

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009448.D
 Acq On : 26 Mar 2019 00:51
 Operator : SY/VA
 Sample : K2044-16
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:06:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	315782	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329792	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152966	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	67697	17.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.76%
7) Chloroethane-d5	2.89	69	79468	18.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.00%
10) 1,1-Dichloroethene-d2	4.01	63	115418	14.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.60%
20) 2-Butanone-d5	7.07	46	107105	68.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.26%#
24) Chloroform-d	7.64	84	215764	25.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.16%
26) 1,2-Dichloroethane-d4	8.37	65	158	0.03	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	367011	20.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.72%
33) 1,2-Dichloropropane-d6	9.27	67	127020	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.00%
37) Toluene-d8	10.32	98	317287	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.48%
38) trans-1,3-Dichloropropene-	10.58	79	57826	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.32%
39) 2-Hexanone-d5	10.93	63	75471	57.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149975	27.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	143927	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds

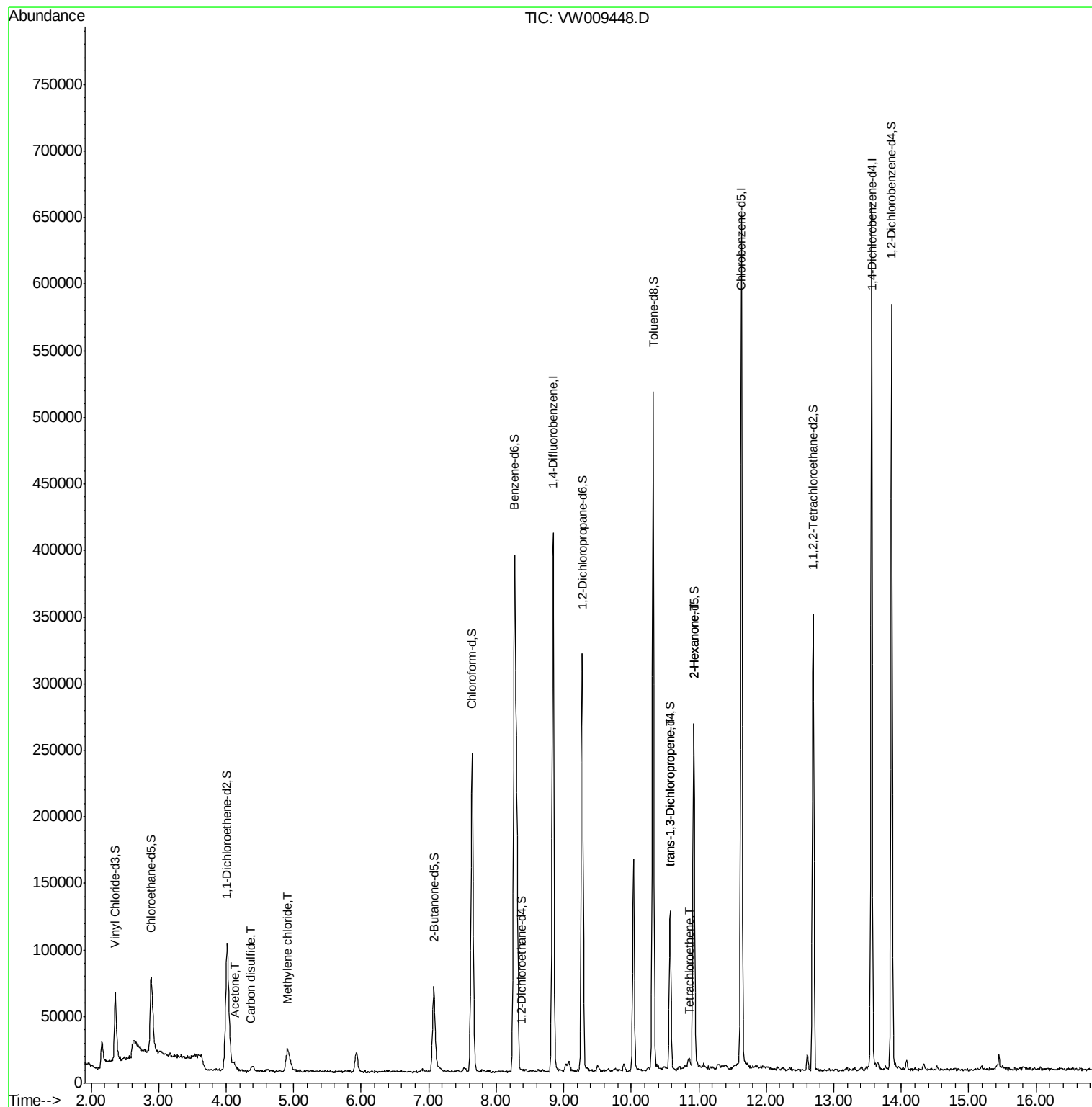
					Ovalue
13) Acetone	4.12	43	9456	7.389 ug/L	81
14) Carbon disulfide	4.37	76	2749	0.263 ug/L	95
16) Methylene chloride	4.91	84	15373	3.338 ug/L	86
45) trans-1,3-Dichloropropene	10.57	75	2883	0.439 ug/L #	30
47) Tetrachloroethene	10.87	164	1195	0.294 ug/L	86
49) 2-Hexanone	10.93	43	12302	4.161 ug/L #	71

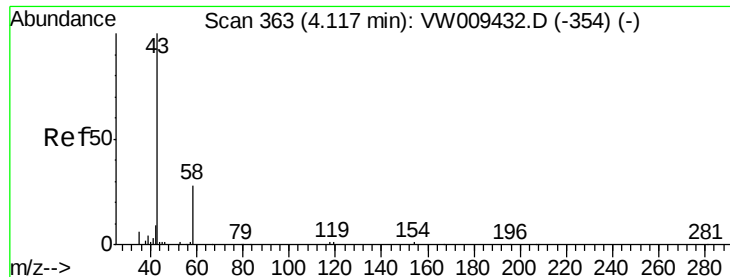
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.389 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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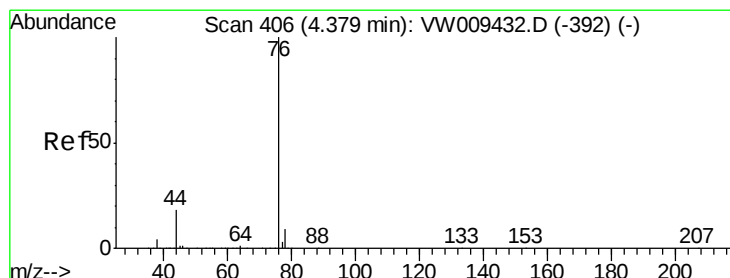
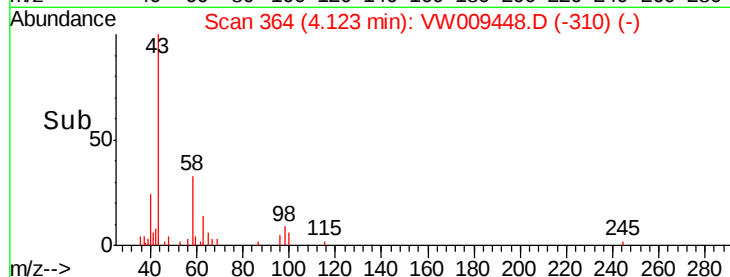
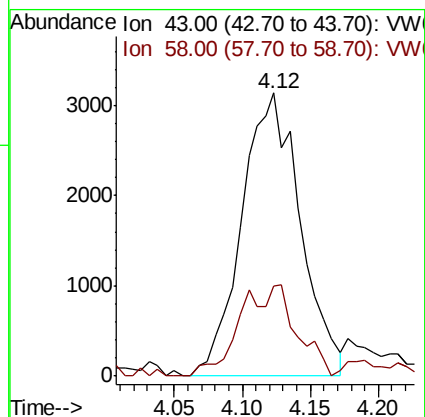
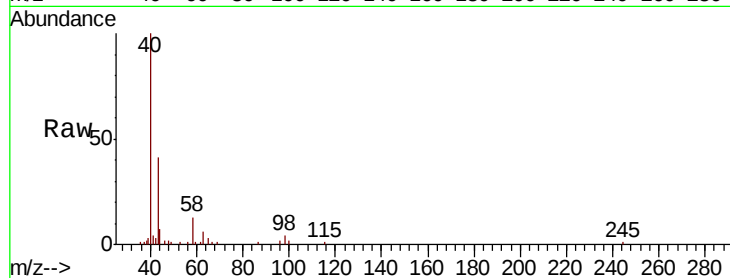
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 9456

Ion Ratio Lower Upper

43 100 0.0 56.2

58 18.1 0.0 56.2



#14

Carbon disulfide

Concen: 0.263 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009448.D

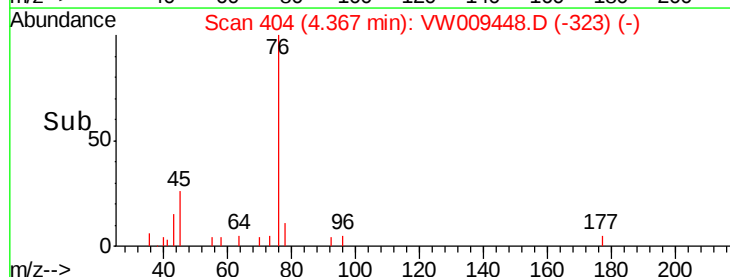
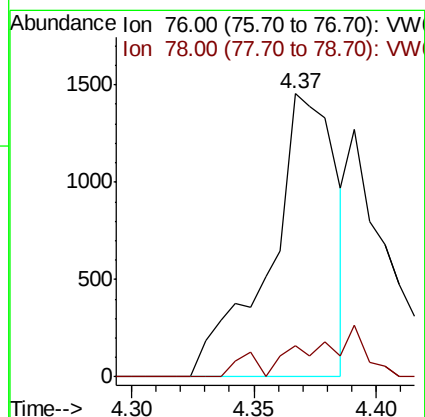
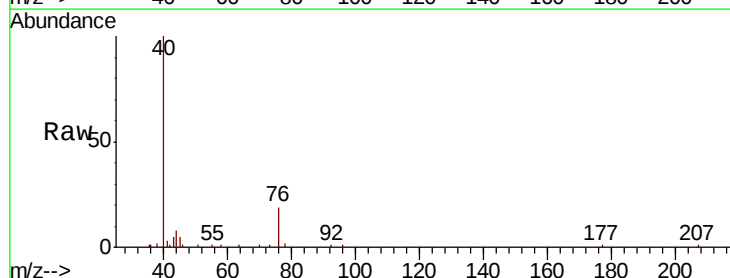
Acq: 26 Mar 2019 00:51

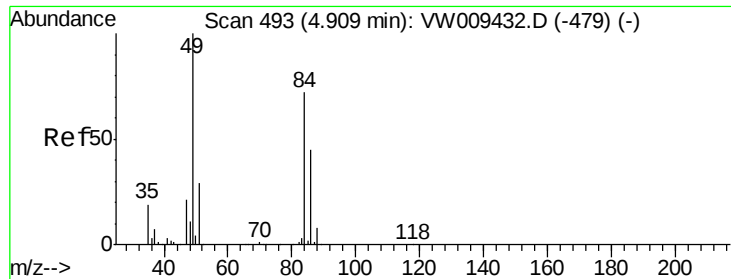
Tgt Ion: 76 Resp: 2749

Ion Ratio Lower Upper

76 100 7.3 10.9

78 10.9 7.3 10.9

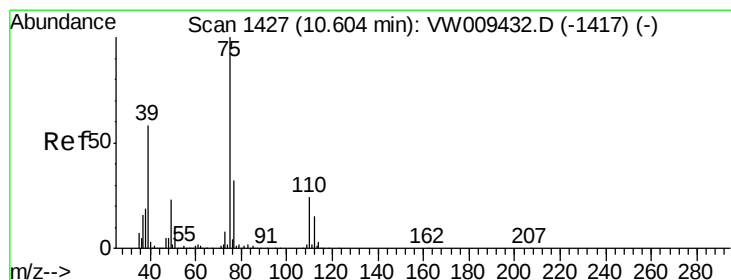
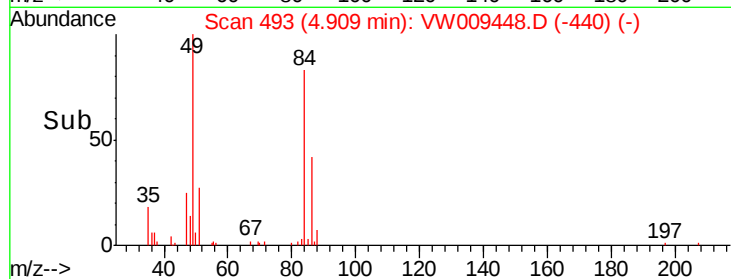
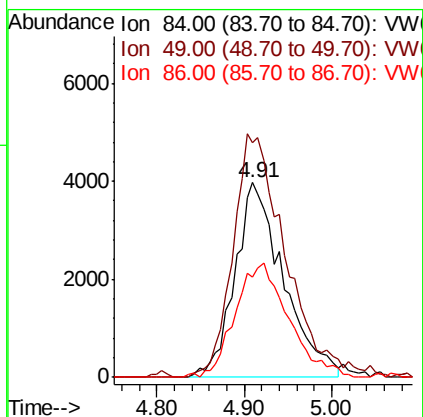
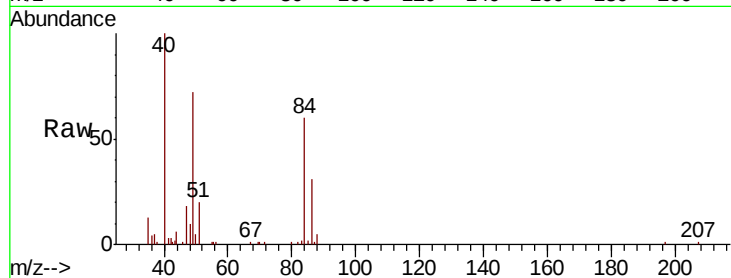




#16
Methylene chloride
Concen: 3.338 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009448.D
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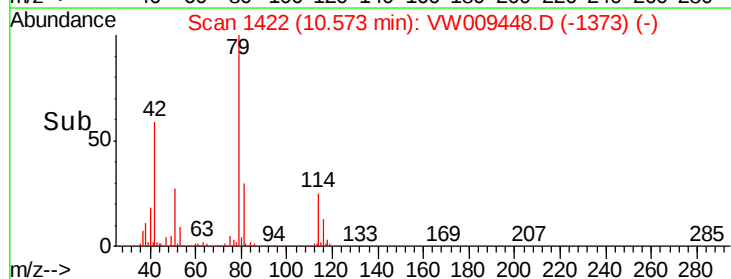
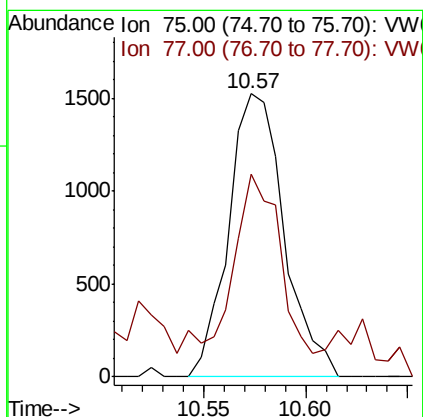
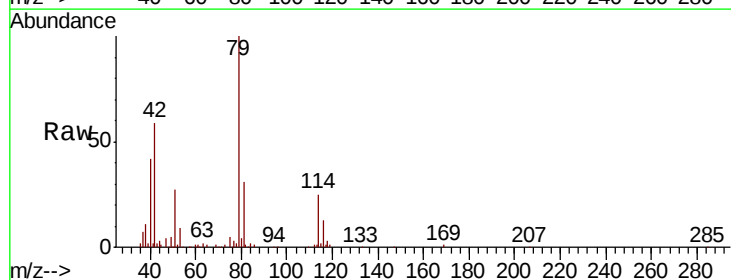
Instrument :
MSVOA_W
ClientSampleId :

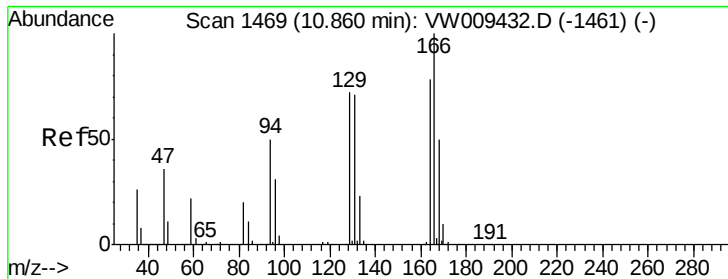
Tot Ion: 84 Resp: 15373
Ion Ratio Lower Upper
84 100
49 120.9 96.0 178.2
86 51.2 44.4 82.5



#45
trans-1,3-Dichloropropene
Concen: 0.439 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW009448.D
Acq: 26 Mar 2019 00:51

Tgt Ion: 75 Resp: 2883
Ion Ratio Lower Upper
75 100
77 71.4 22.5 41.7#





#47

Tetrachloroethene

Concen: 0.294 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009448.D

Acq: 26 Mar 2019 00:51

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 1195

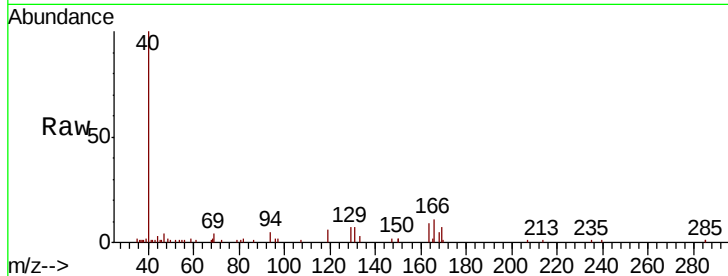
Ion Ratio Lower Upper

164 100

129 76.3 66.5 123.5

131 72.4 62.6 116.3

166 122.8 91.6 170.0

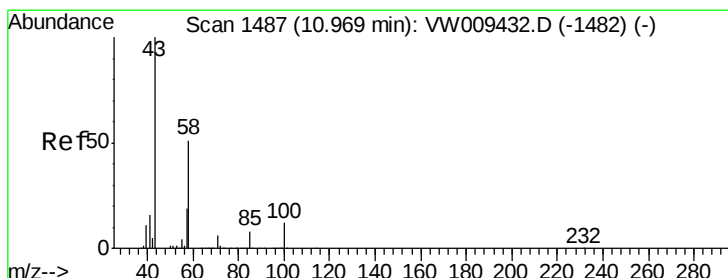
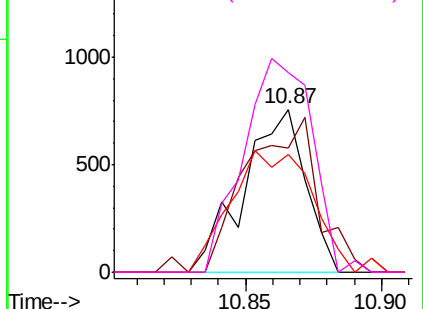
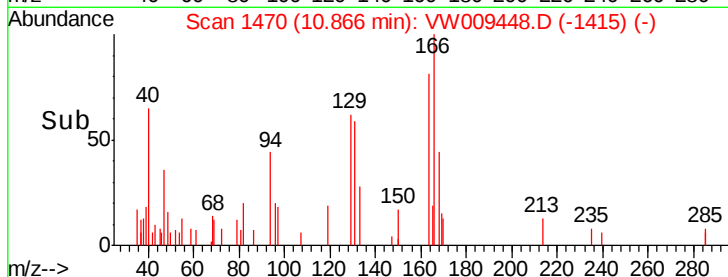


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 4.161 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009448.D

Acq: 26 Mar 2019 00:51

Tgt Ion: 43 Resp: 12302

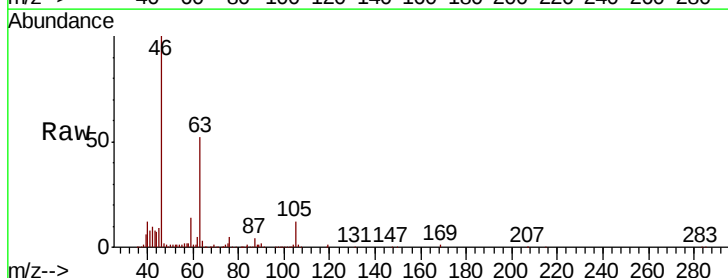
Ion Ratio Lower Upper

43 100

58 26.8 39.2 58.8#

57 27.8 14.2 21.2#

100 1.5 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

