

Data File : VV011360.D
Acq On : 10 Jun 2019 19:53
Operator : SY/MD
Sample : VIBLK
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK47

Quant Time: Jun 11 01:37:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151148	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41125	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.55	69	39464	4.15	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.12	63	69951	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	3.94	46	134308	52.09	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.18%
24) Chloroform-d	4.40	84	90098	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	54135	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.09	84	177835	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.12	67	57327	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	151575	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.66	79	16200	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	8.13	63	99831	47.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40587	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	50497	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

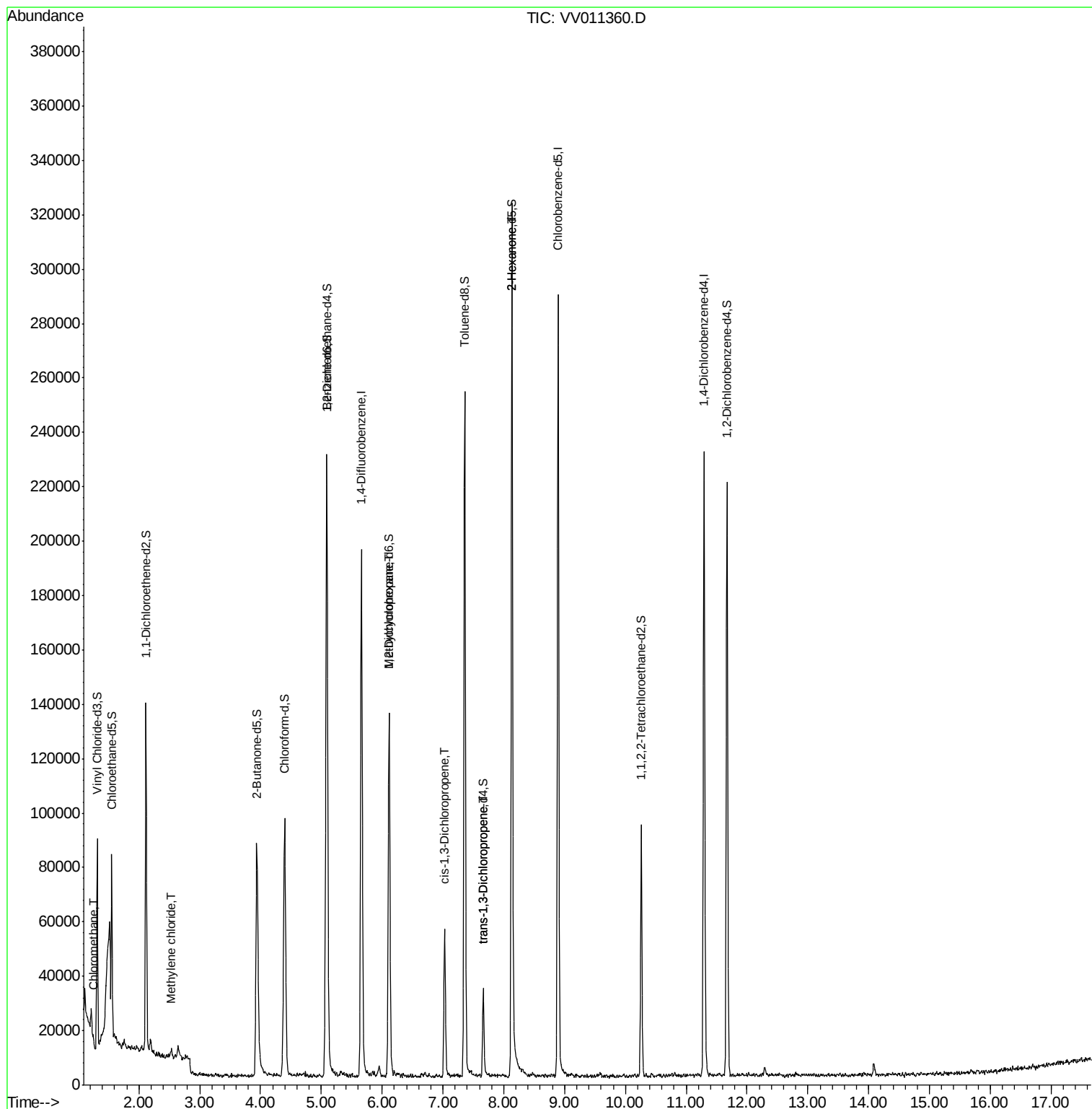
						Qvalue
3) Chloromethane	1.25	50	2285	0.159	ug/L	97
16) Methylene chloride	2.53	84	1219	0.124	ug/L	83
35) Methylcyclohexane	6.12	83	13955	0.731	ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1454	0.089	ug/L #	62
44) trans-1,3-Dichloropropene	7.66	75	1015	0.082	ug/L #	80
48) 2-Hexanone	8.13	43	14055	2.844	ug/L #	70

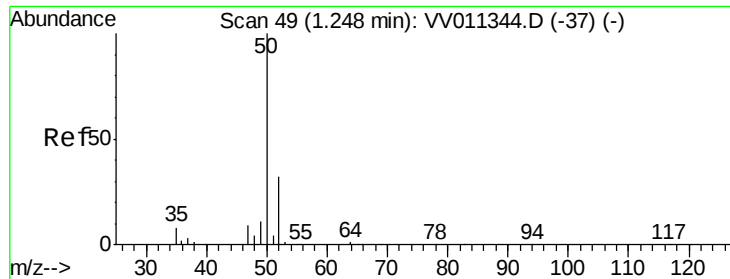
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.159 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011360.D

Acq: 10 Jun 2019 19:53

Instrument :

MSVOA_V

ClientSampleId :

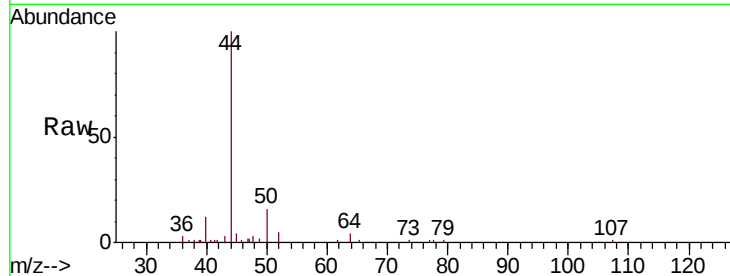
VIBLK47

Tgt Ion: 50 Resp: 2285

Ion Ratio Lower Upper

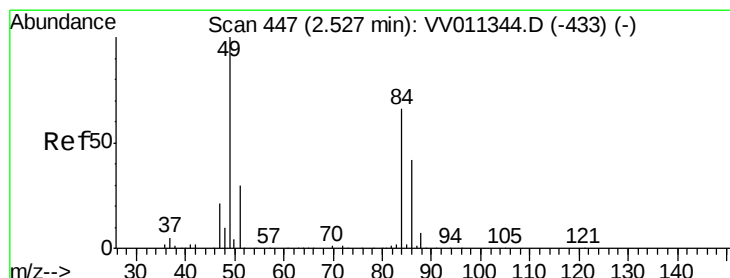
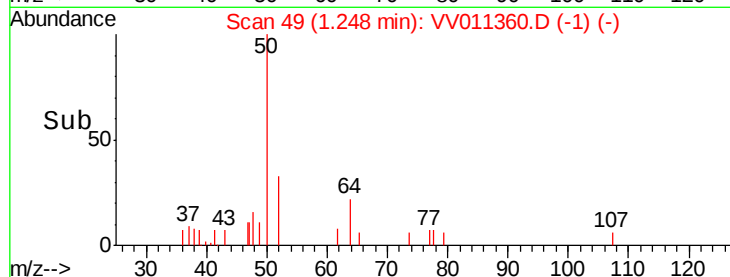
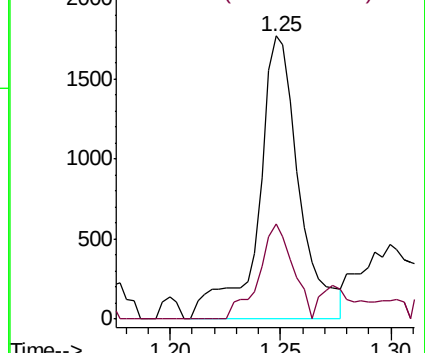
50 100

52 33.4 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011344.D (-37) (-)

Ion 52.05 (51.75 to 52.75): VV011344.D (-37) (-)



#16

Methylene chloride

Concen: 0.124 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV011360.D

Acq: 10 Jun 2019 19:53

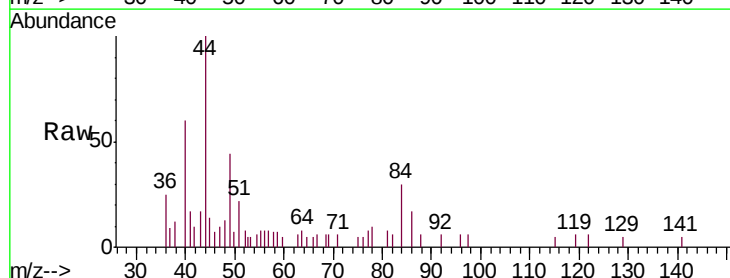
Tgt Ion: 84 Resp: 1219

Ion Ratio Lower Upper

84 100

86 55.9 44.9 83.3

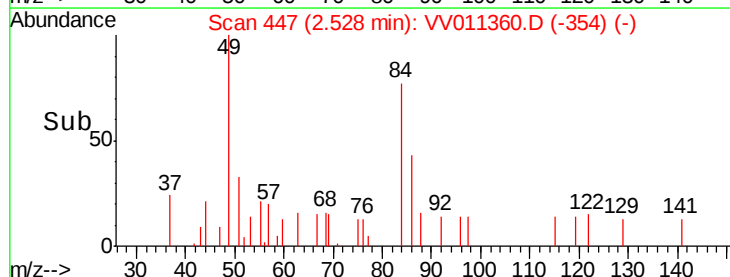
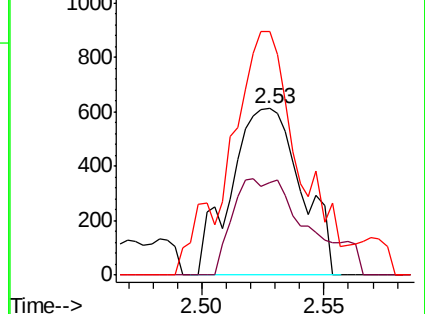
49 170.6 102.1 189.5

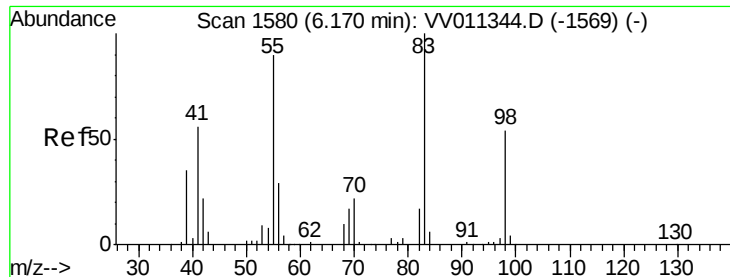


Abundance Ion 84.05 (83.75 to 84.75): VV011344.D (-433) (-)

Ion 86.00 (85.70 to 86.70): VV011344.D (-433) (-)

Ion 49.10 (48.80 to 49.80): VV011344.D (-433) (-)

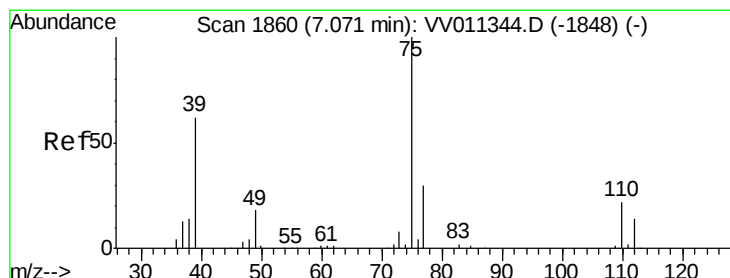
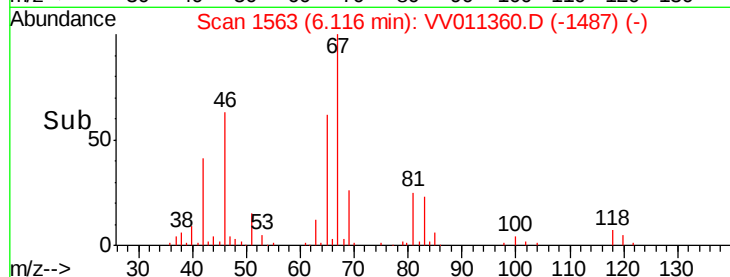
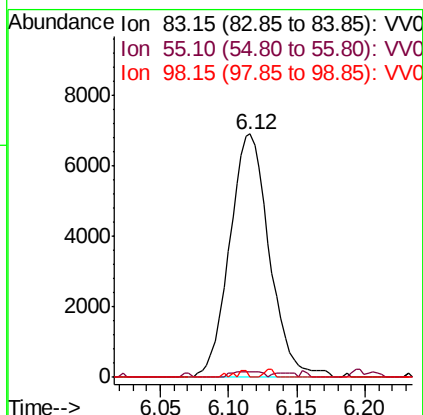
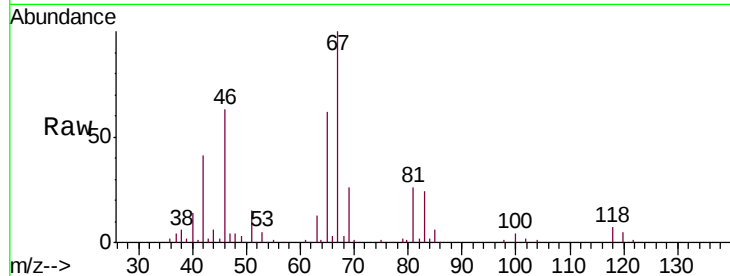




#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011360.D
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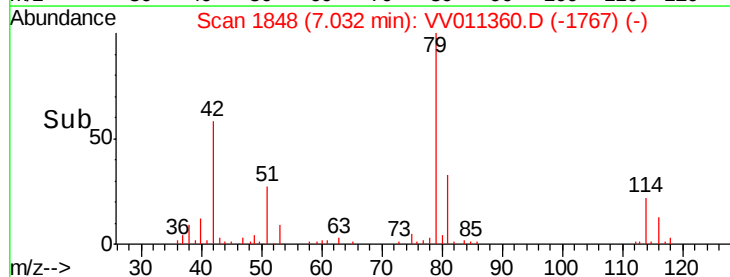
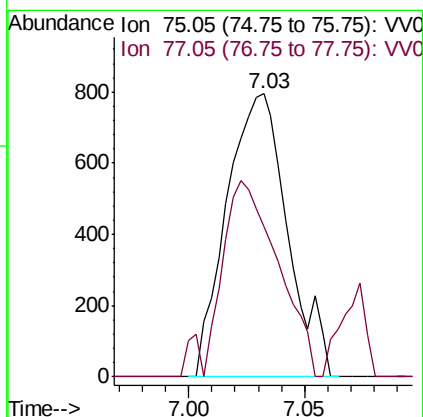
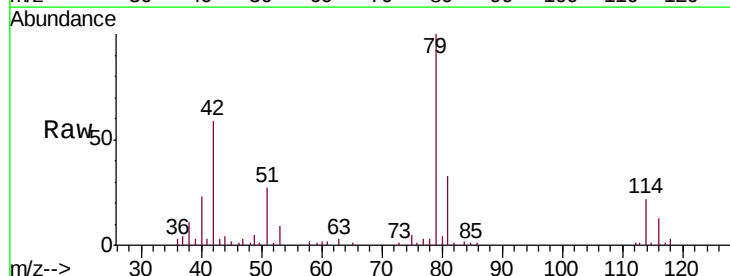
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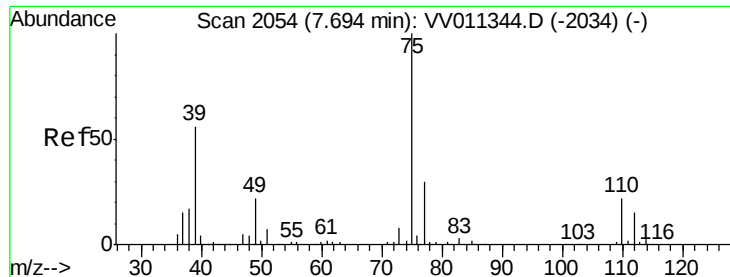
Tgt Ion: 83 Resp: 13955
Ion Ratio Lower Upper
83 100
55 1.7 67.0 100.6#
98 0.7 40.0 60.0#



#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV011360.D
Acq: 10 Jun 2019 19:53

Tgt Ion: 75 Resp: 1454
Ion Ratio Lower Upper
75 100
77 53.0 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV011360.D

Acq: 10 Jun 2019 19:53

Instrument :

MSVOA_V

ClientSampleId :

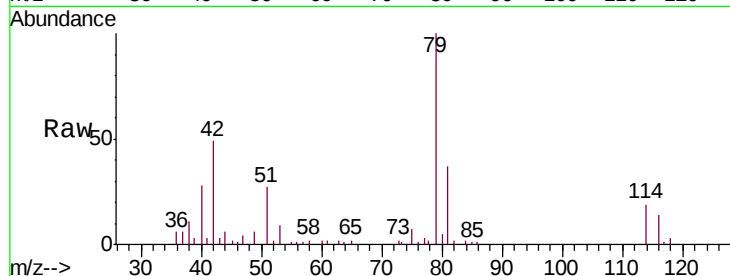
VIBLK47

Tgt Ion: 75 Resp: 1015

Ion Ratio Lower Upper

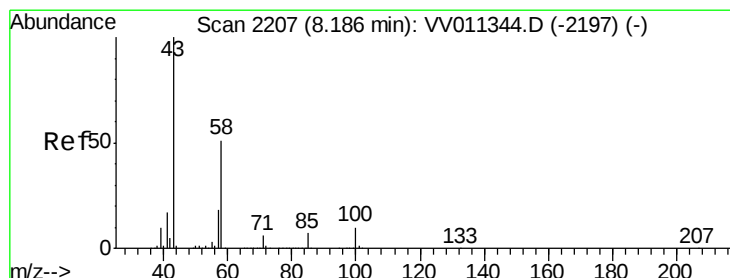
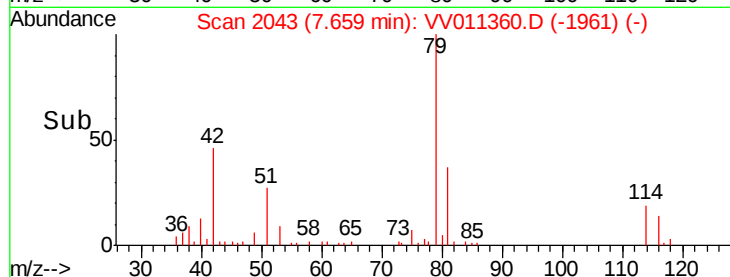
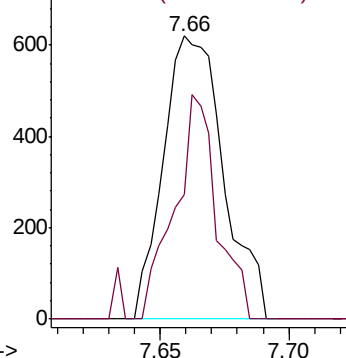
75 100

77 44.2 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.844 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011360.D

Acq: 10 Jun 2019 19:53

Tgt Ion: 43 Resp: 14055

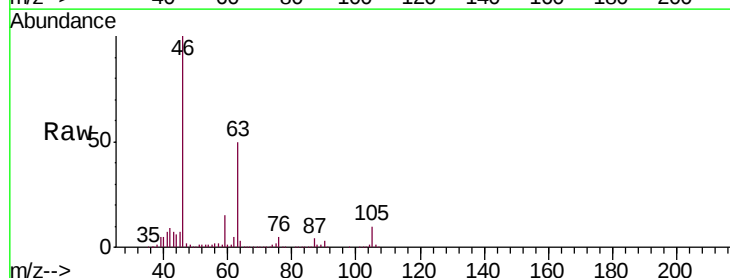
Ion Ratio Lower Upper

43 100

58 27.3 41.4 62.0#

57 26.6 15.0 22.4#

100 0.4 9.0 13.4#



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

