

Data File : VV011515.D
Acq On : 15 Jun 2019 02:50
Operator : SY/MD
Sample : K3289-14 1000X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCL1

Quant Time: Jun 15 03:22:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 02:56:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177224	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	161953	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61783	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	47395	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.12	63	92870	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.96	46	196606	52.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.44%
24) Chloroform-d	4.40	84	122914	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	74539	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.09	84	248847	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.12	67	77641	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	206047	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.66	79	22933	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.14	63	153276	52.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53238	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	65893	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

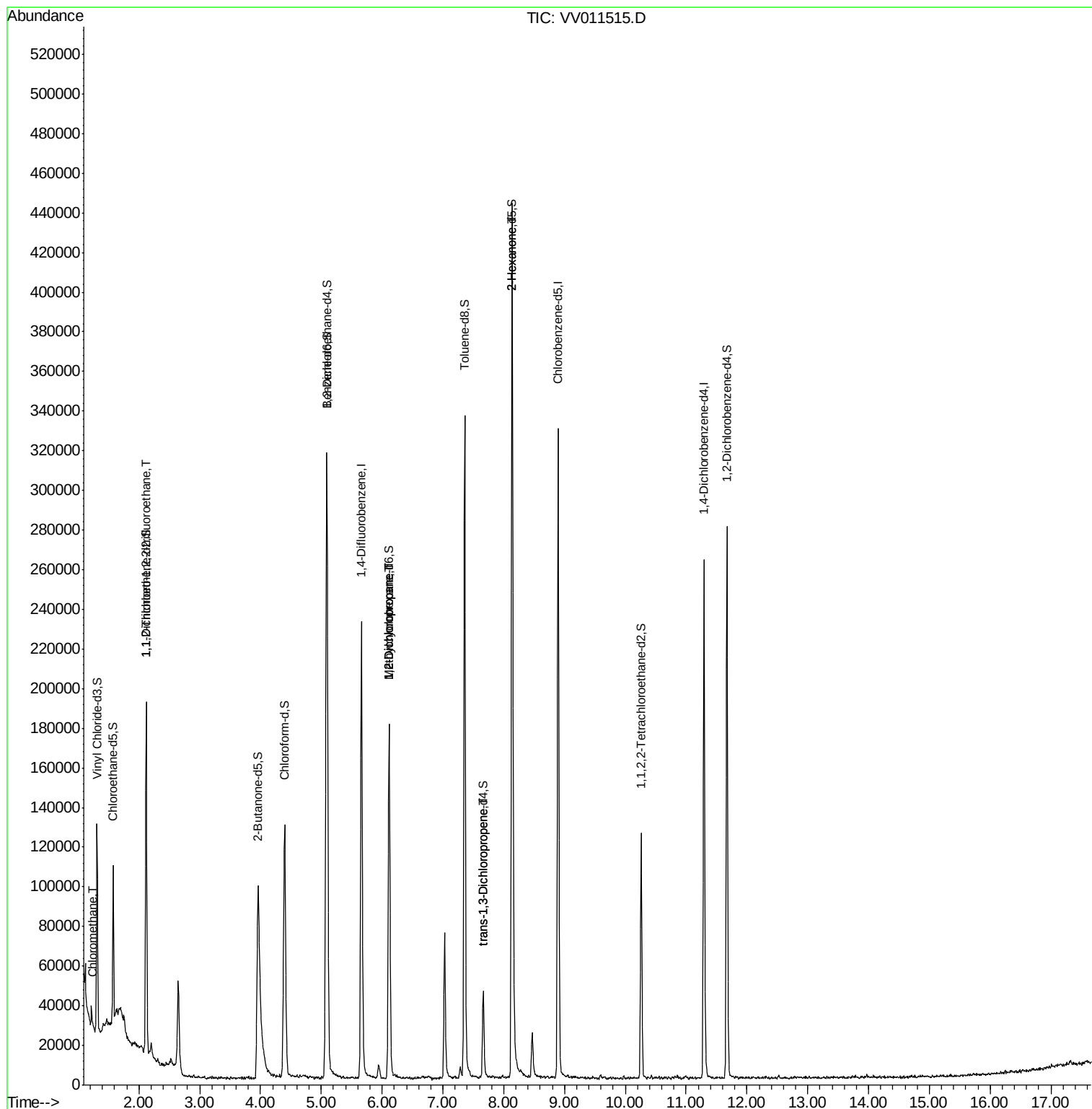
					Qvalue
3) Chloromethane	1.25	50	1373	0.080 ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	880	0.083 ug/L #	23
35) Methylcyclohexane	6.12	83	18671	0.971 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9704	0.689 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1526	0.113 ug/L	92
48) 2-Hexanone	8.14	43	22571	3.199 ug/L #	69

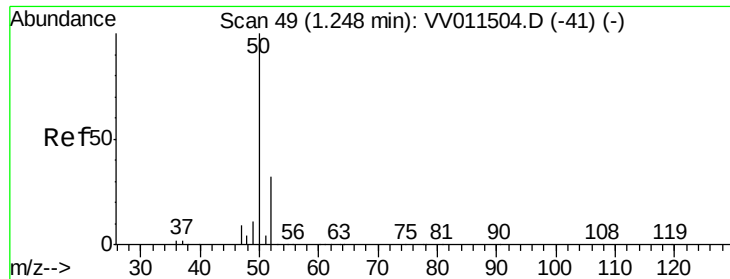
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.080 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011515.D

Acq: 15 Jun 2019 02:50

Instrument :

MSVOA_V

ClientSampled :

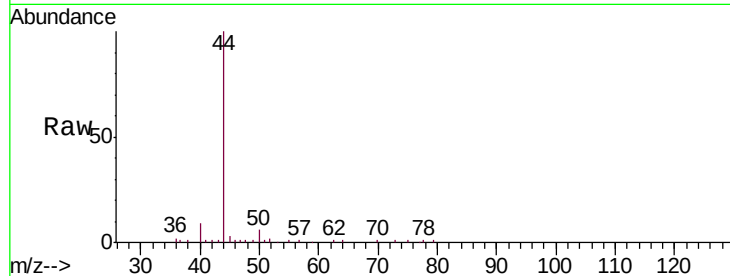
BFCL1

Tgt Ion: 50 Resp: 1373

Ion Ratio Lower Upper

50 100

52 26.2 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV011515.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV011515.D (-1) (-)

1500

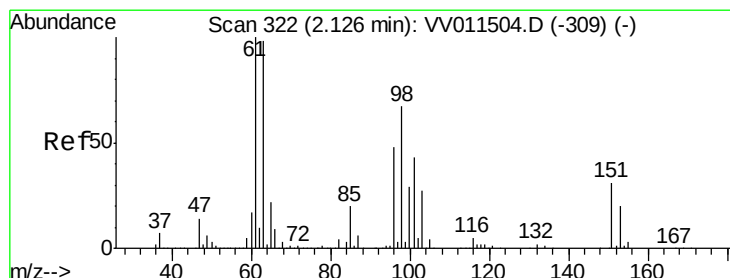
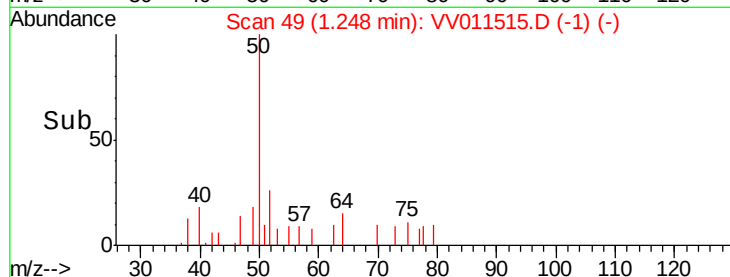
1000

500

0

1.20 1.25

Time-->



#10

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

Concen: 0.083 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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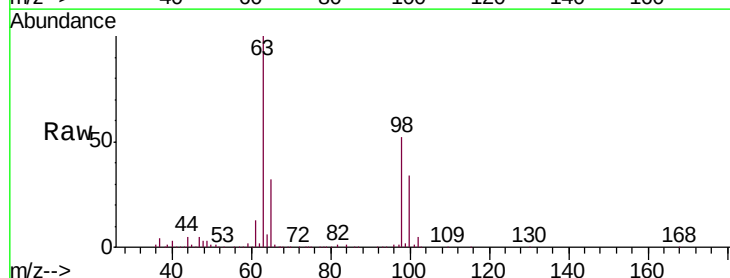
Tgt Ion: 101 Resp: 880

Ion Ratio Lower Upper

101 100

85 6.0 37.3 55.9#

151 0.0 59.4 89.2#



Abundance Ion 101.00 (100.70 to 101.70): VV011515.D (-229) (-)

Ion 85.00 (84.70 to 85.70): VV011515.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV011515.D (-229) (-)

800

600

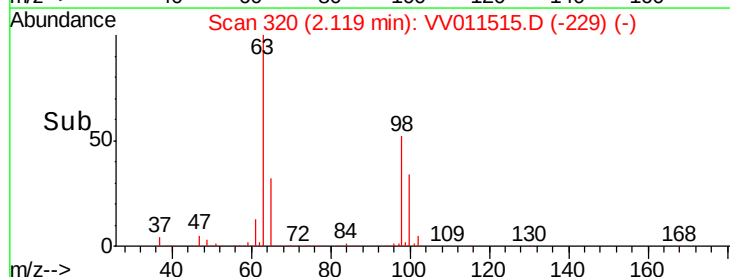
400

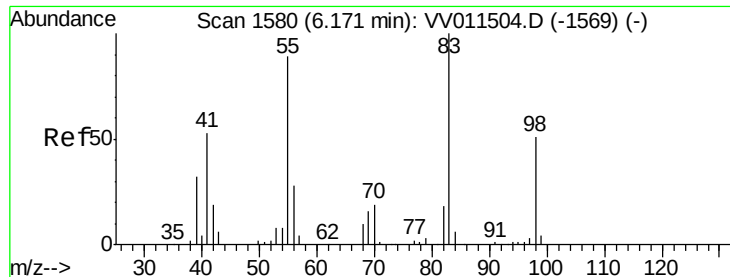
200

0

2.08 2.10 2.12 2.14 2.16

Time-->

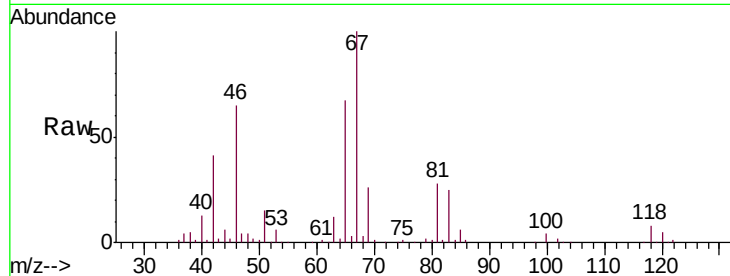




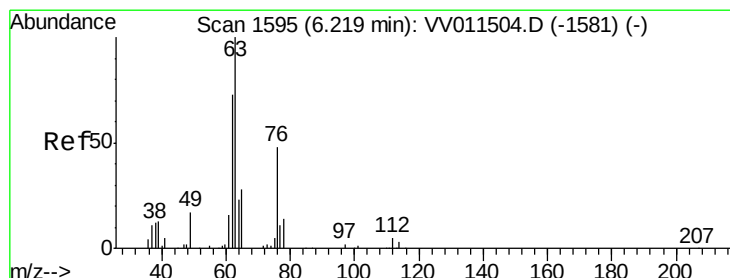
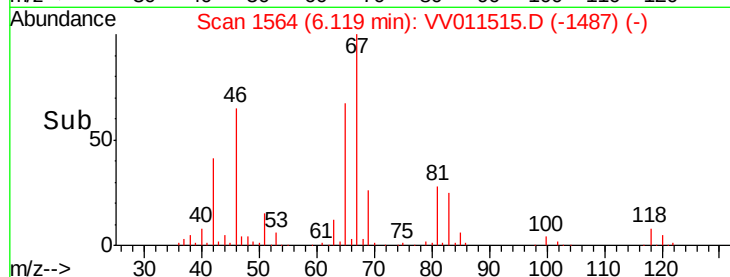
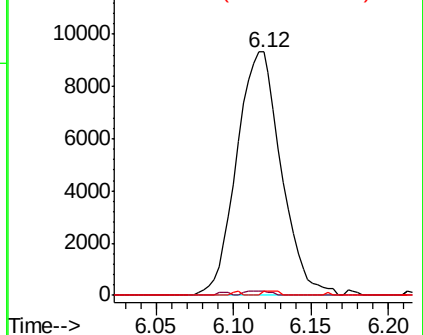
#35
Methylcyclohexane
Concen: 0.971 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
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Instrument :
MSVOA_V
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BFCL1

Tgt Ion: 83 Resp: 18671
Ion Ratio Lower Upper
83 100
55 1.1 67.9 101.9#
98 0.7 39.6 59.4#

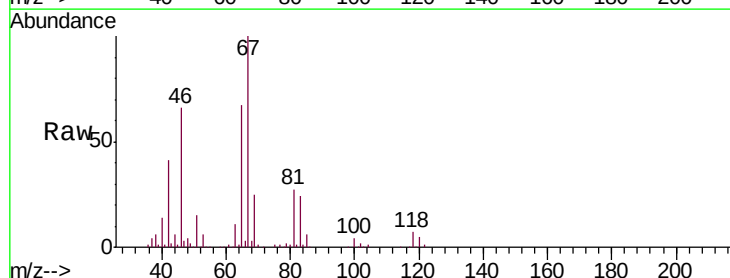


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

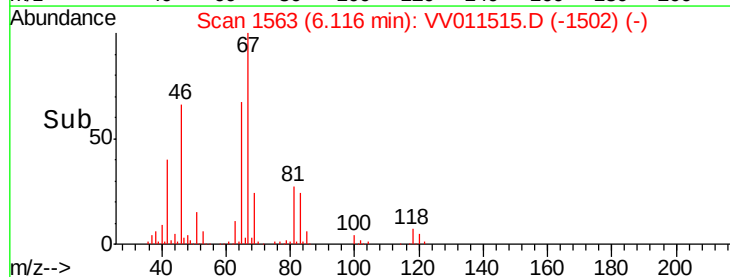
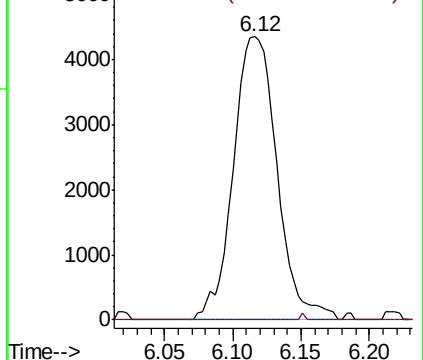


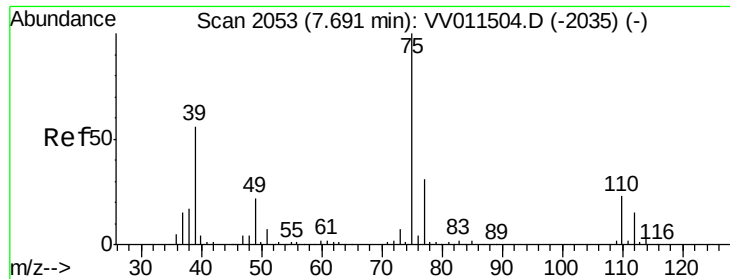
#37
1,2-Dichloropropane
Concen: 0.689 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011515.D
Acq: 15 Jun 2019 02:50

Tgt Ion: 63 Resp: 9704
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011515.D

Acq: 15 Jun 2019 02:50

Instrument :

MSVOA_V

ClientSampled :

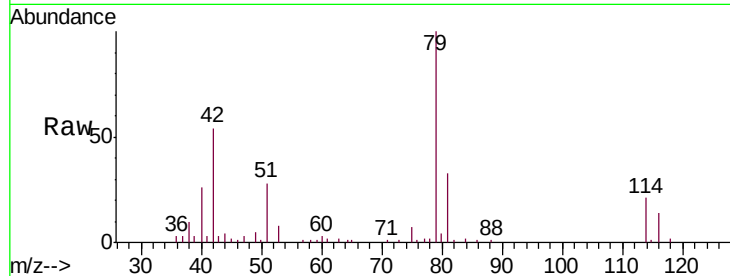
BFCL1

Tgt Ion: 75 Resp: 1526

Ion Ratio Lower Upper

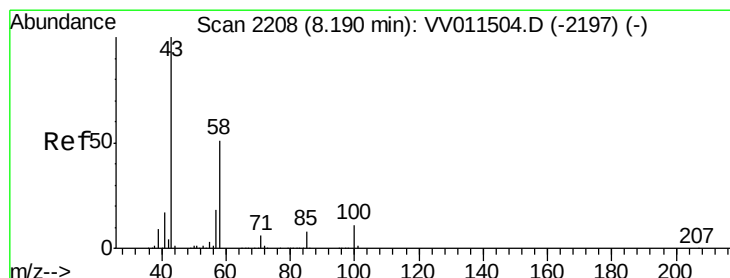
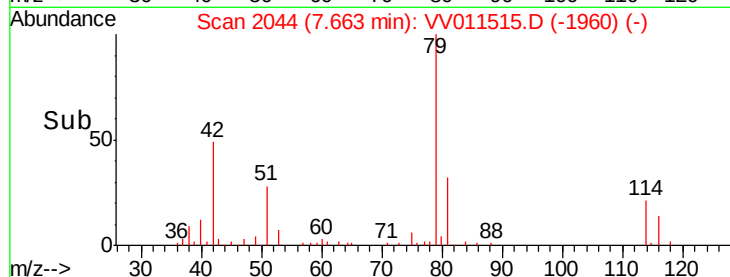
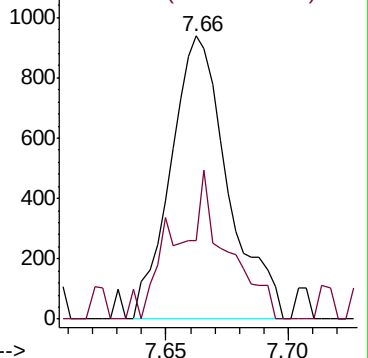
75 100

77 27.8 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 3.199 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011515.D

Acq: 15 Jun 2019 02:50

Tgt Ion: 43 Resp: 22571

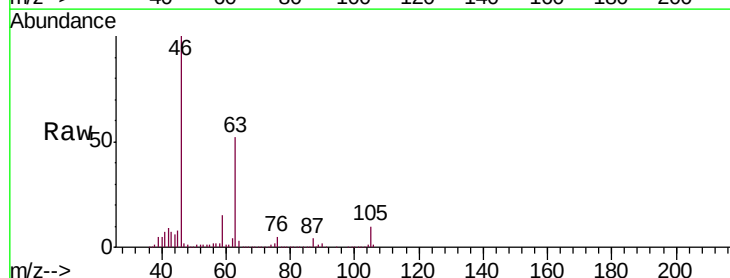
Ion Ratio Lower Upper

43 100

58 24.4 40.6 60.8#

57 24.2 14.2 21.4#

100 0.7 8.6 12.8#



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

