

Data File : VV013567.D
Acq On : 09 Nov 2019 03:21
Operator : SY/MD
Sample : K5747-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J12

Quant Time: Nov 09 04:24:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 09 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	365120	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	372625	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161959	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76965	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	76213	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.13	63	101100	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.92	46	291747	52.88	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.76%
24) Chloroform-d	4.40	84	192281	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.08	65	109967	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	361085	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.11	67	131359	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	276623	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.66	79	42205	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.13	63	167298	42.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89882	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	146515	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

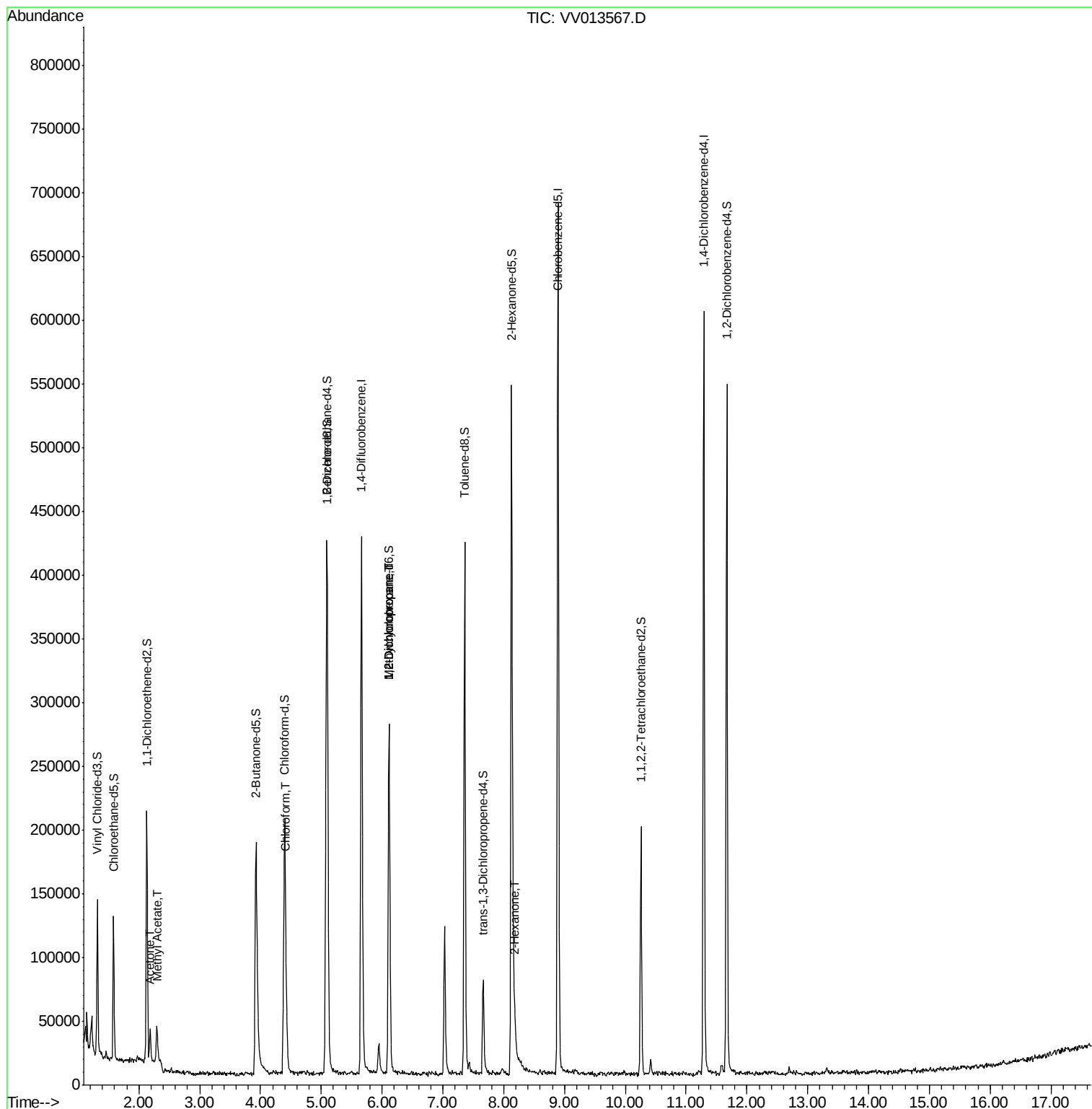
					Qvalue
13) Acetone	2.19	43	23377	6.985 ug/L	93
15) Methyl Acetate	2.30	43	6650	0.665 ug/L #	57
25) Chloroform	4.42	83	23899	0.431 ug/L	96
35) Methylcyclohexane	6.11	83	32440	0.684 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	14901	0.523 ug/L #	86
48) 2-Hexanone	8.19	43	18645	1.608 ug/L #	79

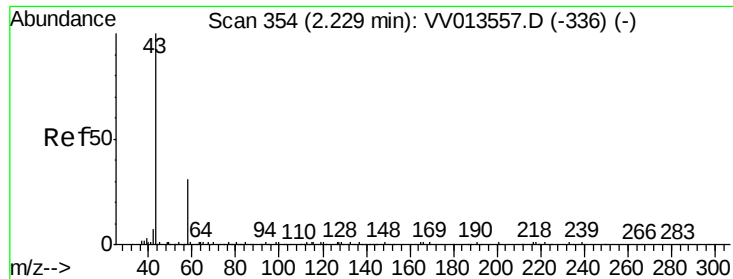
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.985 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

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Acq: 09 Nov 2019 03:21

Instrument :

MSVOA_V

ClientSampleId :

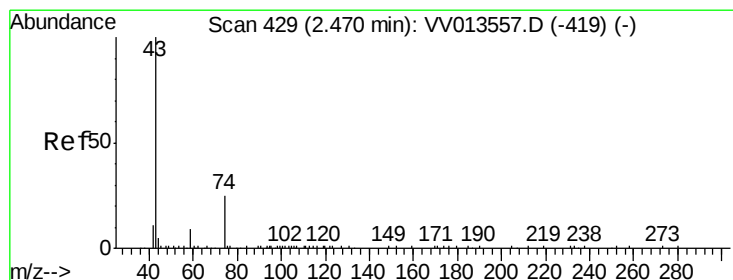
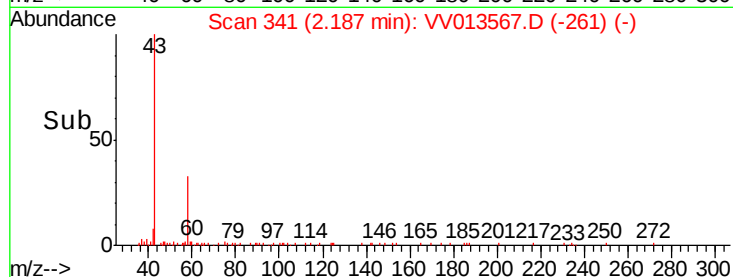
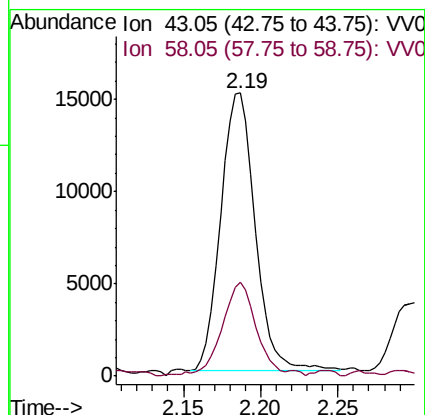
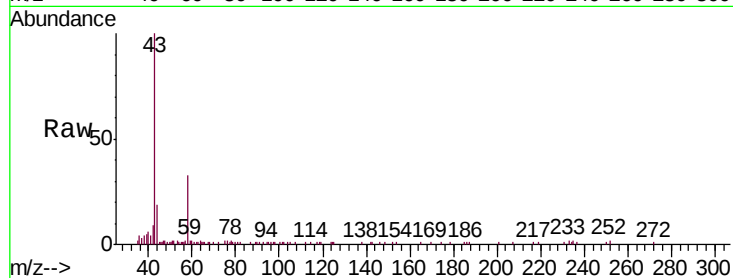
F2J12

Tgt Ion: 43 Resp: 23377

Ion Ratio Lower Upper

43 100

58 34.3 0.0 60.8



#15

Methyl Acetate

Concen: 0.665 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.17 min

Lab File: VV013567.D

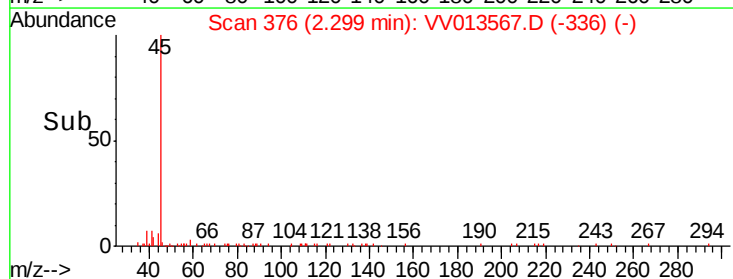
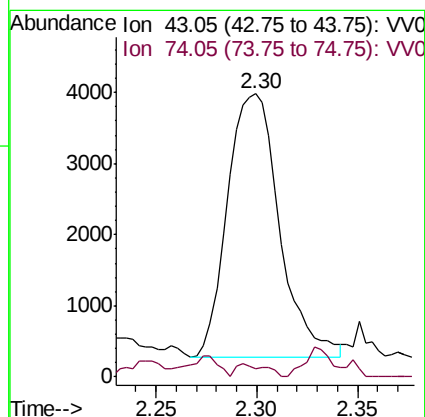
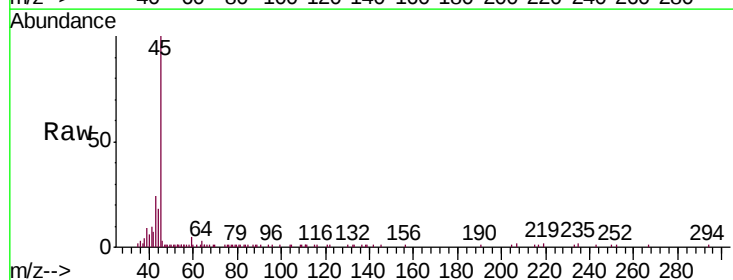
Acq: 09 Nov 2019 03:21

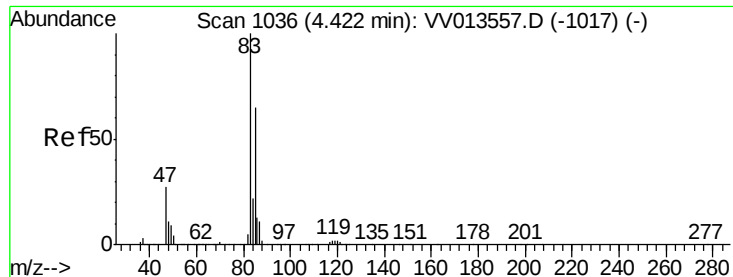
Tgt Ion: 43 Resp: 6650

Ion Ratio Lower Upper

43 100

74 2.9 19.4 29.0#





#25

Chloroform

Concen: 0.431 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV013567.D

Acq: 09 Nov 2019 03:21

Instrument :

MSVOA_V

ClientSampled :

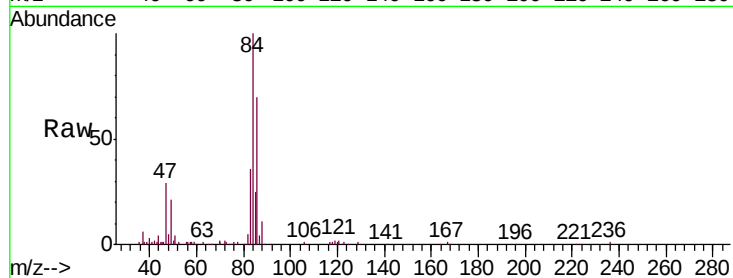
F2J12

Tgt Ion: 83 Resp: 23899

Ion Ratio Lower Upper

83 100

85 69.7 46.3 86.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

10000

8000

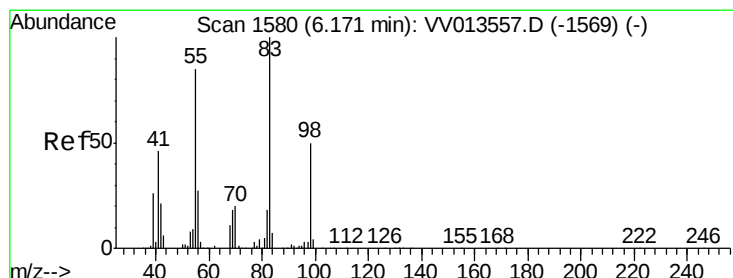
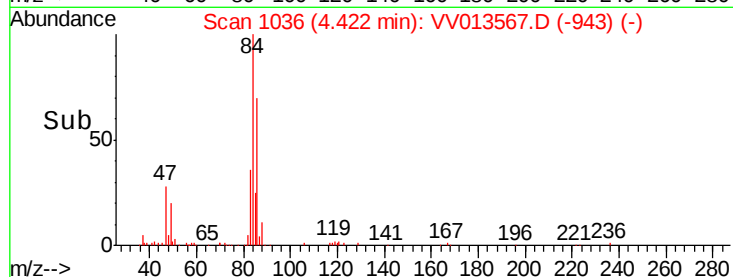
6000

4000

2000

0

Time-->



#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013567.D

Acq: 09 Nov 2019 03:21

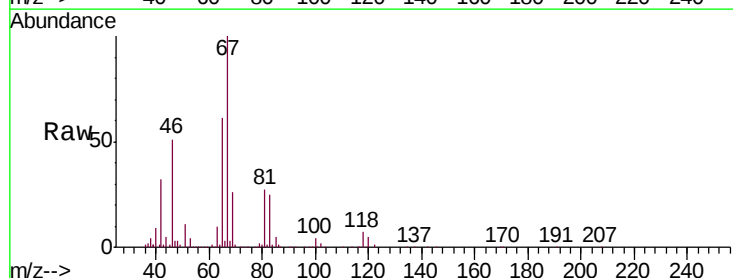
Tgt Ion: 83 Resp: 32440

Ion Ratio Lower Upper

83 100

55 1.5 63.8 95.8#

98 2.4 38.4 57.6#



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

20000

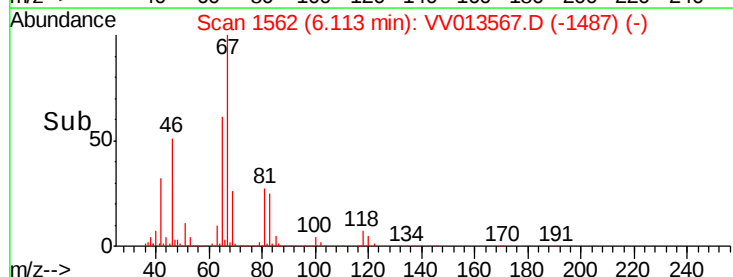
15000

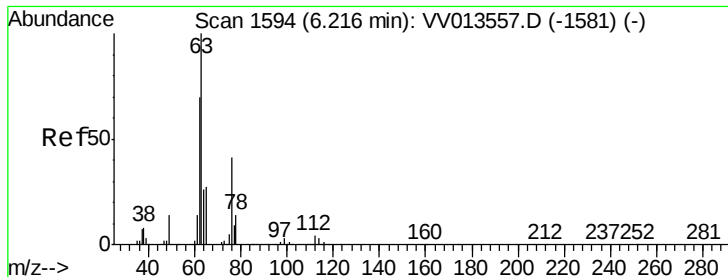
10000

5000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013567.D

Acq: 09 Nov 2019 03:21

Instrument :

MSVOA_V

ClientSampleId :

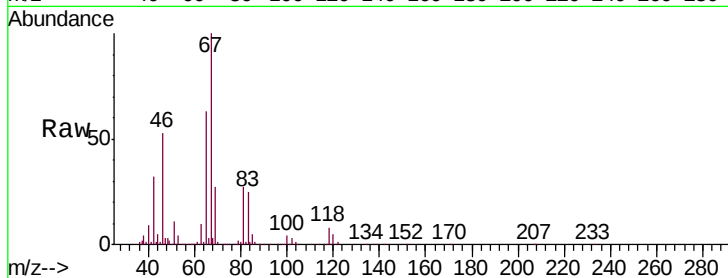
F2J12

Tgt Ion: 63 Resp: 14901

Ion Ratio Lower Upper

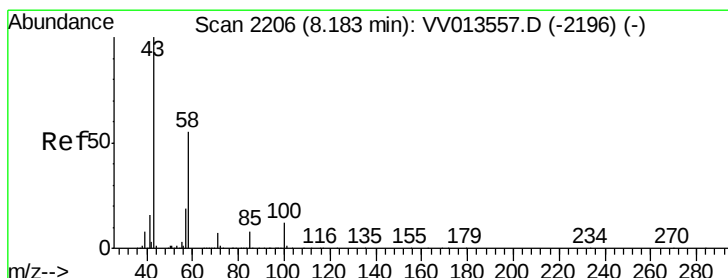
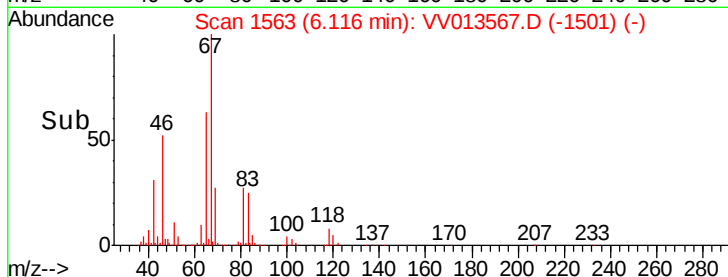
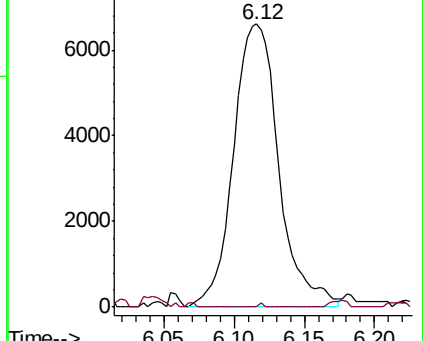
63 100

112 0.1 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV013557.D (-1581) (-)

Ion 112.10 (111.80 to 112.80): VV013557.D (-1581) (-)



#48

2-Hexanone

Concen: 1.608 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV013567.D

Acq: 09 Nov 2019 03:21

Tgt Ion: 43 Resp: 18645

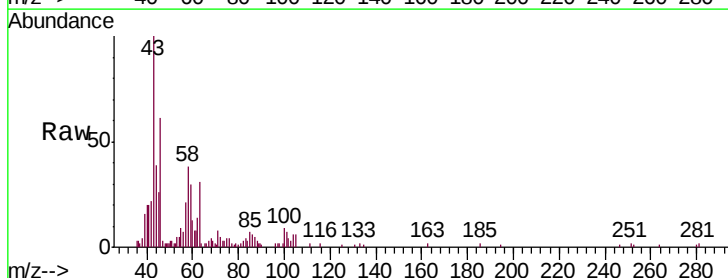
Ion Ratio Lower Upper

43 100

58 34.1 43.8 65.8#

57 17.4 15.0 22.6

100 6.3 9.8 14.6#



Abundance Ion 43.05 (42.75 to 43.75): VV013557.D (-2196) (-)

Ion 58.05 (57.75 to 58.75): VV013557.D (-2196) (-)

Ion 57.20 (56.90 to 57.90): VV013557.D (-2196) (-)

Ion 100.15 (99.85 to 100.85): VV013557.D (-2196) (-)

