

Data File : VV013852.D
Acq On : 29 Nov 2019 16:08
Operator : SY/MD
Sample : K6061-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XQ3

Quant Time: Nov 29 22:38:21 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	650556	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	618135	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	278511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	197815	51.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.86%
7) Chloroethane-d5	1.58	69	180900	58.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.66%
11) 1,1-Dichloroethene-d2	2.13	63	286110	42.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.88%
21) 2-Butanone-d5	3.92	46	279892	99.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.37%
24) Chloroform-d	4.40	84	417434	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.96%
26) 1,2-Dichloroethane-d4	5.08	65	266258	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.10	84	836583	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
36) 1,2-Dichloropropane-d6	6.11	67	257826	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.42%
41) Toluene-d8	7.36	98	737305	48.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.66	79	113326	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.22%
47) 2-Hexanone-d5	8.13	63	191643	98.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.78%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	329124	48.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.96%
64) 1,2-Dichlorobenzene-d4	11.67	152	307188	55.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.66%

Target Compounds

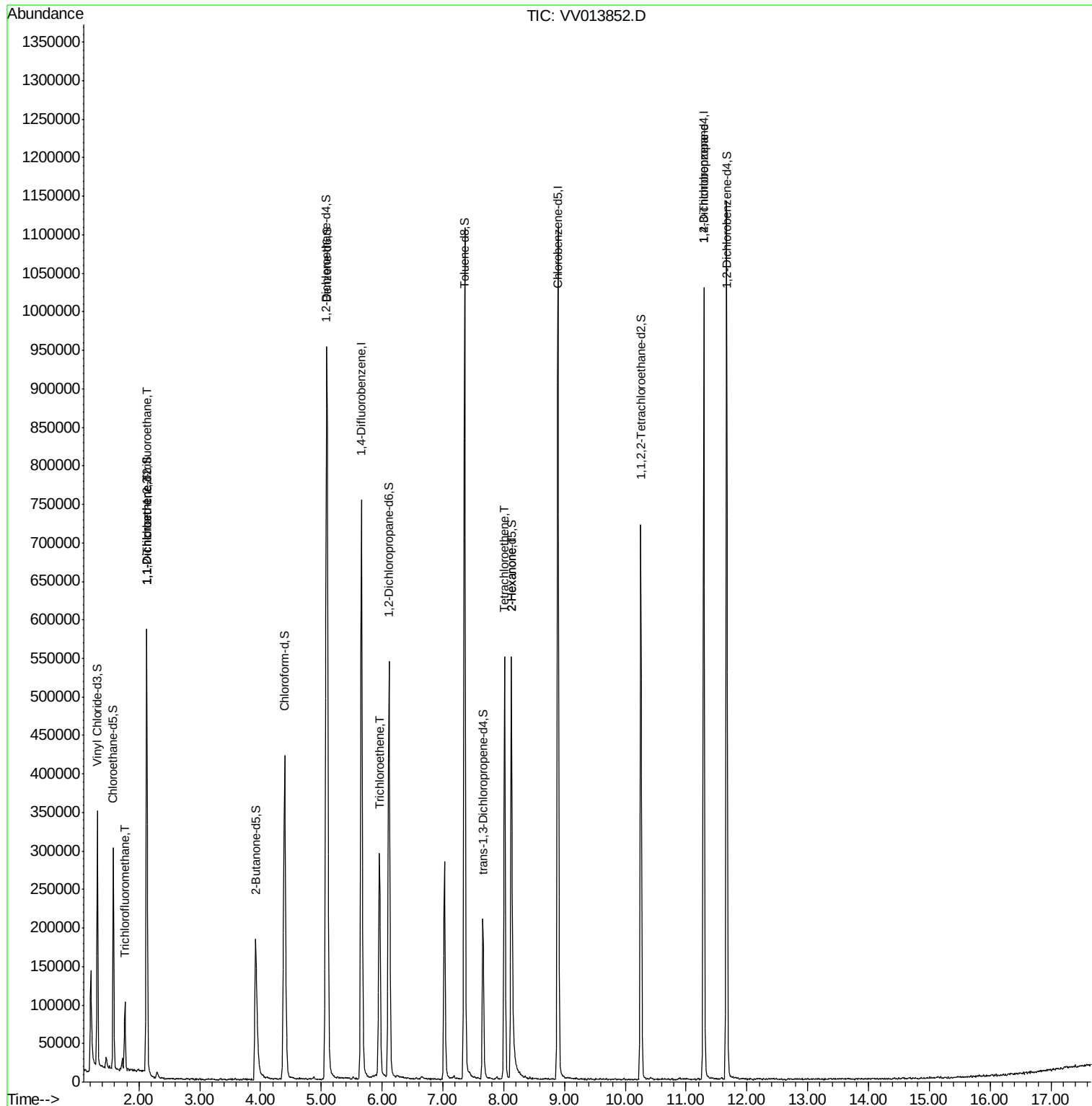
					Qvalue
9) Trichlorofluoromethane	1.77	101	49154	7.705 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2812	0.783 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	2852	0.832 ug/L #	1
34) Trichloroethene	5.96	95	96198	20.625 ug/L	97
46) Tetrachloroethene	8.02	164	133798	33.613 ug/L	98
48) 2-Hexanone	8.13	43	22041	4.687 ug/L #	40
59) 1,2,3-Trichloropropane	11.29	75	27295	5.018 ug/L	90

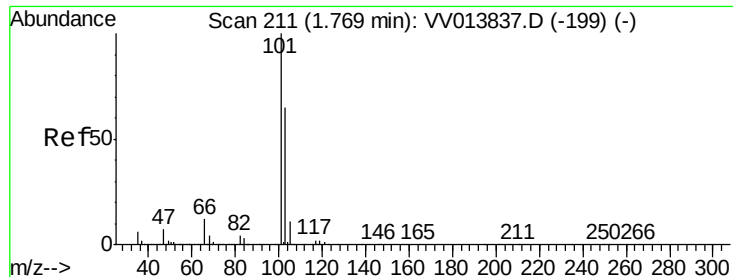
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 7.705 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

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Acq: 29 Nov 2019 16:08

Instrument :

MSVOA_V

ClientSampleId :

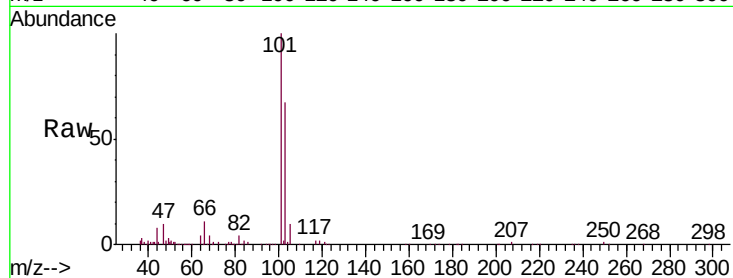
C0XQ3

Tgt Ion:101 Resp: 49154

Ion Ratio Lower Upper

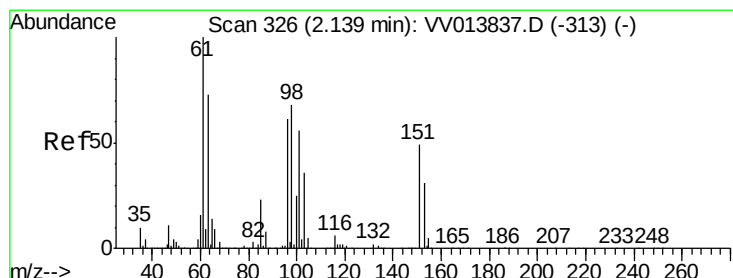
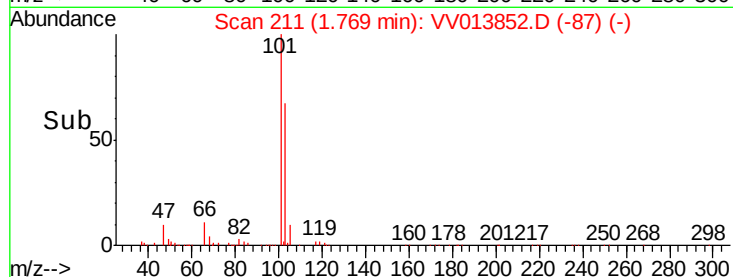
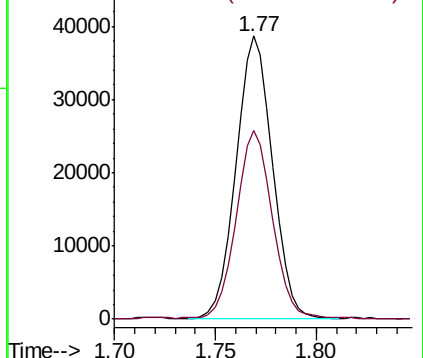
101 100

103 66.6 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.783 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013852.D

Acq: 29 Nov 2019 16:08

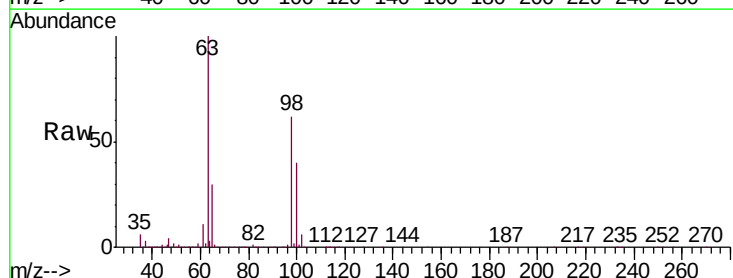
Tgt Ion:101 Resp: 2812

Ion Ratio Lower Upper

101 100

85 1.6 33.3 49.9#

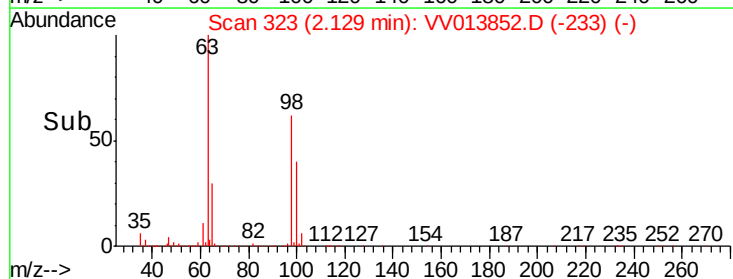
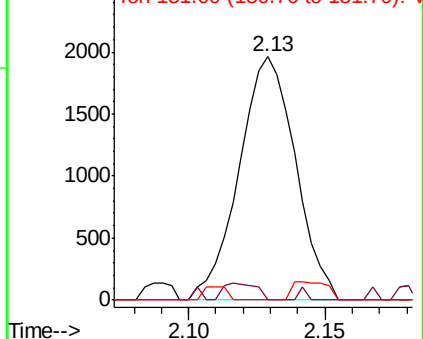
151 4.7 69.5 104.3#

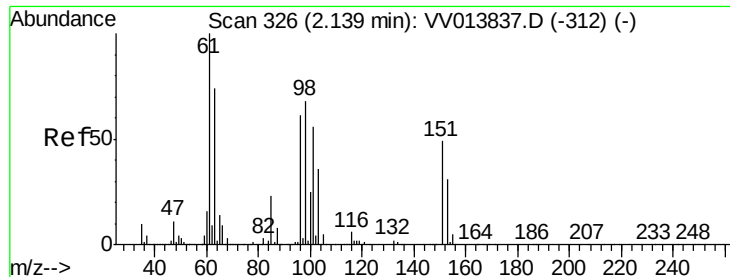


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.832 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013852.D

Acq: 29 Nov 2019 16:08

Instrument :

MSVOA_V

ClientSampled :

C0XQ3

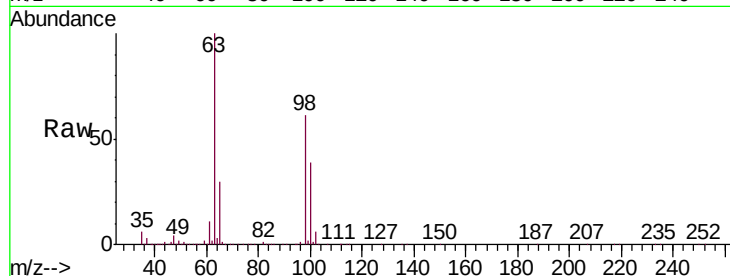
Tgt Ion: 96 Resp: 2852

Ion Ratio Lower Upper

96 100

61 1128.3 116.9 217.1#

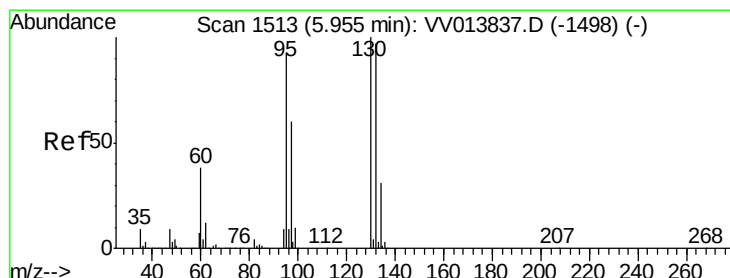
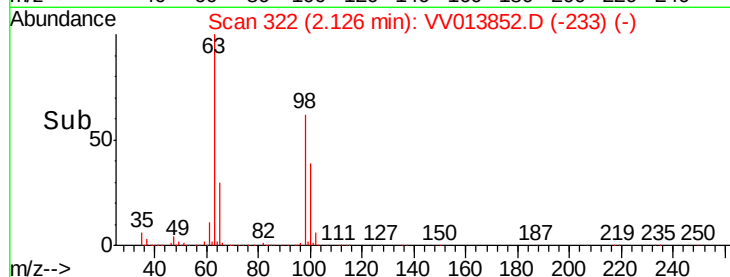
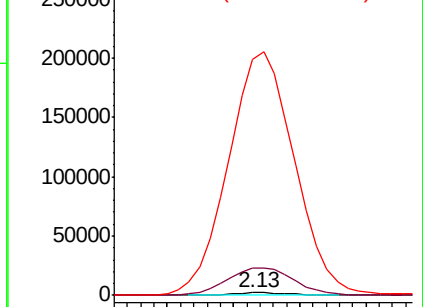
63 9886.9 91.5 169.9#



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



#34

Trichloroethene

Concen: 20.625 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013852.D

Acq: 29 Nov 2019 16:08

Tgt Ion: 95 Resp: 96198

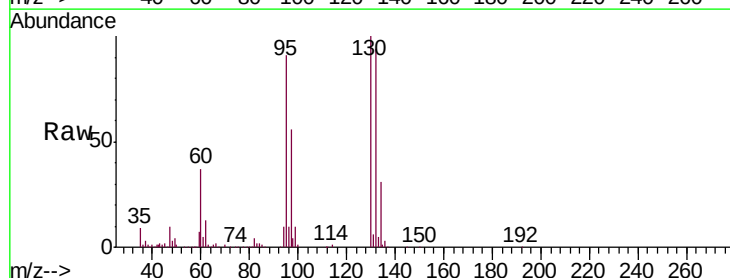
Ion Ratio Lower Upper

95 100

97 61.7 45.1 83.7

132 103.0 71.7 133.1

130 109.6 73.8 137.2

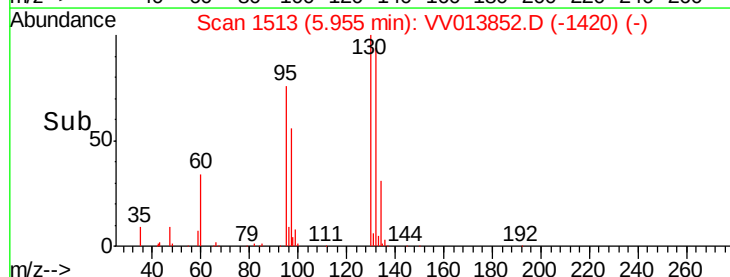
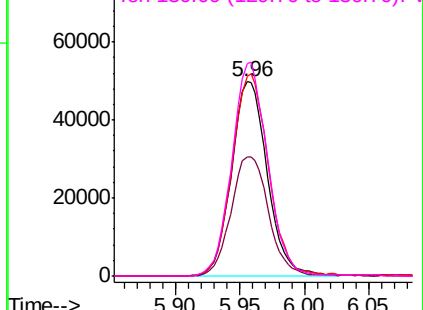


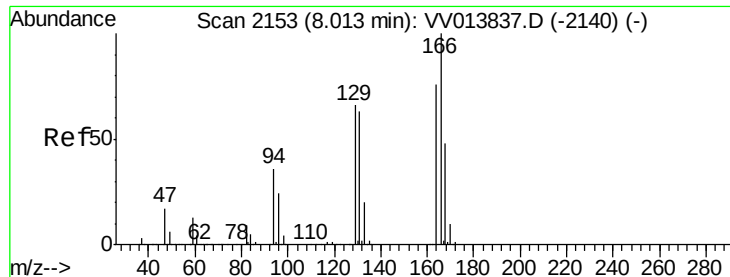
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 33.613 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013852.D

Acq: 29 Nov 2019 16:08

Instrument :

MSVOA_V

ClientSampleId :

C0XQ3

Tgt Ion:164 Resp: 133798

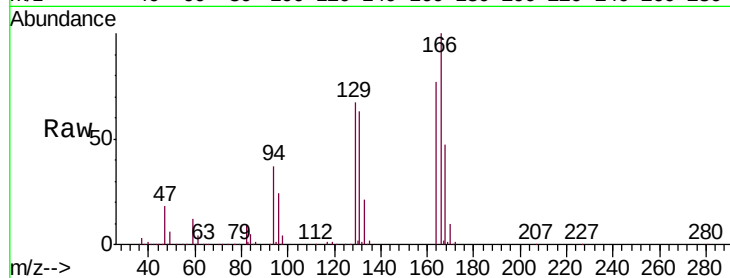
Ion Ratio Lower Upper

164 100

129 88.2 61.5 114.3

131 82.5 60.6 112.6

166 130.7 90.2 167.6

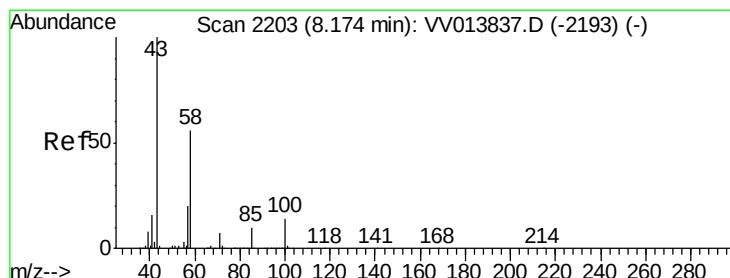
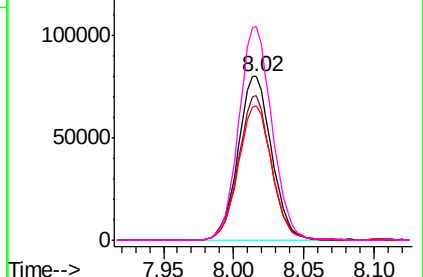
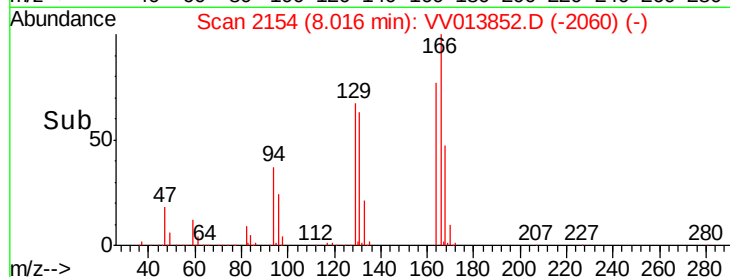


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.687 ug/L

RT: 8.13 min Scan# 2188

Delta R.T. -0.05 min

Lab File: VV013852.D

Acq: 29 Nov 2019 16:08

Tgt Ion: 43 Resp: 22041

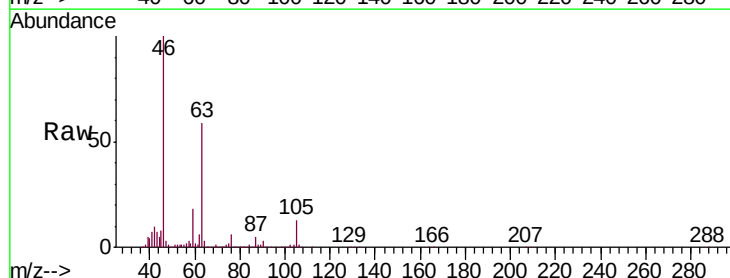
Ion Ratio Lower Upper

43 100

58 0.0 43.4 65.0#

57 35.1 15.2 22.8#

100 1.0 9.9 14.9#

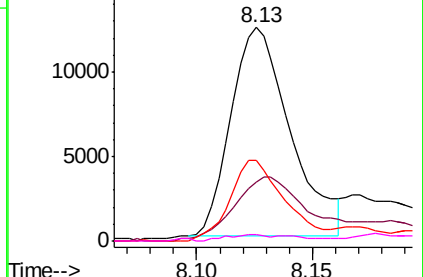
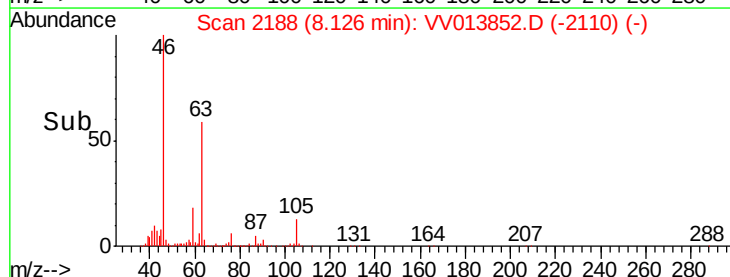


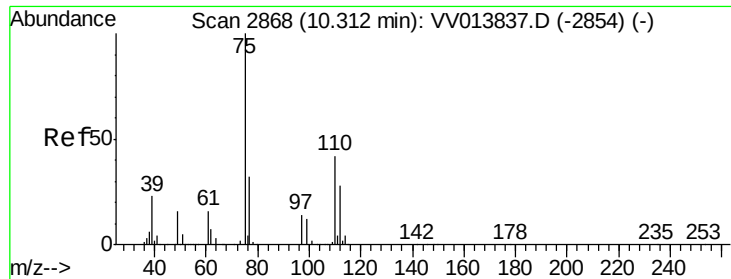
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.018 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV013852.D

Acq: 29 Nov 2019 16:08

Instrument :

MSVOA_V

ClientSampleId :

C0XQ3

Tgt Ion: 75 Resp: 27295

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2

