

Data File : VV012049.D
Acq On : 26 Jul 2019 13:27
Operator : SY/MD
Sample : K4025-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JZ2

Quant Time: Jul 26 23:23:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 23:19:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	135459	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26404	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.59	69	22307	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.13	63	42796	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.97	46	107161	52.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.14%
24) Chloroform-d	4.40	84	81479	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.08	65	47131	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.10	84	161210	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.12	67	49277	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	138873	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.67	79	18083	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.14	63	83684	50.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35881	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	58895	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

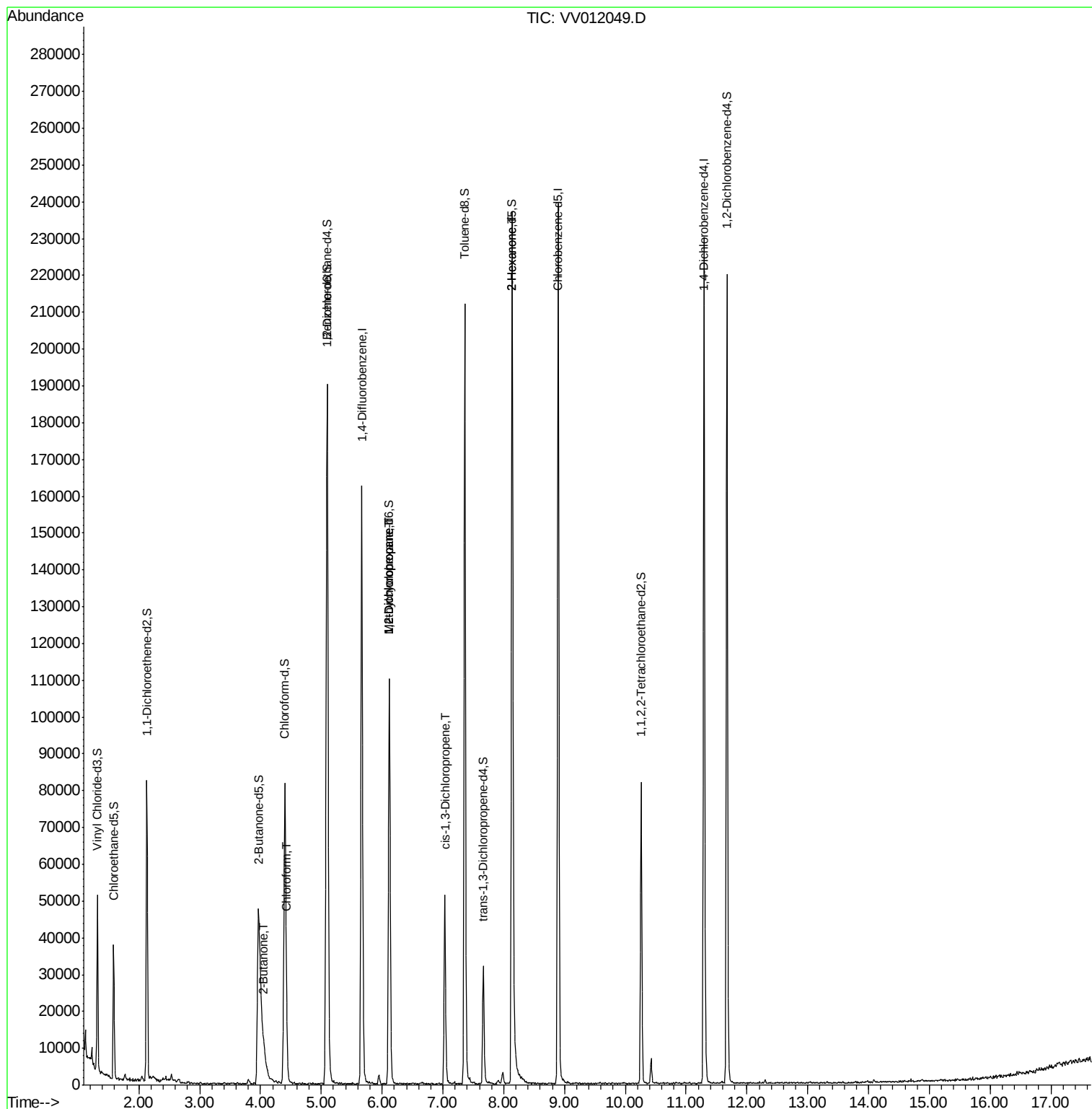
Target Compounds					Qvalue
21) 2-Butanone	4.06	43	8741	4.108 ug/L #	67
25) Chloroform	4.43	83	5005	0.244 ug/L	100
35) Methylcyclohexane	6.12	83	12930	0.794 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5997	0.662 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1332	0.099 ug/L #	75
48) 2-Hexanone	8.14	43	12200	3.435 ug/L #	69

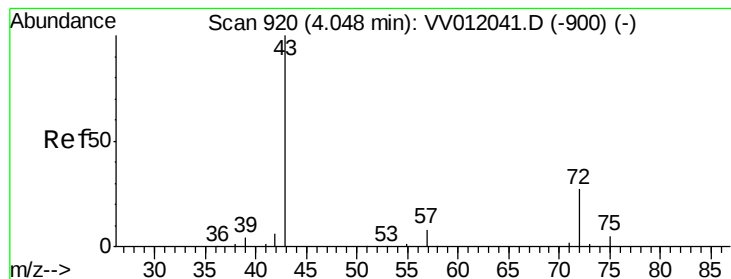
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 4.108 ug/L

RT: 4.06 min Scan# 924

Delta R.T. 0.01 min

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ClientSampleId :

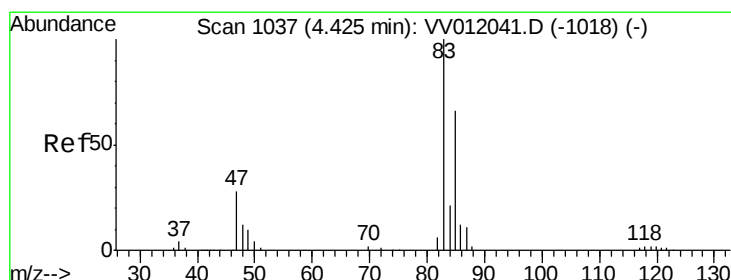
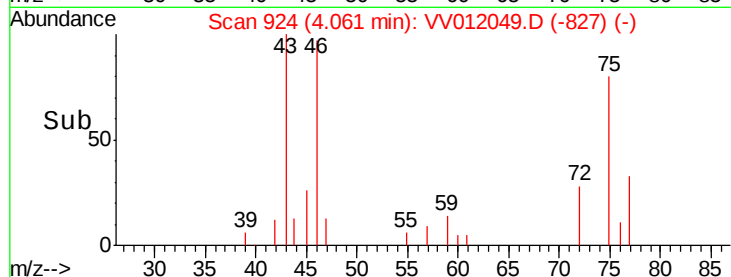
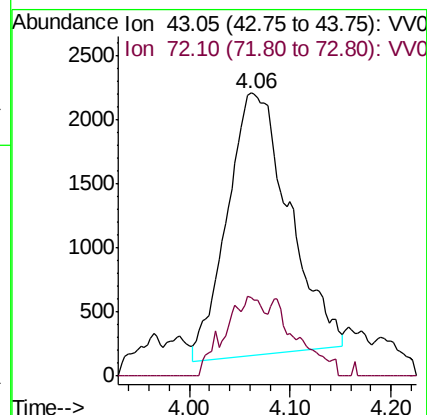
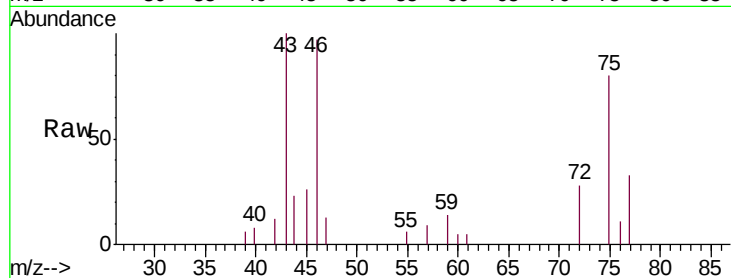
C0JZ2

Tgt Ion: 43 Resp: 8741

Ion Ratio Lower Upper

43 100

72 9.9 13.6 40.8#



#25

Chloroform

Concen: 0.244 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.01 min

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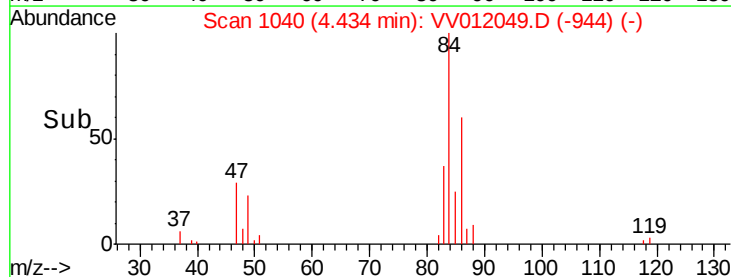
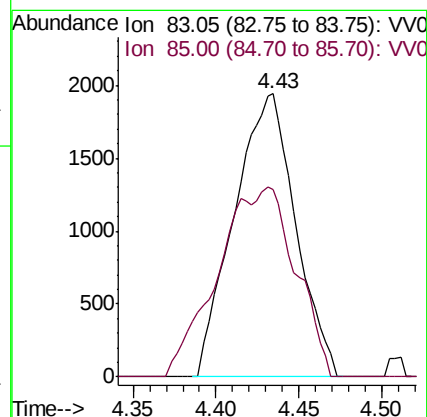
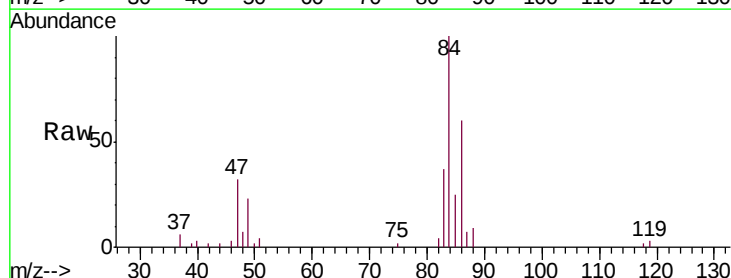
Acq: 26 Jul 2019 13:27

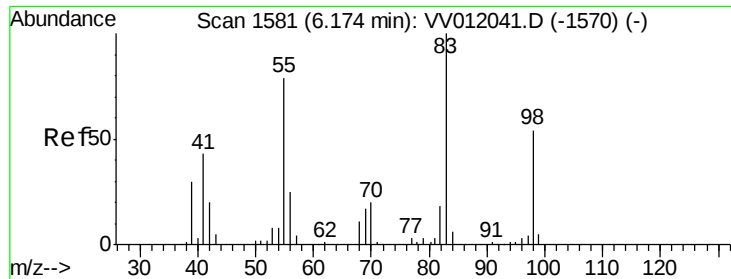
Tgt Ion: 83 Resp: 5005

Ion Ratio Lower Upper

83 100

85 66.2 46.5 86.3

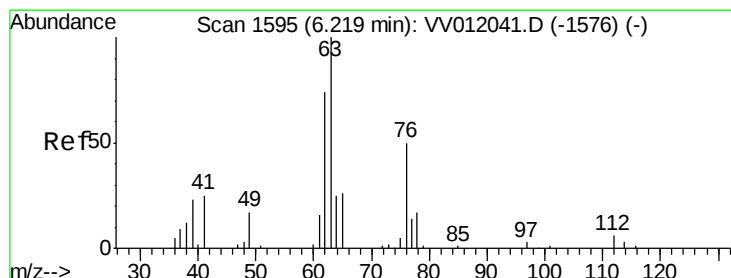
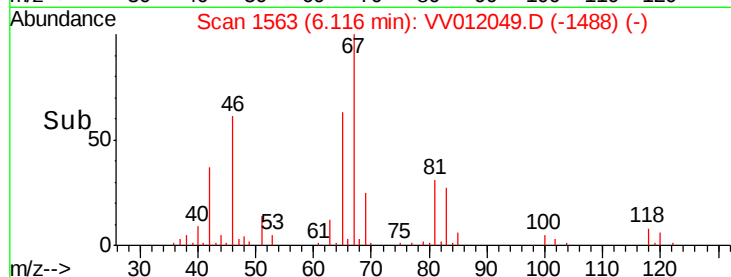
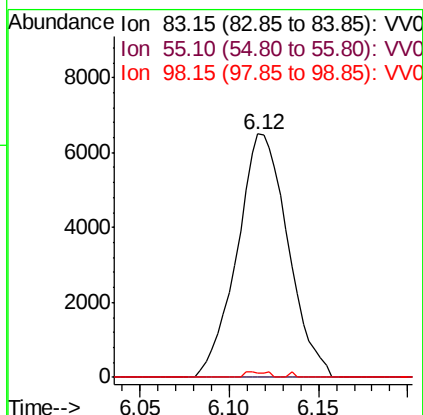
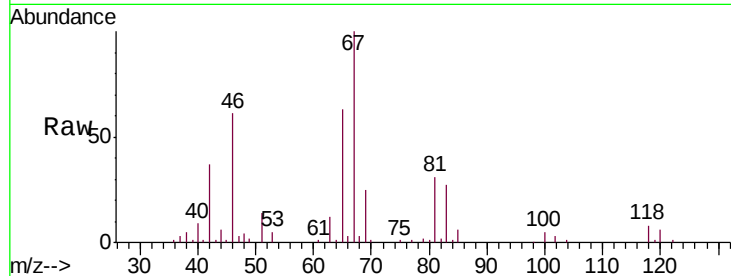




#35
Methylcyclohexane
Concen: 0.794 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
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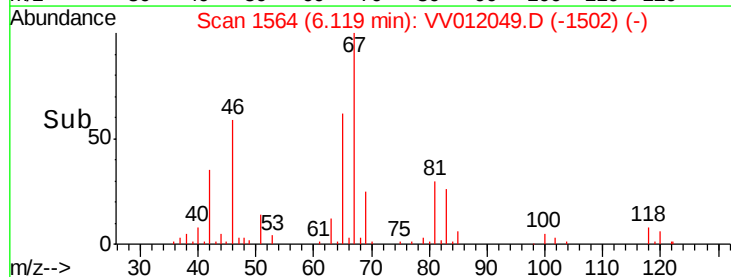
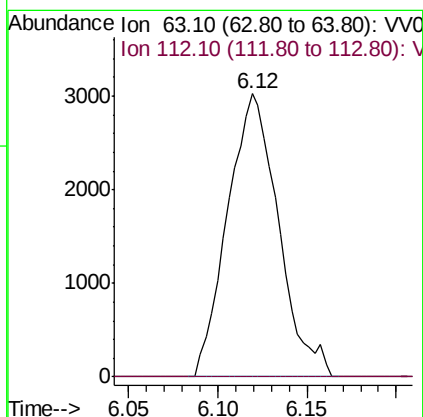
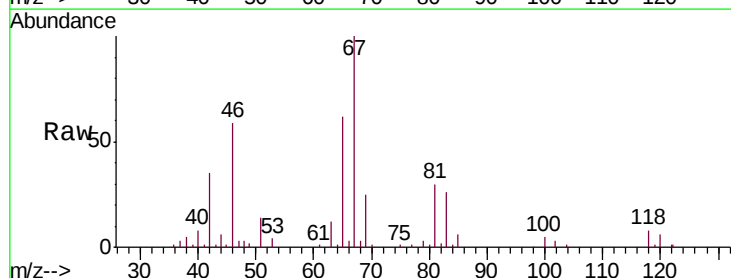
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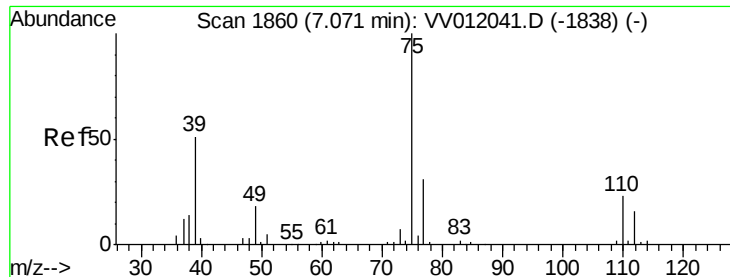
Tgt Ion: 83 Resp: 12930
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 1.0 41.4 62.0#



#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012049.D
Acq: 26 Jul 2019 13:27

Tgt Ion: 63 Resp: 5997
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV012049.D

Acq: 26 Jul 2019 13:27

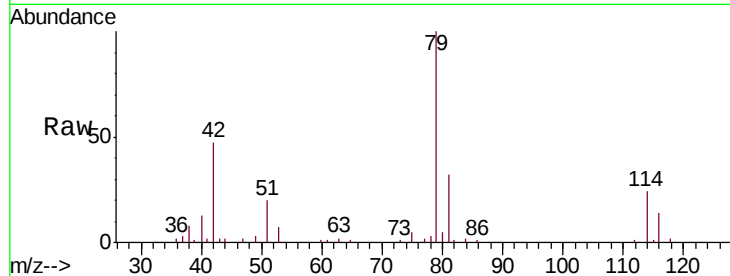
Instrument :
MSVOA_V
ClientSampleId :
C0JZ2

Tgt Ion: 75 Resp: 1332

Ion Ratio Lower Upper

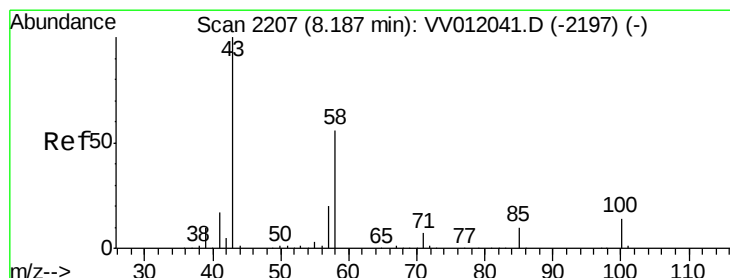
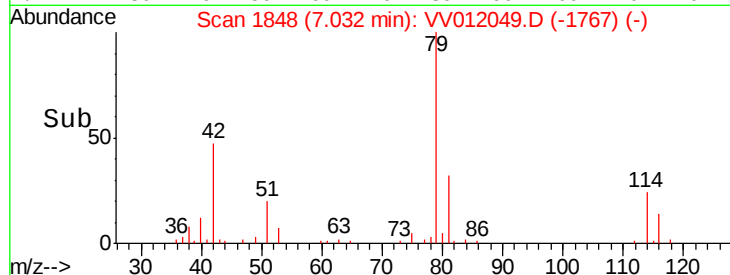
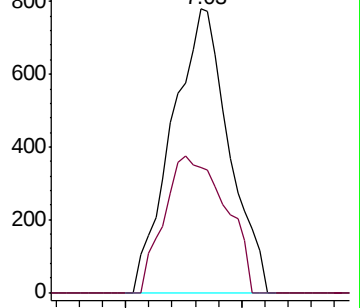
75 100

77 44.2 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 3.435 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV012049.D

Acq: 26 Jul 2019 13:27

Tgt Ion: 43 Resp: 12200

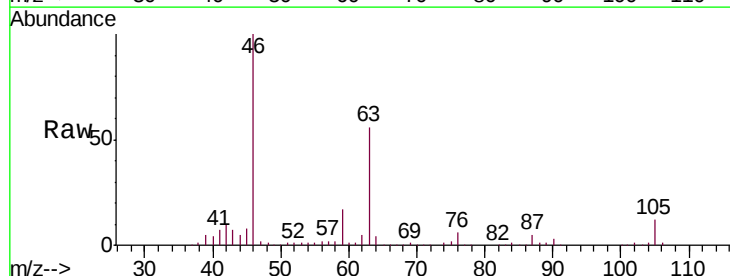
Ion Ratio Lower Upper

43 100

58 28.8 43.7 65.5#

57 29.5 16.0 24.0#

100 1.9 10.5 15.7#



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

