans-1,3-Dichloropropene-	7.66	79	115861	46.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.40%
47) 2-Hexanone-d5	8.13	63	194821	98.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	346797	50.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.16%
64) 1,2-Dichlorobenzene-d4	11.67	152	304892	54.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.28%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.77	101	109200	16.730 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2821	0.767 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	2656	0.757 ug/L #	1
13) Acetone	2.19	43	2623	0.975 ug/L	93
34) Trichloroethene	5.96	95	29926	6.288 ug/L	99
46) Tetrachloroethene	8.02	164	241777	59.529 ug/L	97

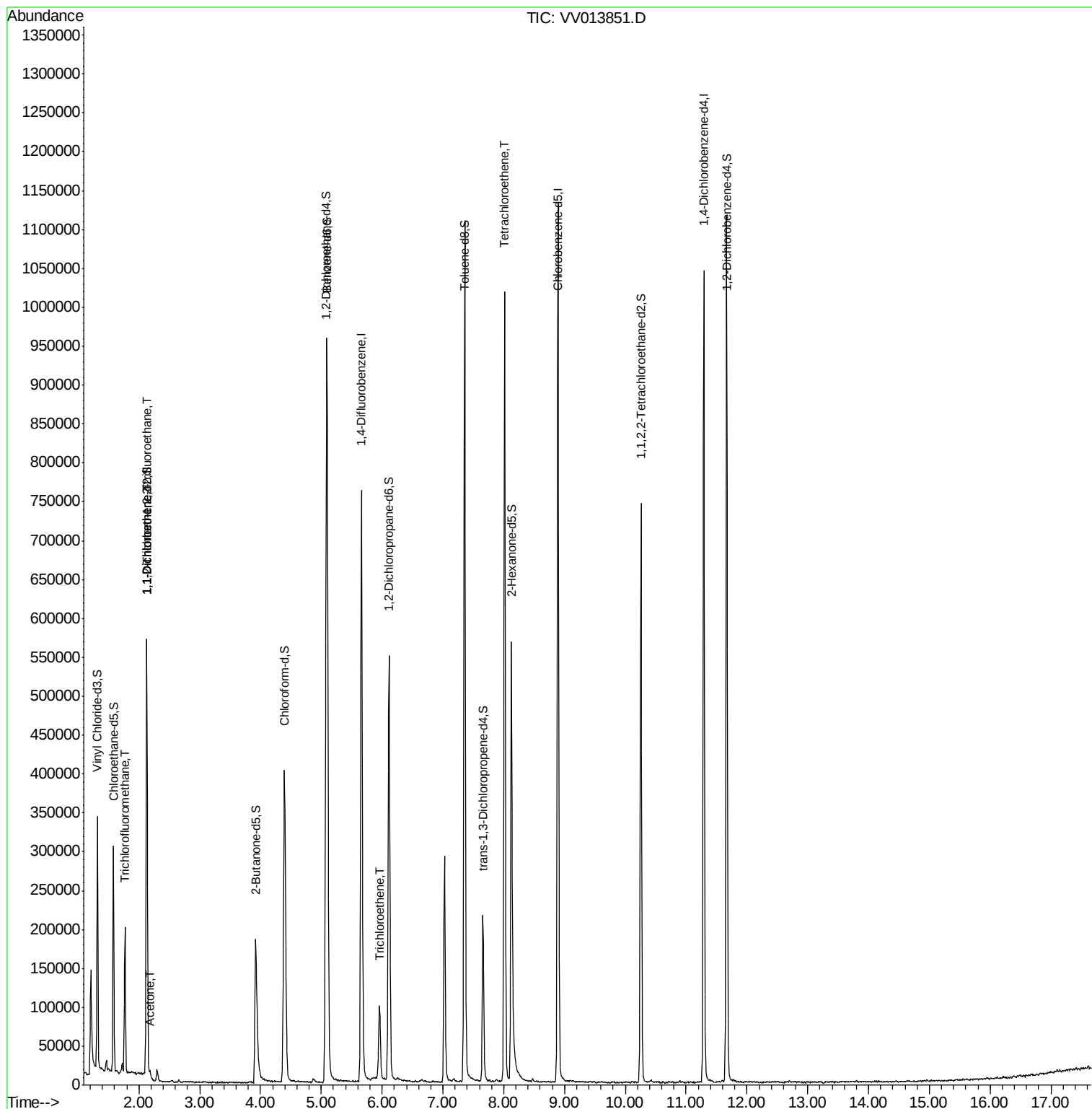
(#) = qualifier out of range (m) = manual integration (+) = signals summed

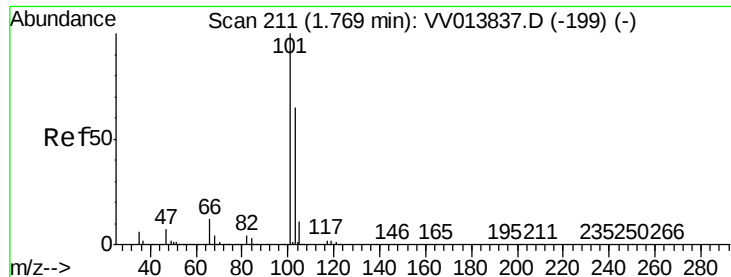
Data File : VV013851.D

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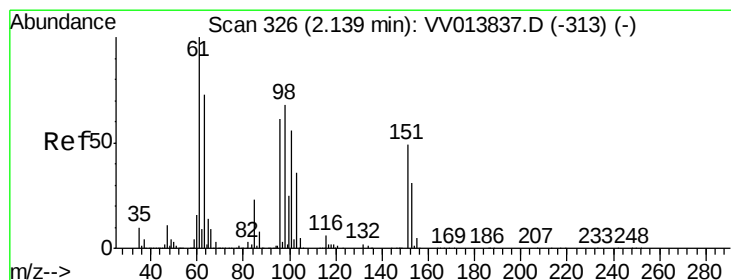
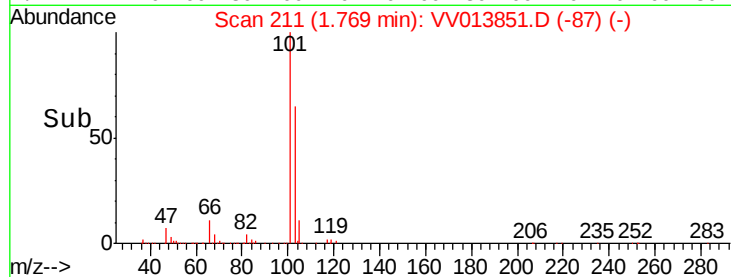
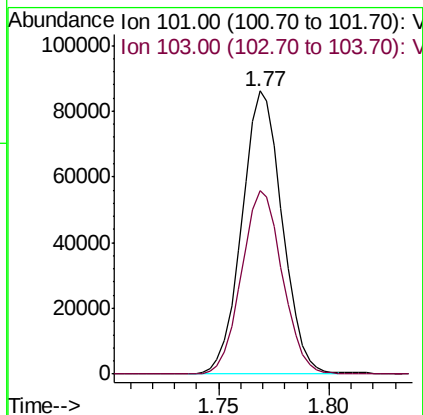
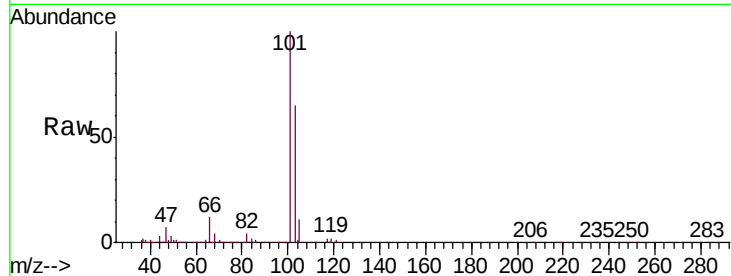


#9

Trichlorofluoromethane
Concen: 16.730 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV013851.D
Acq: 29 Nov 2019 15:44

Instrument :
MSVOA_V
ClientSampleId :
C0XP9

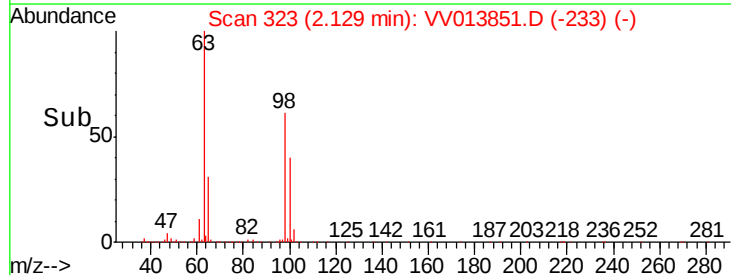
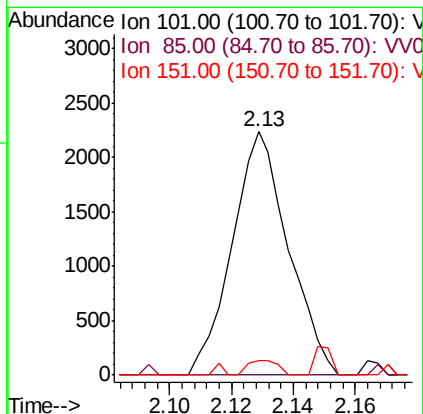
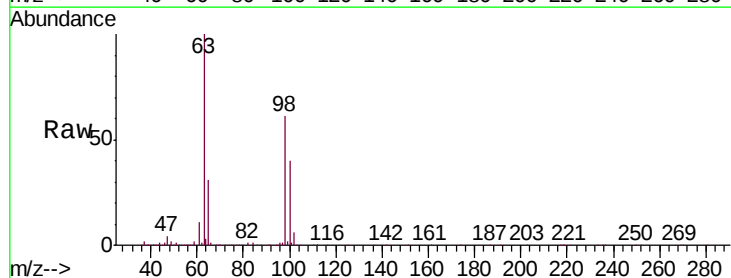
Tgt Ion:101 Resp: 109200
Ion Ratio Lower Upper
101 100
103 65.6 52.5 78.7

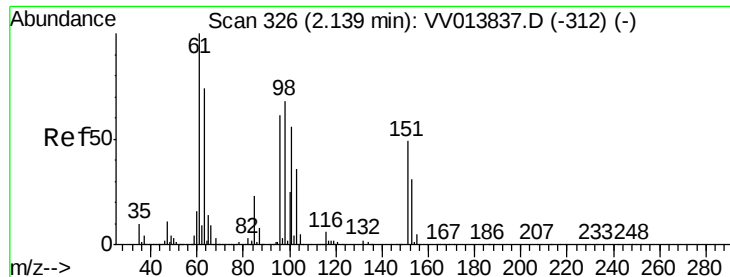


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.767 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013851.D
Acq: 29 Nov 2019 15:44

Tgt Ion:101 Resp: 2821
Ion Ratio Lower Upper
101 100
85 0.0 33.3 49.9#
151 3.2 69.5 104.3#





#12

1,1-Dichloroethene

Concen: 0.757 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013851.D

Acq: 29 Nov 2019 15:44

Instrument :

MSVOA_V

ClientSampled :

C0XP9

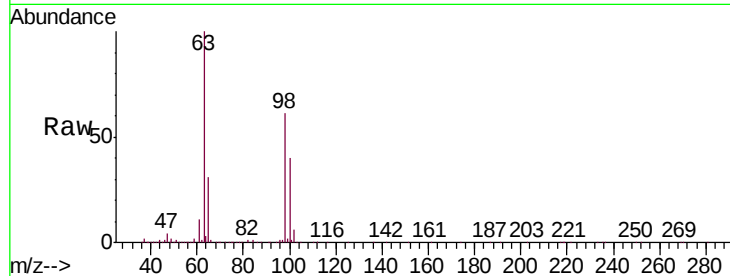
Tgt Ion: 96 Resp: 2656

Ion Ratio Lower Upper

96 100

61 1046.7 116.9 217.1#

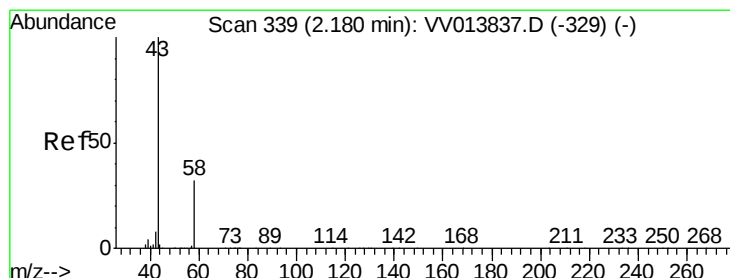
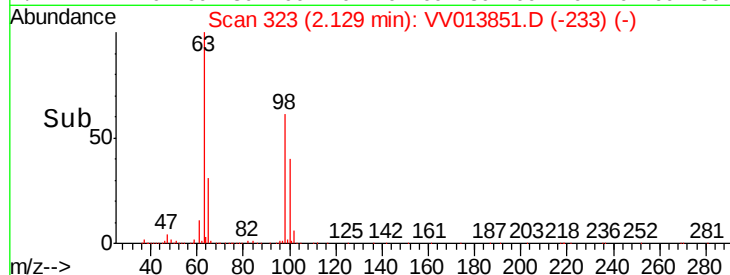
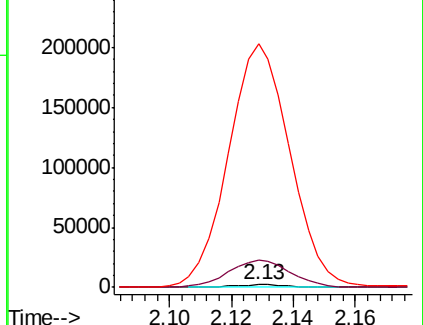
63 9234.7 91.5 169.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 0.975 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV013851.D

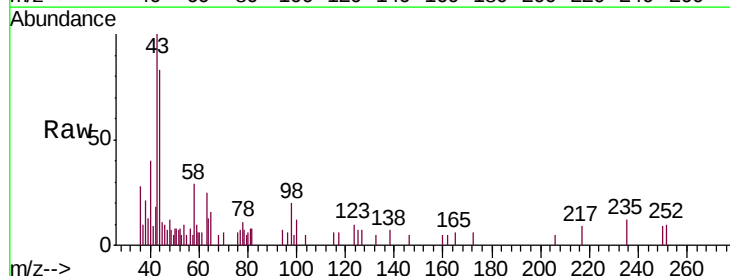
Acq: 29 Nov 2019 15:44

Tgt Ion: 43 Resp: 2623

Ion Ratio Lower Upper

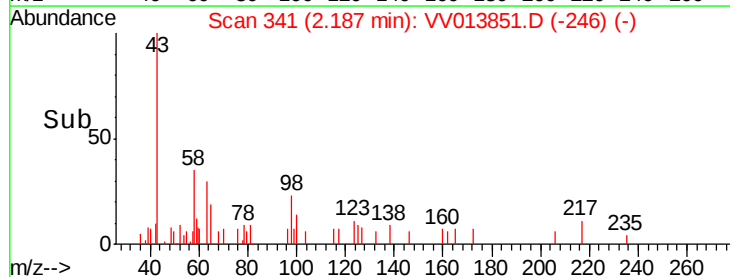
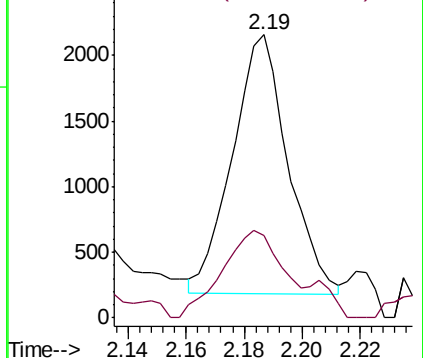
43 100

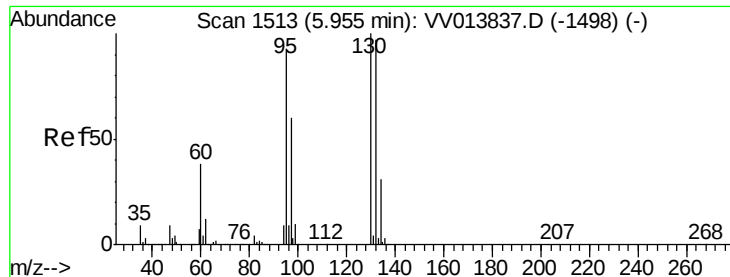
58 36.6 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#34

Trichloroethene

Concen: 6.288 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013851.D

Acq: 29 Nov 2019 15:44

Instrument :

MSVOA_V

ClientSampled :

C0XP9

Tgt Ion: 95 Resp: 29926

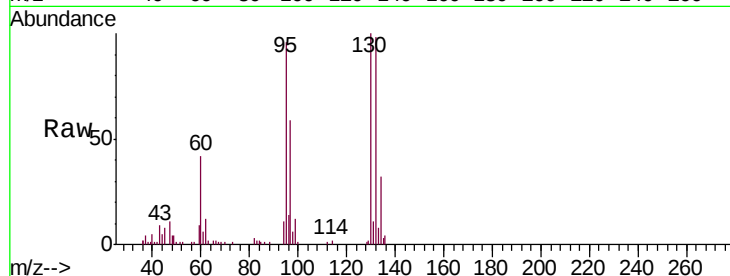
Ion Ratio Lower Upper

95 100

97 62.0 45.1 83.7

132 102.9 71.7 133.1

130 104.7 73.8 137.2

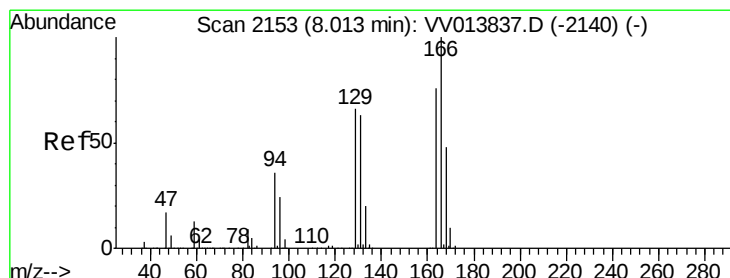
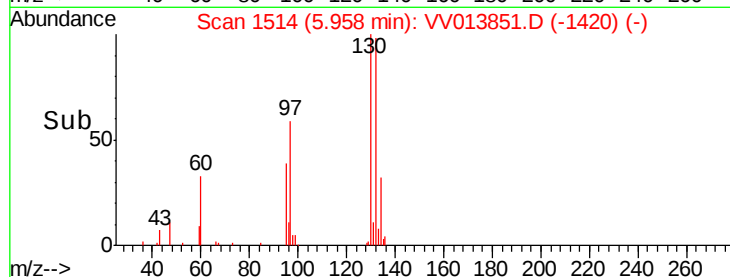
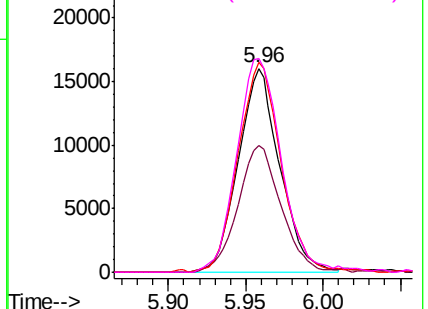


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#46

Tetrachloroethene

Concen: 59.529 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013851.D

Acq: 29 Nov 2019 15:44

Tgt Ion: 164 Resp: 241777

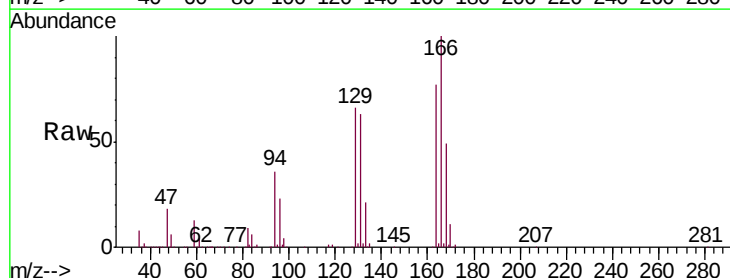
Ion Ratio Lower Upper

164 100

129 85.4 61.5 114.3

131 81.5 60.6 112.6

166 130.0 90.2 167.6



Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

