

Data File : VV012561.D
Acq On : 04 Sep 2019 12:13
Operator : SY/MD
Sample : K4605-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 05 01:29:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	124852	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44146	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59024	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	60533	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.13	63	107005	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.97	46	126911	54.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.84%
24) Chloroform-d	4.40	84	96162	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.08	65	53527	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.10	84	174996	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.12	67	57974	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	137483	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.67	79	17747	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.14	63	68150	44.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39748	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	43812	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

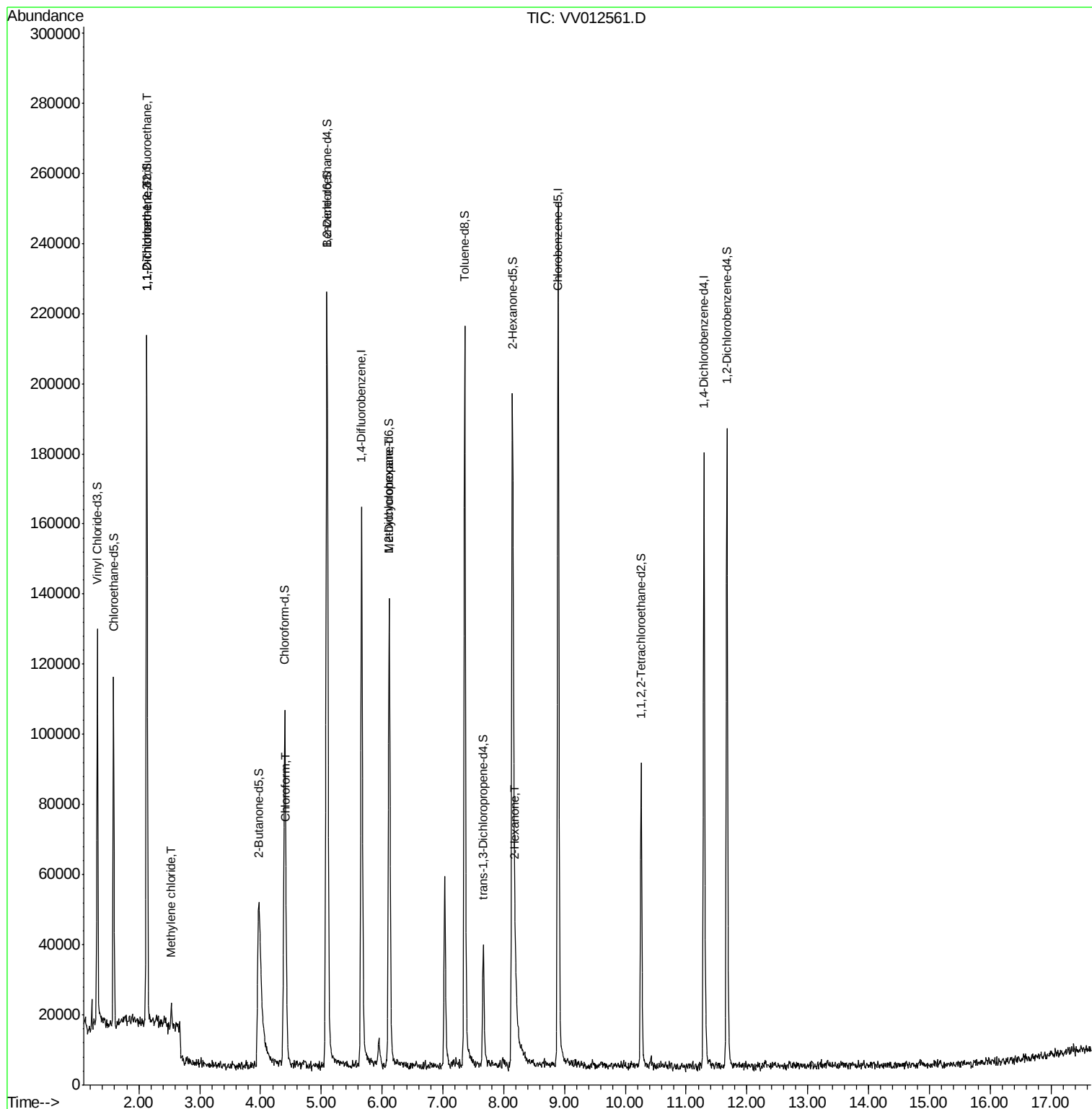
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1328	0.076 ug/L #	31
12) 1,1-Dichloroethene	2.14	96	1192	0.074 ug/L #	1
16) Methylene chloride	2.53	84	2217	0.119 ug/L	90
25) Chloroform	4.43	83	4993	0.192 ug/L	98
35) Methylcyclohexane	6.12	83	14380	0.658 ug/L #	17
48) 2-Hexanone	8.19	43	10130	1.791 ug/L #	66

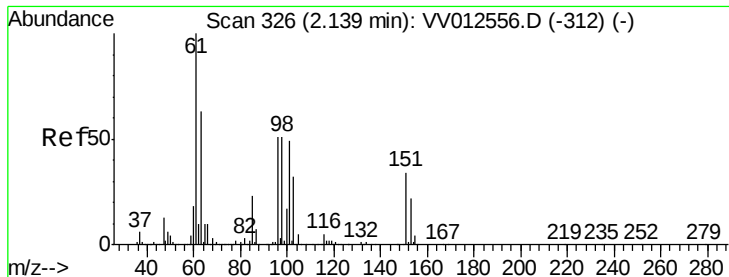
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.076 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012561.D

Acq: 04 Sep 2019 12:13

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

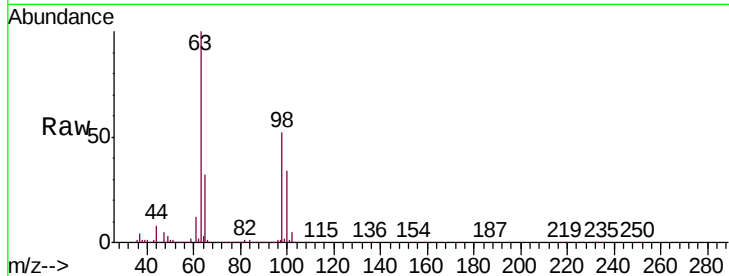
Tgt Ion: 101 Resp: 1328

Ion Ratio Lower Upper

101 100

85 11.3 37.4 56.0#

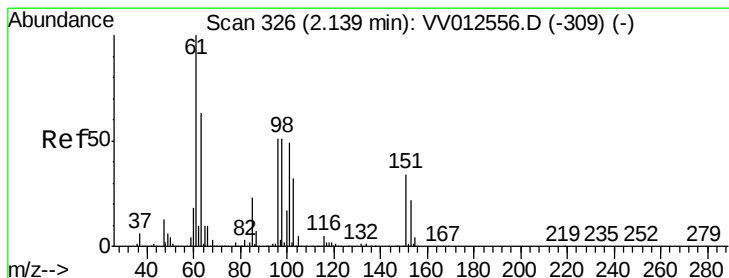
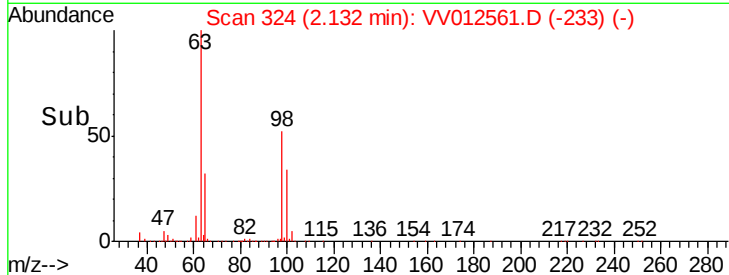
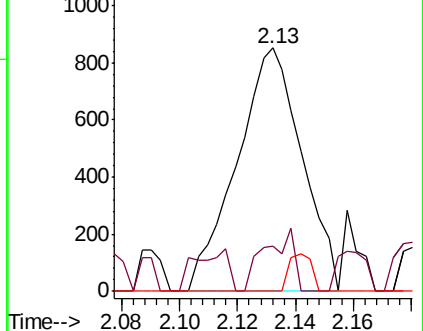
151 5.3 56.7 85.1#



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: 0.074 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012561.D

Acq: 04 Sep 2019 12:13

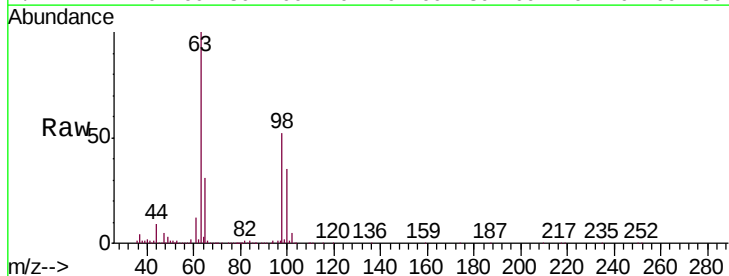
Tgt Ion: 96 Resp: 1192

Ion Ratio Lower Upper

96 100

61 1190.7 133.7 248.3#

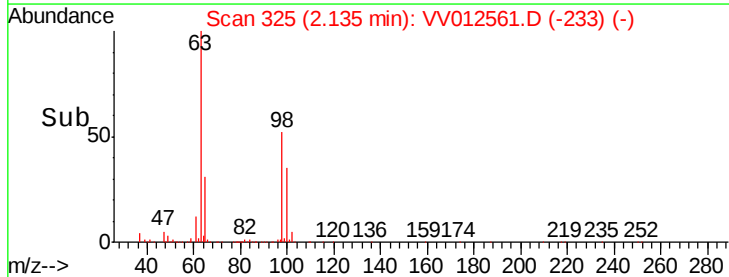
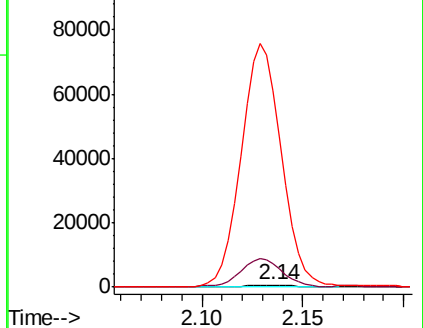
63 9993.5 83.2 154.6#

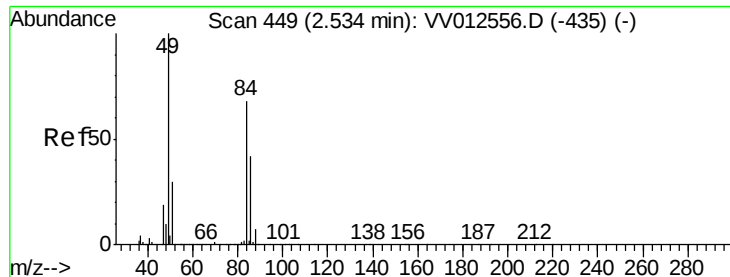


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

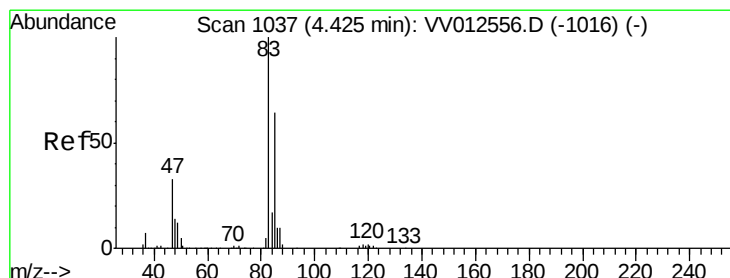
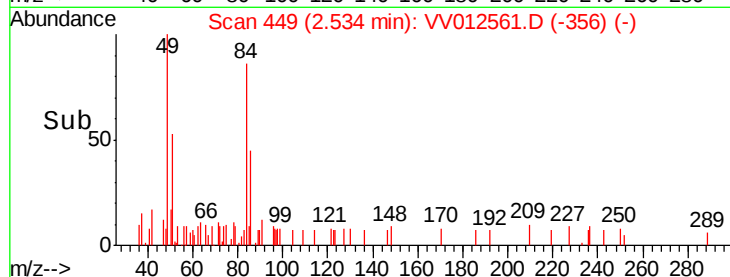
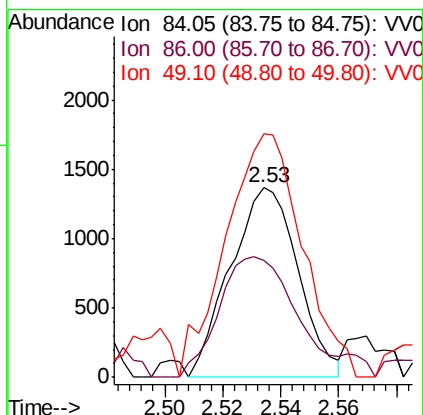
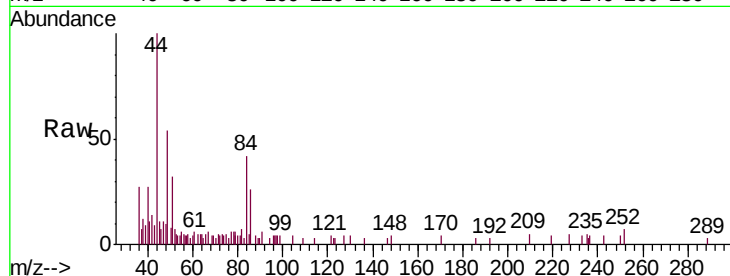




#16
Methylene chloride
Concen: 0.119 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV012561.D
Acq: 04 Sep 2019 12:13

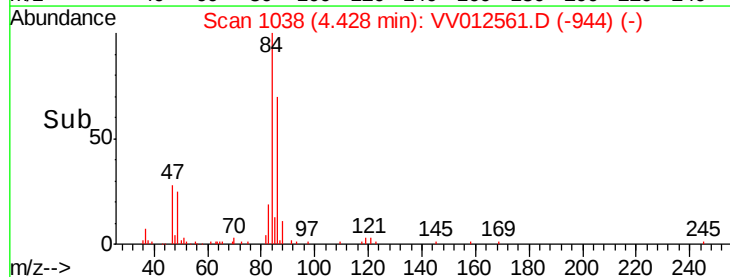
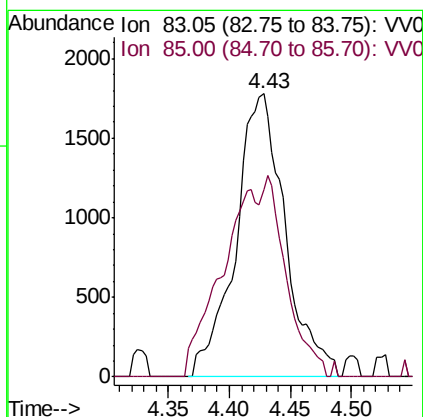
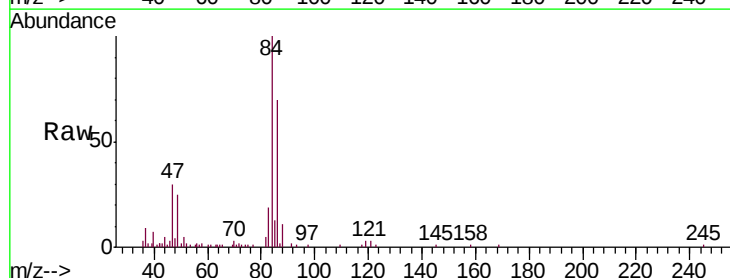
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

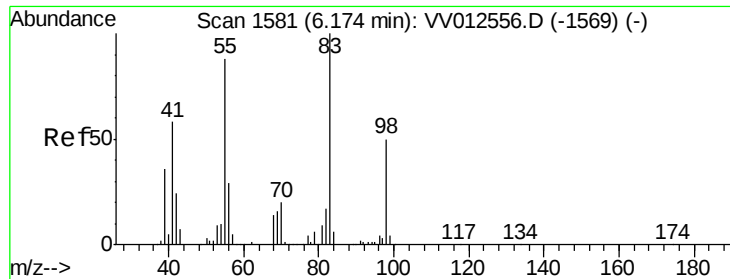
Tgt Ion: 84 Resp: 2217
Ion Ratio Lower Upper
84 100
86 61.5 45.2 84.0
49 128.5 100.4 186.4



#25
Chloroform
Concen: 0.192 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012561.D
Acq: 04 Sep 2019 12:13

Tgt Ion: 83 Resp: 4993
Ion Ratio Lower Upper
83 100
85 66.1 45.1 83.9





#35

Methylcyclohexane

Concen: 0.658 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV012561.D

Acq: 04 Sep 2019 12:13

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

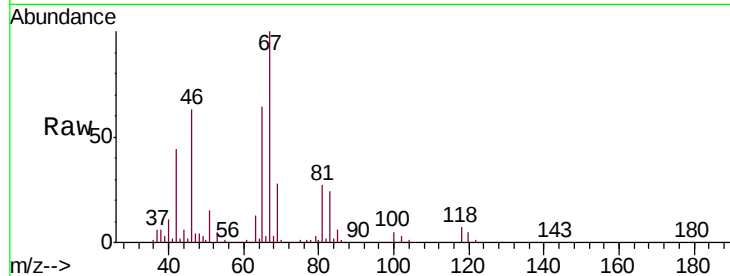
Tgt Ion: 83 Resp: 14380

Ion Ratio Lower Upper

83 100

55 1.5 67.3 100.9#

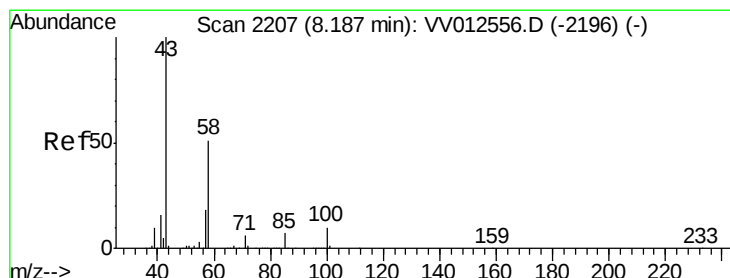
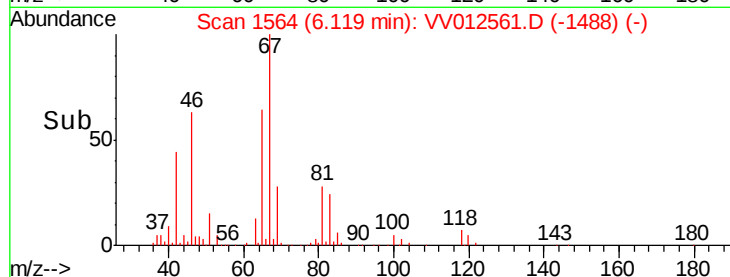
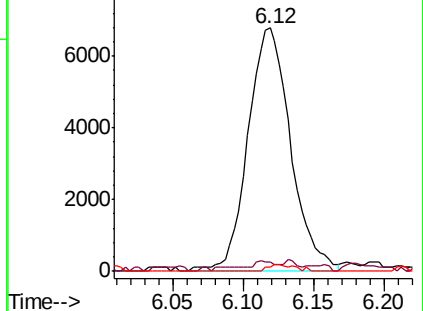
98 1.7 37.4 56.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#48

2-Hexanone

Concen: 1.791 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV012561.D

Acq: 04 Sep 2019 12:13

Tgt Ion: 43 Resp: 10130

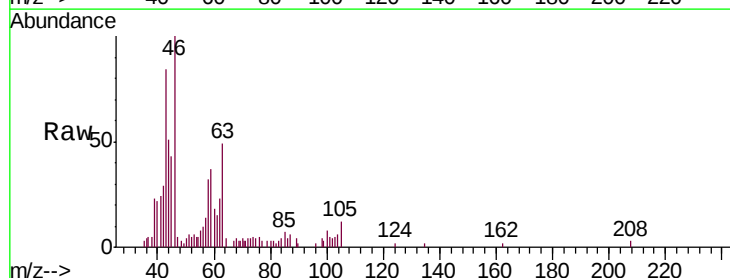
Ion Ratio Lower Upper

43 100

58 23.4 40.0 60.0#

57 0.0 13.4 20.2#

100 8.8 8.2 12.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

