

Data File : VV011506.D
Acq On : 14 Jun 2019 22:36
Operator : SY/MD
Sample : K3289-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC66

Quant Time: Jun 15 01:33:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 01:30:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	186037	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	171562	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69186	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64517	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	43935	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.12	63	100731	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.96	46	197318	49.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.84%
24) Chloroform-d	4.40	84	129091	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	75275	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.09	84	258348	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	80101	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	224542	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.66	79	23498	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	151825	48.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56275	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	73406	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

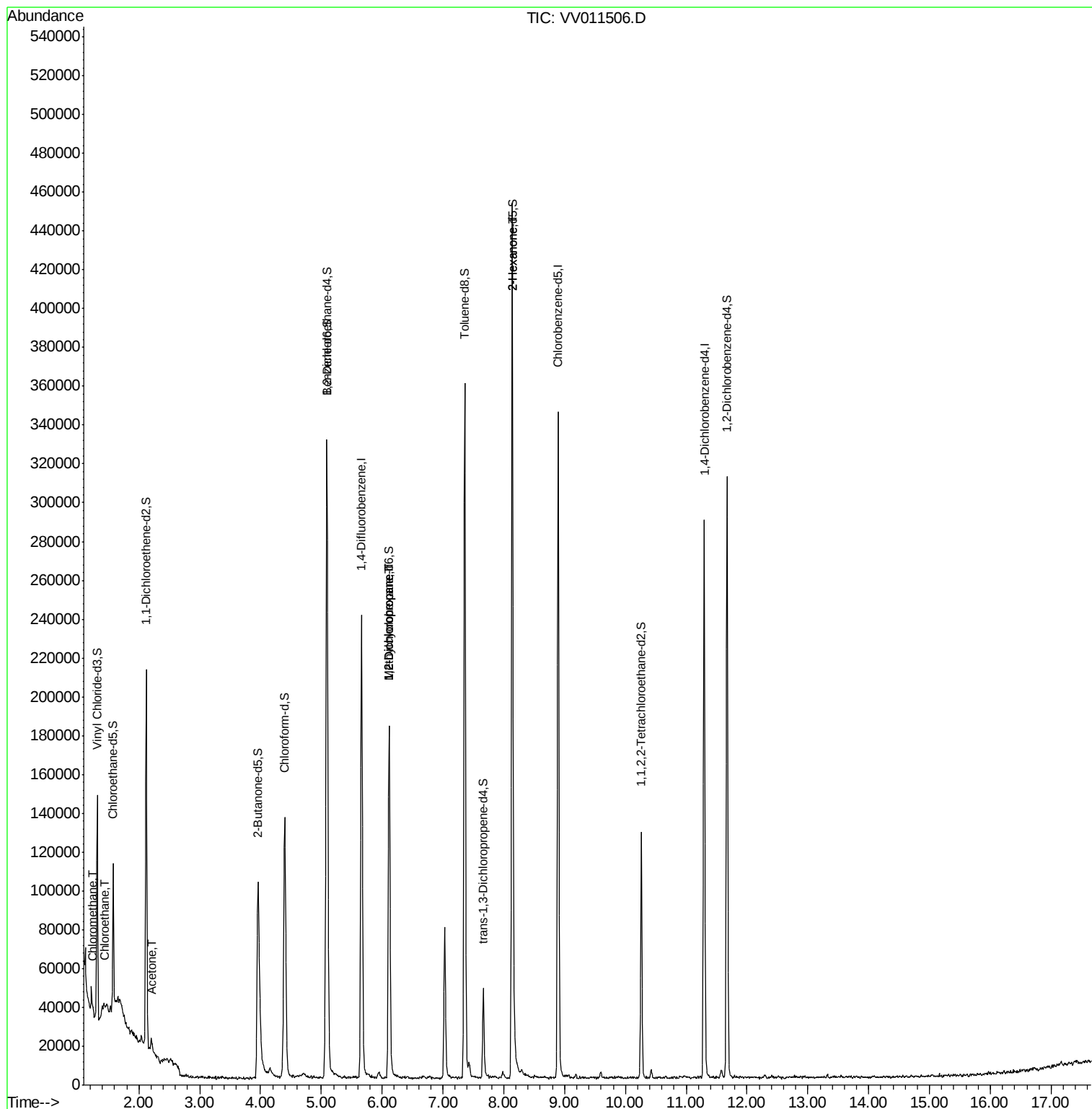
					Qvalue
3) Chloromethane	1.25	50	2342	0.130 ug/L	99
8) Chloroethane	1.44	64	3483	0.405 ug/L #	54
13) Acetone	2.22	43	7450	2.797 ug/L	58
35) Methylcyclohexane	6.12	83	18991	0.932 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	10027	0.672 ug/L #	87
48) 2-Hexanone	8.14	43	22142	2.962 ug/L #	70

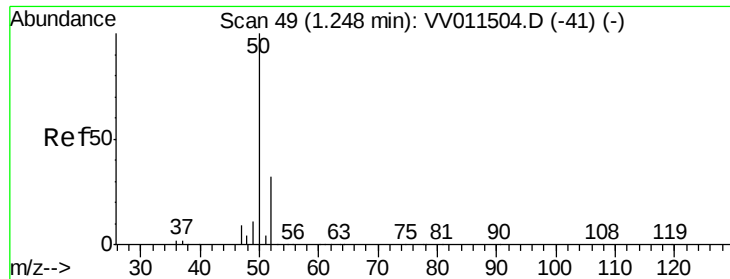
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.130 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011506.D

Acq: 14 Jun 2019 22:36

Instrument :

MSVOA_V

ClientSampleId :

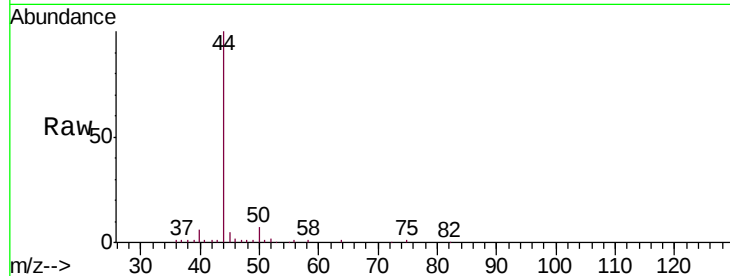
BFCS6

Tgt Ion: 50 Resp: 2342

Ion Ratio Lower Upper

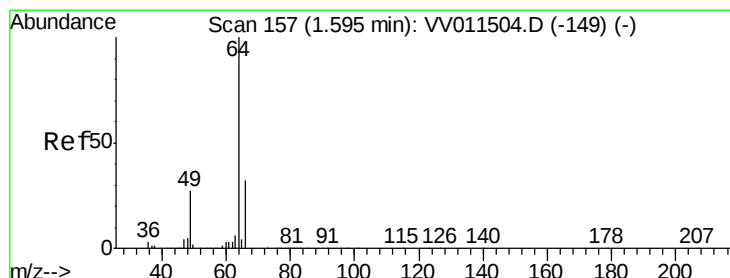
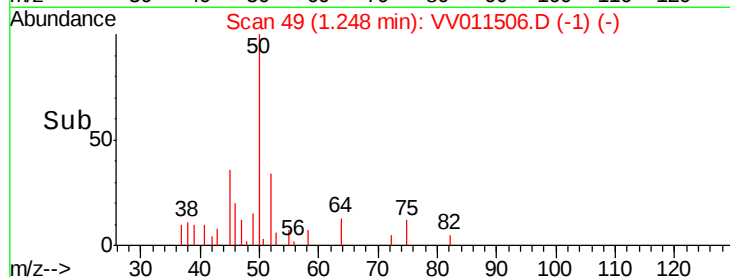
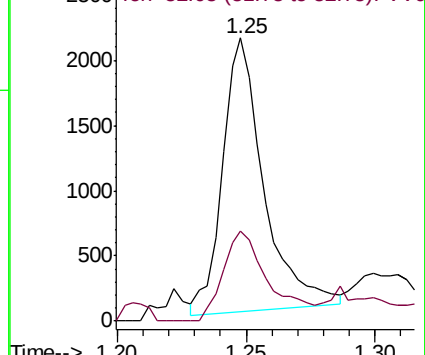
50 100

52 31.8 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV011506.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VV011506.D (-52) (-)



#8

Chloroethane

Concen: 0.405 ug/L

RT: 1.44 min Scan# 110

Delta R.T. -0.15 min

Lab File: VV011506.D

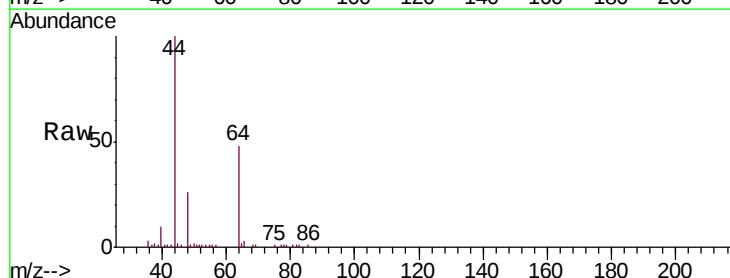
Acq: 14 Jun 2019 22:36

Tgt Ion: 64 Resp: 3483

Ion Ratio Lower Upper

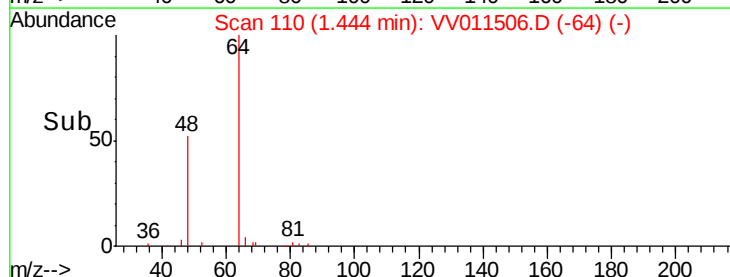
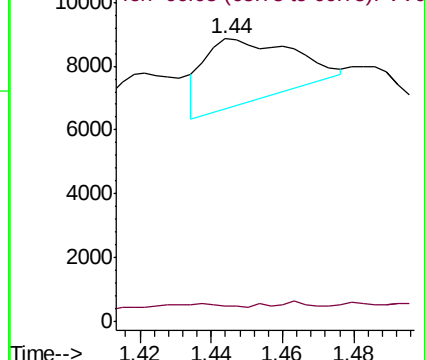
64 100

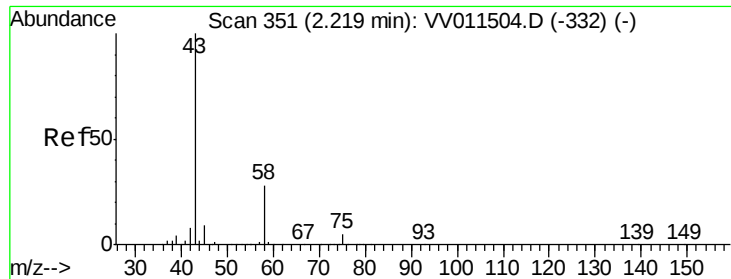
66 5.6 21.6 40.2#



Abundance Ion 64.10 (63.80 to 64.80): VV011506.D (-64) (-)

Ion 66.05 (65.75 to 66.75): VV011506.D (-66) (-)





#13

Acetone

Concen: 2.797 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV011506.D

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Instrument :

MSVOA_V

ClientSampleId :

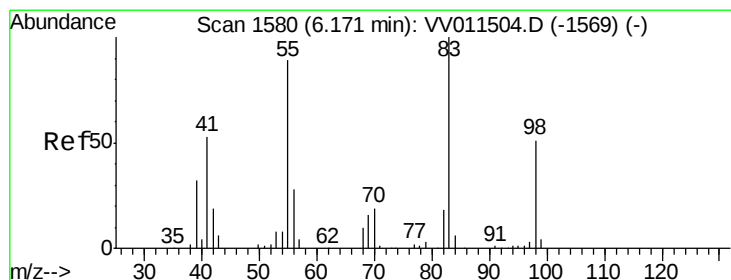
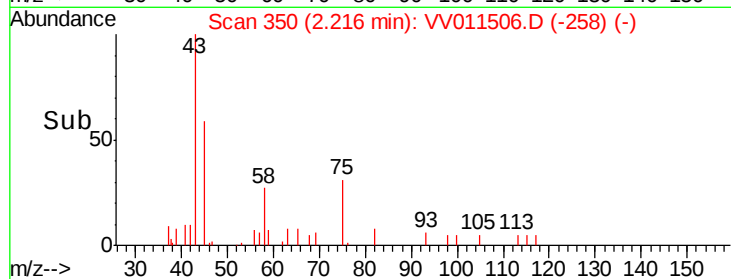
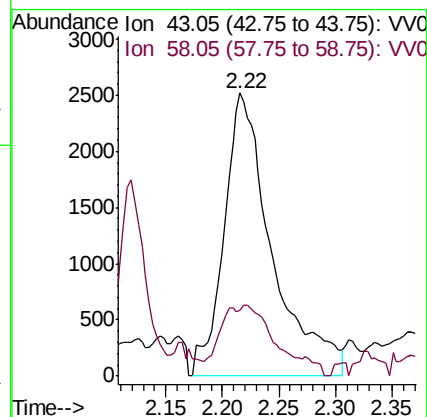
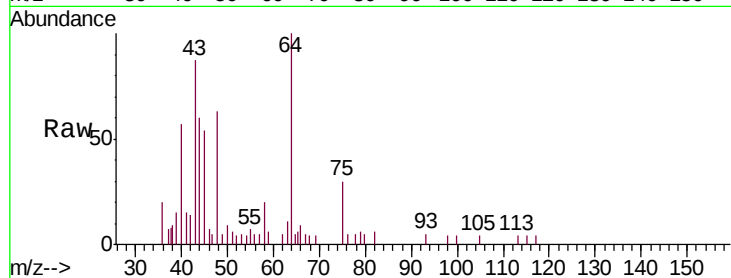
BFCS6

Tgt Ion: 43 Resp: 7450

Ion Ratio Lower Upper

43 100

58 6.6 0.0 57.8



#35

Methylcyclohexane

Concen: 0.932 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011506.D

Acq: 14 Jun 2019 22:36

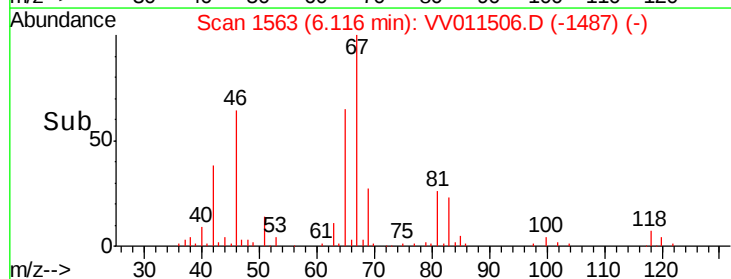
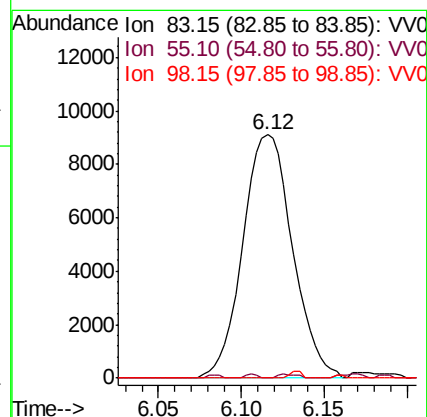
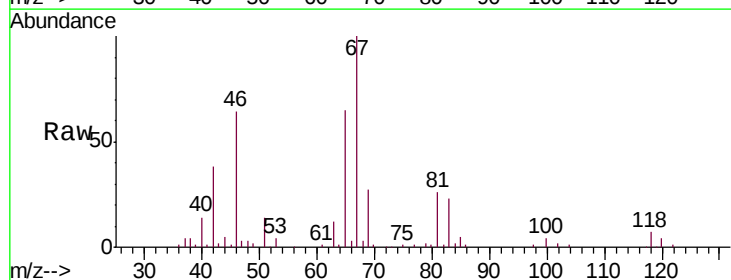
Tgt Ion: 83 Resp: 18991

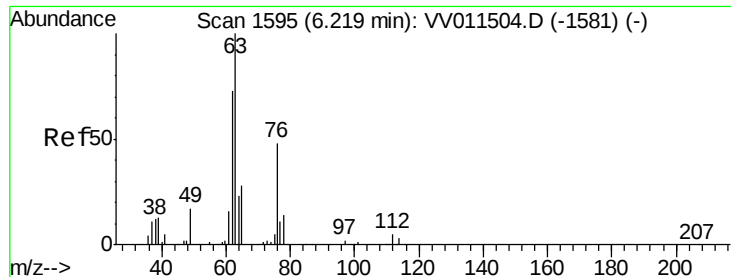
Ion Ratio Lower Upper

83 100

55 0.7 67.9 101.9#

98 0.6 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.672 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011506.D

Acq: 14 Jun 2019 22:36

Instrument :

MSVOA_V

ClientSampleId :

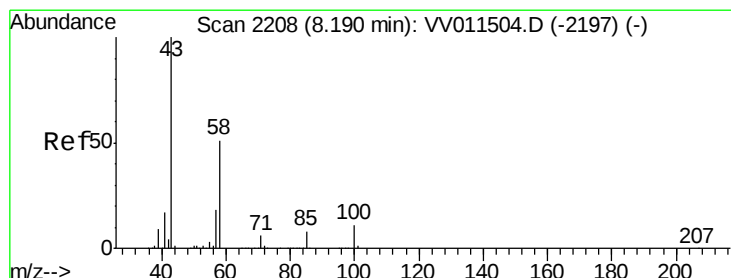
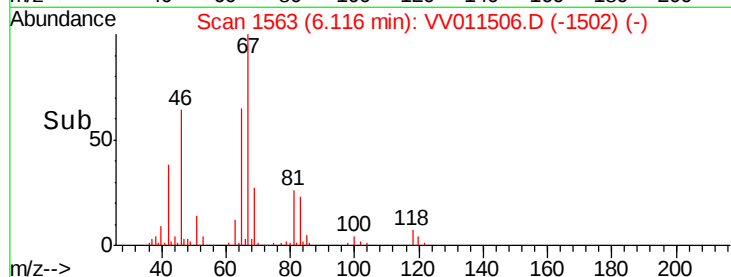
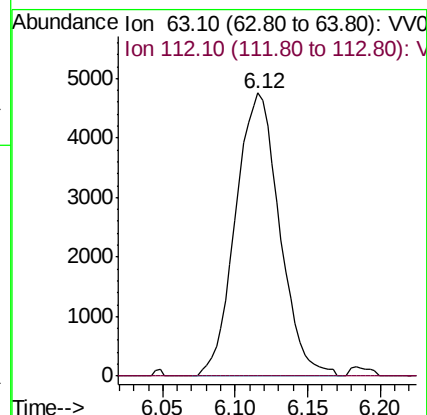
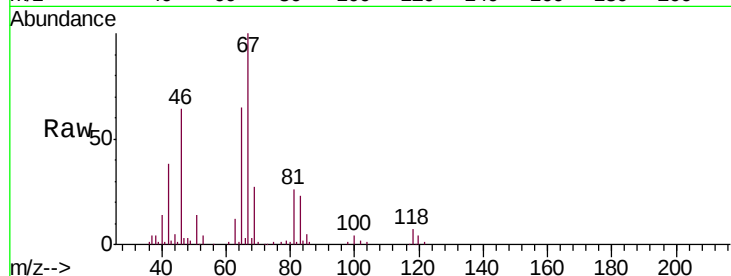
BFCS6

Tgt Ion: 63 Resp: 10027

Ion Ratio Lower Upper

63 100

112 0.2 3.7 5.5#



#48

2-Hexanone

Concen: 2.962 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011506.D

Acq: 14 Jun 2019 22:36

Tgt Ion: 43 Resp: 22142

Ion Ratio Lower Upper

43 100

58 26.1 40.6 60.8#

57 24.9 14.2 21.4#

100 0.8 8.6 12.8#

