

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070318\
 Data File : VV006547.D
 Acq On : 03 Jul 2018 13:00
 Operator : SY/MD
 Sample : J3781-05
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jul 03 22:58:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 03 22:57:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	266536	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	245878	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87875	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.57	69	77781	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.13	63	128091	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	3.95	46	200946	61.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.38%
24) Chloroform-d	4.40	84	153848	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.09	65	77943	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.10	84	345879	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.12	67	104606	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.37	98	305628	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.67	79	32328	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.14	63	145257	52.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	55259	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	111096	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

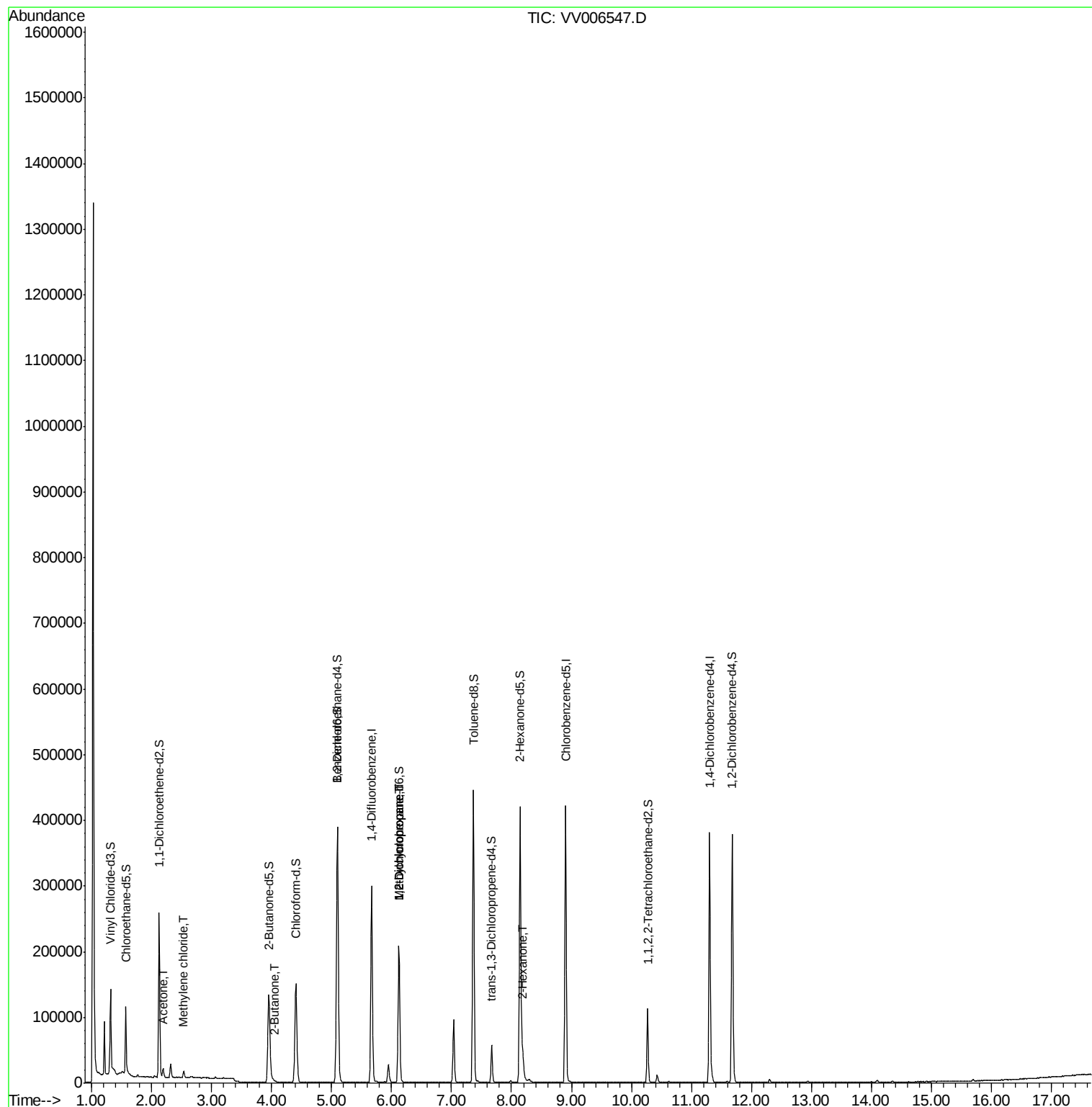
					Qvalue
13) Acetone	2.19	43	9782	4.860 ug/L	99
16) Methylene chloride	2.54	84	4613	0.244 ug/L	97
21) 2-Butanone	4.05	43	1310	0.360 ug/L	91
35) Methylcyclohexane	6.12	83	24452	0.810 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10418	0.587 ug/L #	85
48) 2-Hexanone	8.19	43	23968	3.858 ug/L #	83

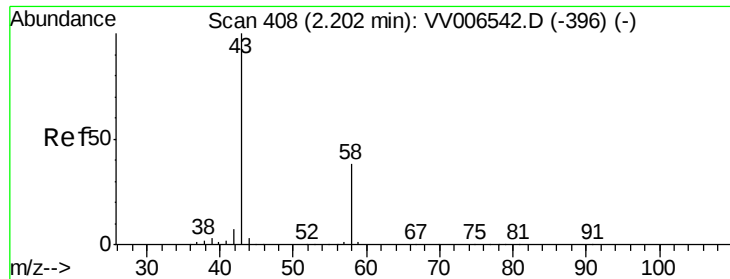
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 03 22:57:49 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.860 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006547.D

Acq: 03 Jul 2018 13:00

Instrument :

MSVOA_V

ClientSampleId :

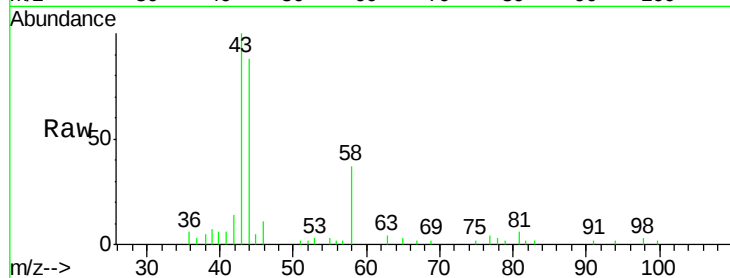
VHBLK01

Tgt Ion: 43 Resp: 9782

Ion Ratio Lower Upper

43 100

58 38.1 0.0 77.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

6000

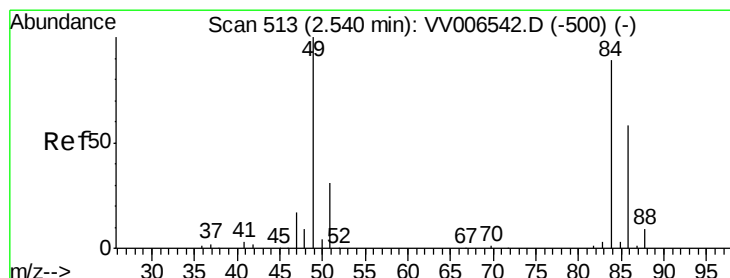
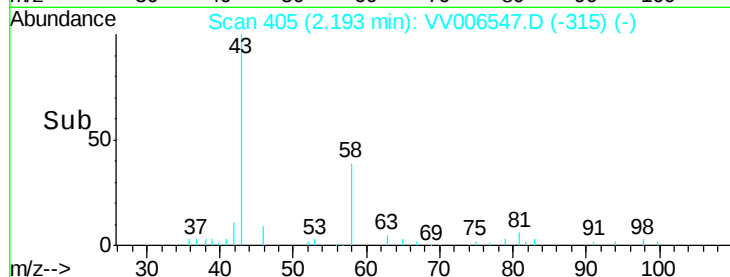
4000

2000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 0.244 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV006547.D

Acq: 03 Jul 2018 13:00

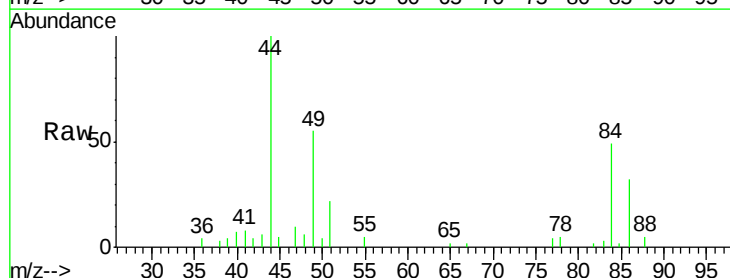
Tgt Ion: 84 Resp: 4613

Ion Ratio Lower Upper

84 100

86 62.6 44.2 82.2

49 107.6 79.0 146.8



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

2.54

4000

3000

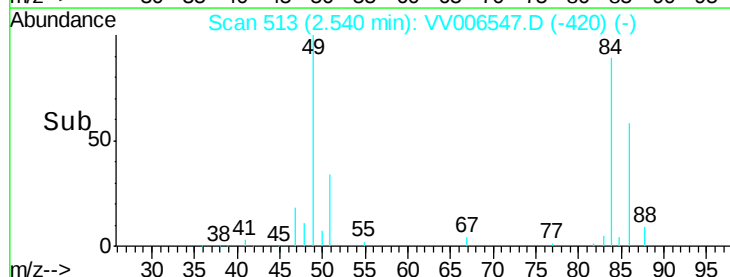
2000

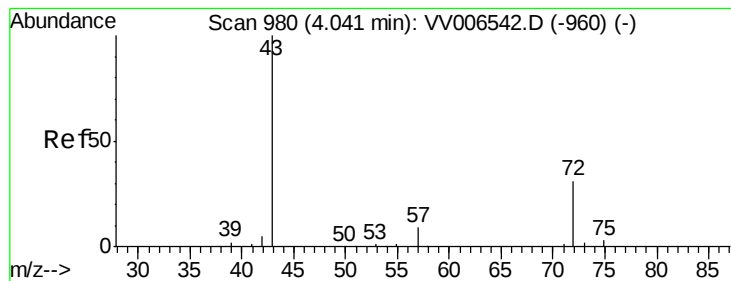
1000

0

Time-->

2.50 2.55 2.60





#21

2-Butanone

Concen: 0.360 ug/L

RT: 4.05 min Scan# 983

Delta R.T. 0.01 min

Lab File: VV006547.D

Acq: 03 Jul 2018 13:00

Instrument :

MSVOA_V

ClientSampleId :

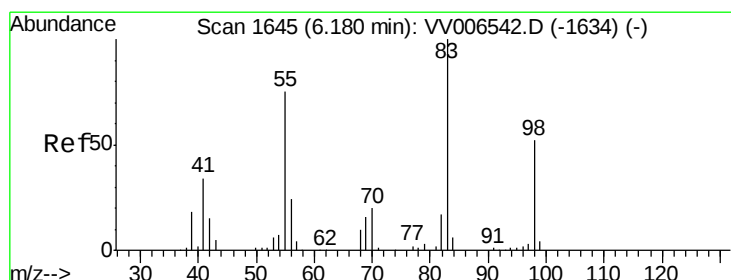
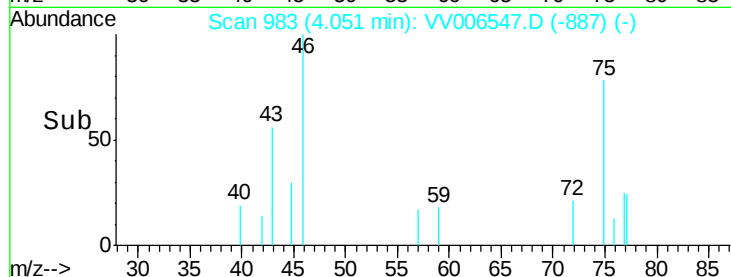
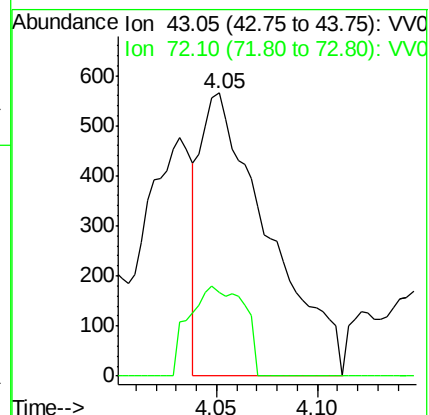
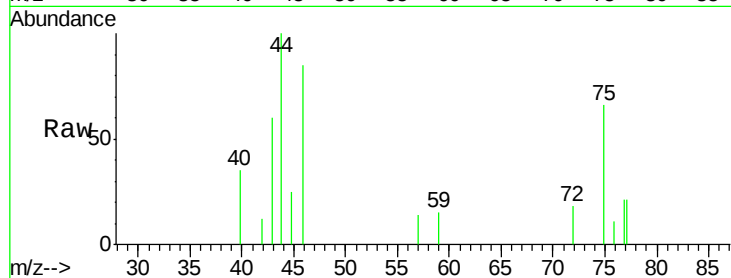
VHBLK01

Tgt Ion: 43 Resp: 1310

Ion Ratio Lower Upper

43 100

72 25.7 15.4 46.1



#35

Methylcyclohexane

Concen: 0.810 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006547.D

Acq: 03 Jul 2018 13:00

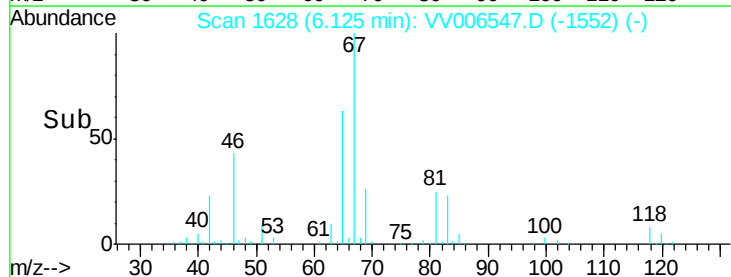
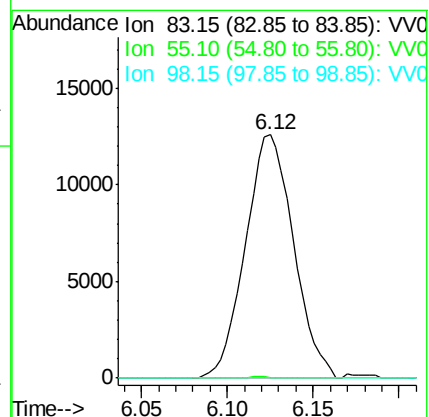
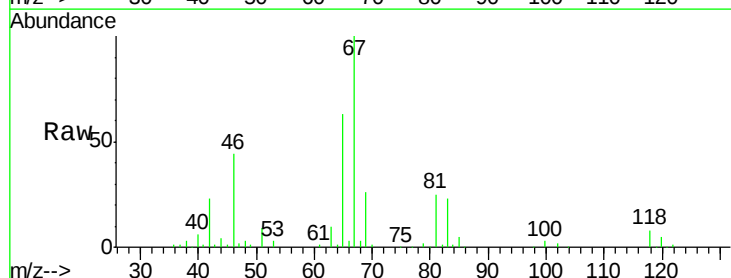
Tgt Ion: 83 Resp: 24452

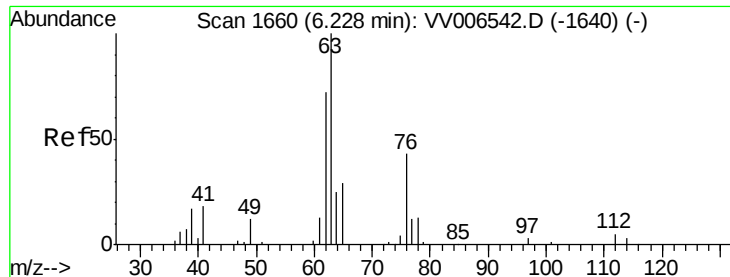
Ion Ratio Lower Upper

83 100

55 0.2 57.5 86.3#

98 0.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006547.D

Acq: 03 Jul 2018 13:00

Instrument :

MSVOA_V

ClientSampleId :

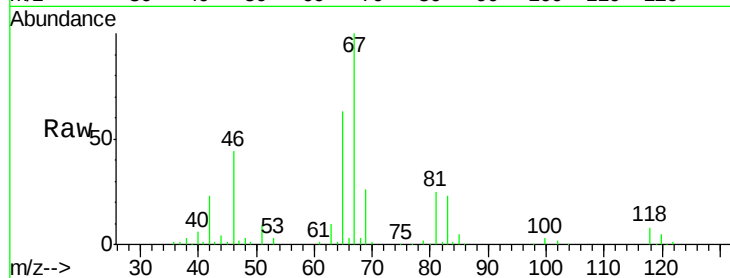
VHBLK01

Tgt Ion: 63 Resp: 10418

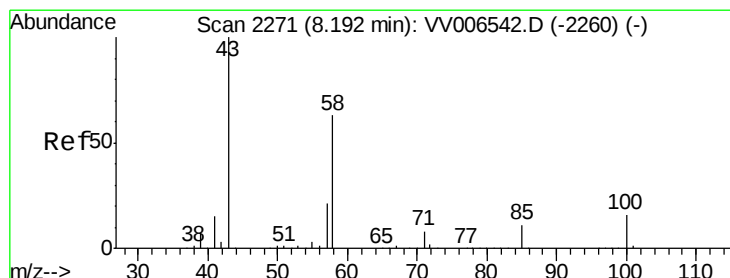
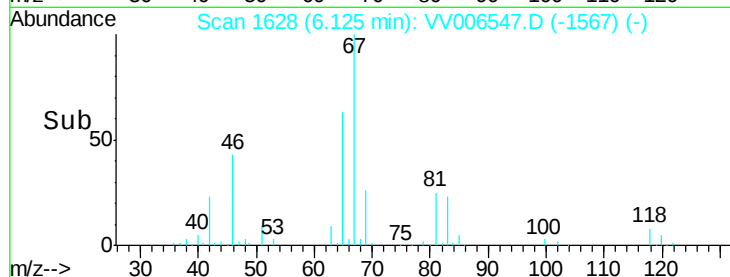
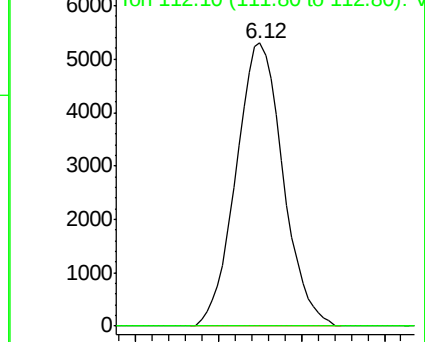
Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



Abundance Ion 63.10 (62.80 to 63.80): VV006547.D (-1567) (-)



#48

2-Hexanone

Concen: 3.858 ug/L

RT: 8.19 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VV006547.D

Acq: 03 Jul 2018 13:00

Tgt Ion: 43 Resp: 23968

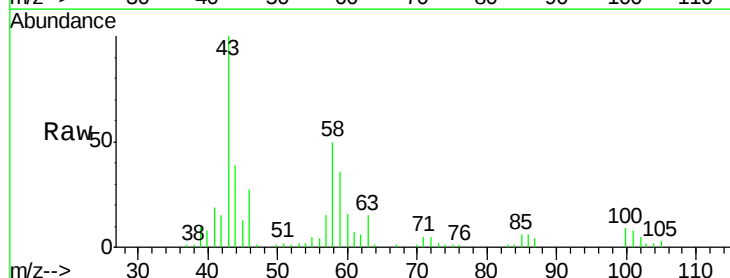
Ion Ratio Lower Upper

43 100

58 47.9 49.9 74.9#

57 15.2 17.3 25.9#

100 9.1 12.5 18.7#



Abundance Ion 43.05 (42.75 to 43.75): VV006547.D (-2178) (-)

Ion 58.05 (57.75 to 58.75): VV006547.D (-2178) (-)

Ion 57.20 (56.90 to 57.90): VV006547.D (-2178) (-)

Ion 100.15 (99.85 to 100.85): VV006547.D (-2178) (-)

