

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009888.D
 Acq On : 10 Apr 2019 19:16
 Operator : SY/VA
 Sample : K2340-11
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF176

Quant Time: Apr 11 03:47:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	432271	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	415213	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185878	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	108332	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.60%
7) Chloroethane-d5	2.89	69	103798	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.12%
10) 1,1-Dichloroethene-d2	4.02	63	229331	18.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.40%
20) 2-Butanone-d5	7.07	46	134036	72.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.96%#
24) Chloroform-d	7.65	84	312331	26.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.92%
26) 1,2-Dichloroethane-d4	8.31	65	212115	29.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.16%
29) Benzene-d6	8.27	84	557705	25.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.36%
33) 1,2-Dichloropropane-d6	9.27	67	183190	27.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.84%
37) Toluene-d8	10.32	98	480512	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
38) trans-1,3-Dichloropropene-	10.58	79	78393	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.64%
39) 2-Hexanone-d5	10.93	63	93404	73.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.22%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	191633	30.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.48%#
61) 1,2-Dichlorobenzene-d4	13.86	152	188883	28.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.84%

Target Compounds

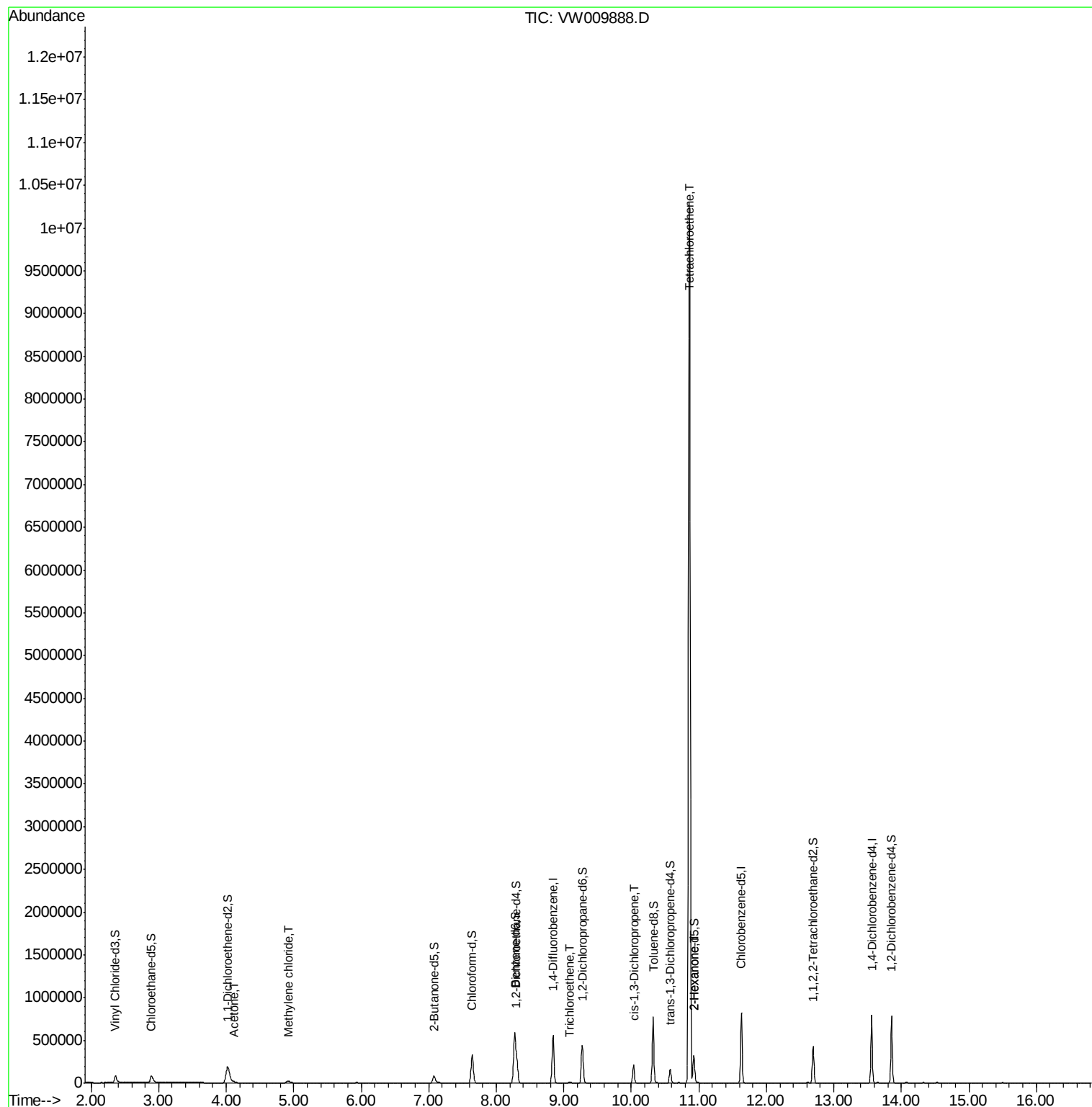
					Qvalue
13) Acetone	4.12	43	12455	6.329 ug/L	84
16) Methylene chloride	4.92	84	19449	2.551 ug/L	97
35) Trichloroethene	9.09	95	4838	0.740 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	6086	0.614 ug/L #	78
47) Tetrachloroethene	10.86	164	2122974	412.304 ug/L	98
49) 2-Hexanone	10.93	43	15023	4.062 ug/L #	80

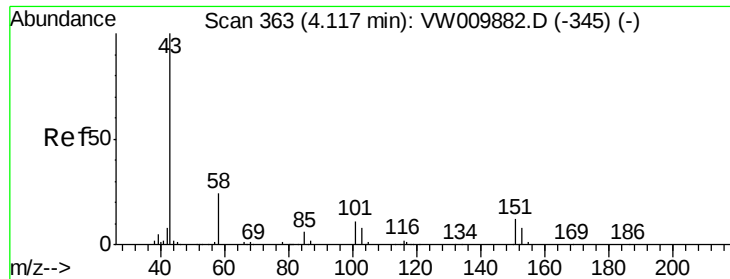
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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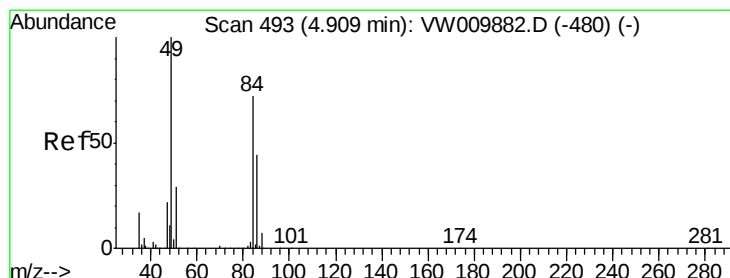
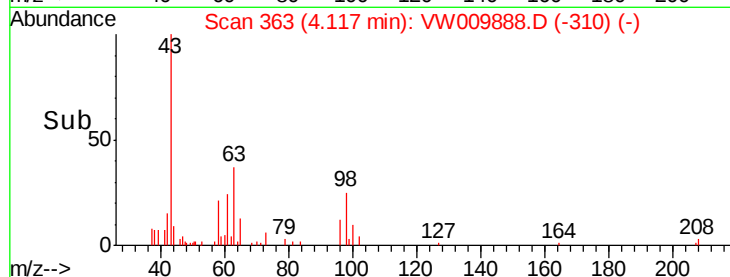
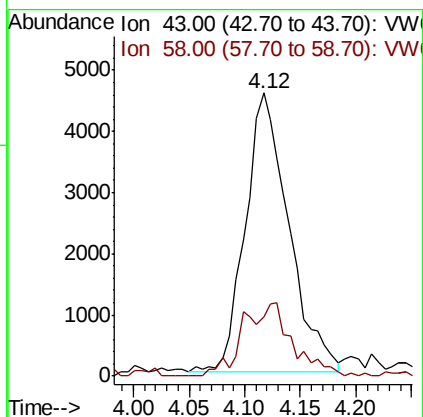
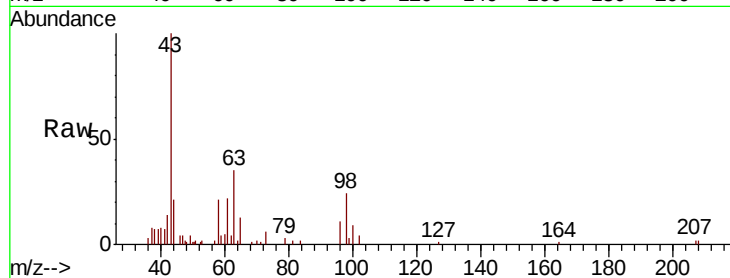




#13
Acetone
Concen: 6.329 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009888.D
Acq: 10 Apr 2019 19:16

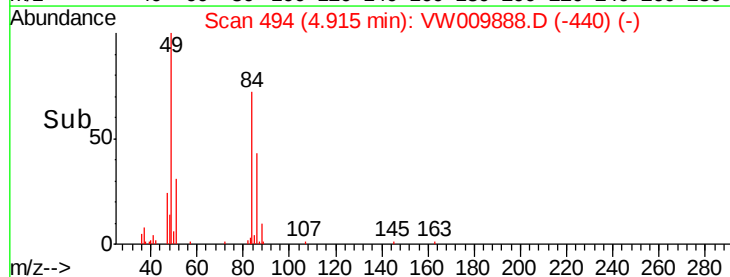
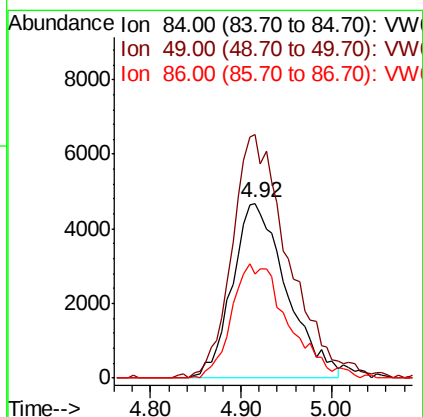
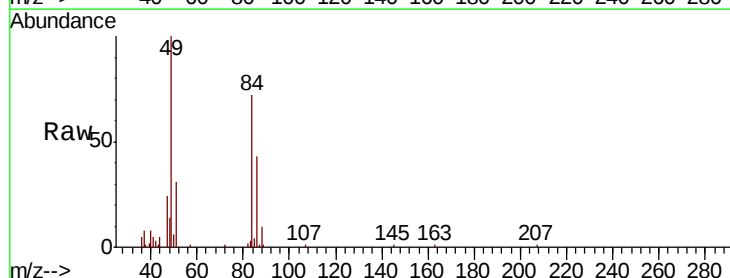
Instrument :
MSVOA_W
ClientSampleId :
BF176

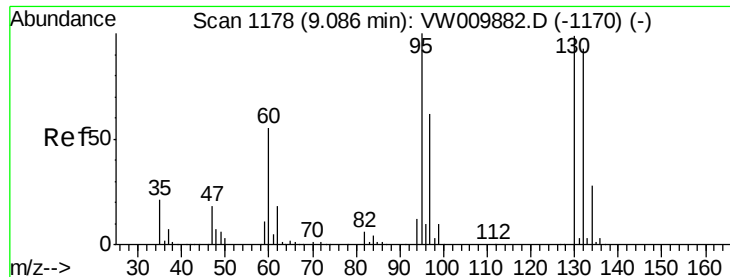
Tgt Ion: 43 Resp: 12455
Ion Ratio Lower Upper
43 100
58 18.4 0.0 53.0



#16
Methylene chloride
Concen: 2.551 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009888.D
Acq: 10 Apr 2019 19:16

Tgt Ion: 84 Resp: 19449
Ion Ratio Lower Upper
84 100
49 139.1 98.3 182.5
86 59.6 46.4 86.2





#35

Trichloroethene

Concen: 0.740 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009888.D

Acq: 10 Apr 2019 19:16

Instrument :

MSVOA_W

ClientSampled :

BF176

Tgt Ion: 95 Resp: 4838

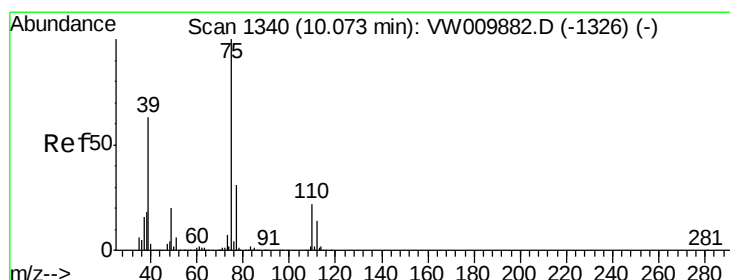
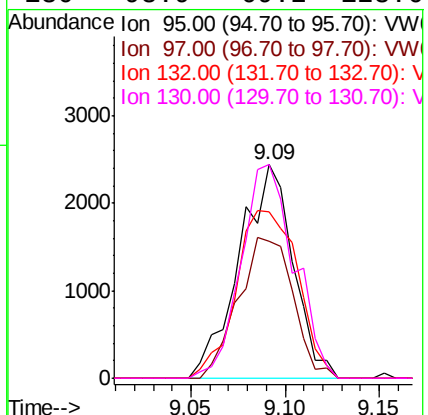
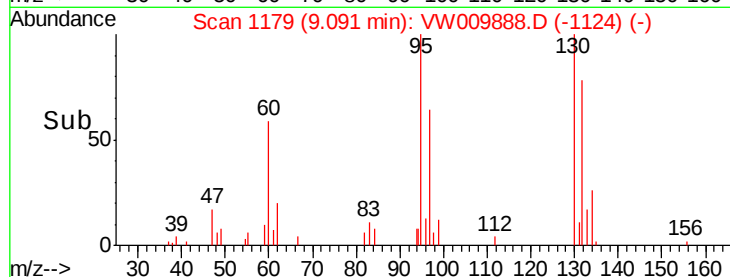
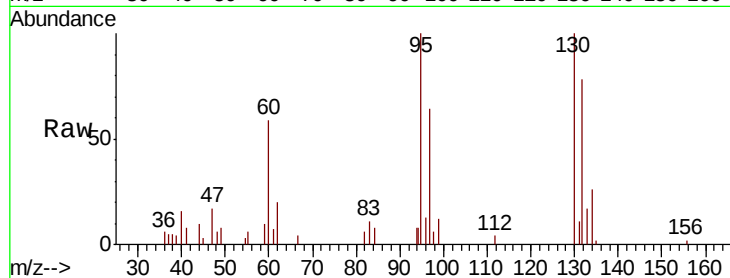
Ion Ratio Lower Upper

95 100

97 67.0 44.9 83.5

132 89.5 67.1 124.7

130 98.9 69.2 128.6



#42

cis-1,3-Dichloropropene

Concen: 0.614 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009888.D

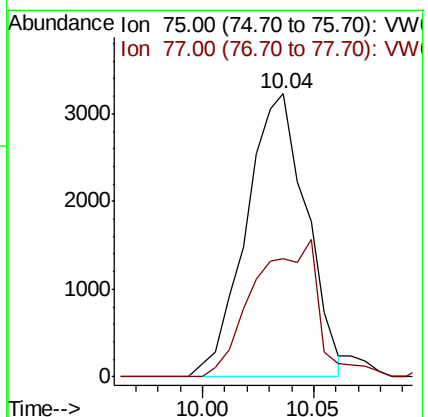
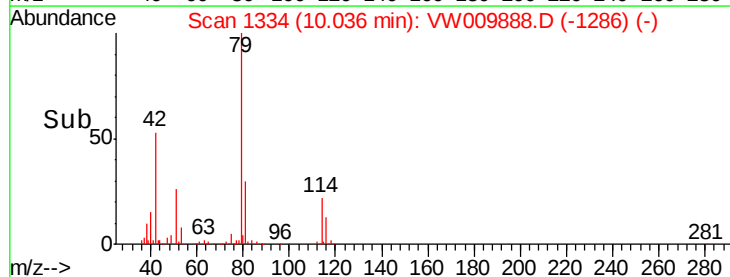
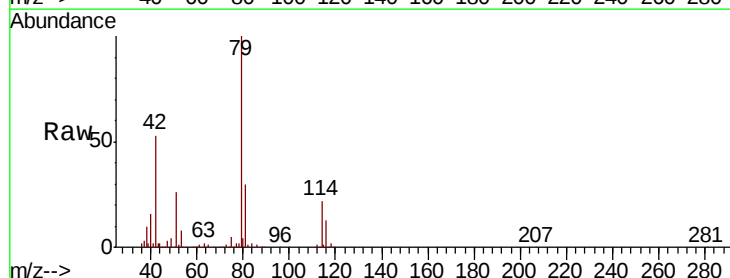
Acq: 10 Apr 2019 19:16

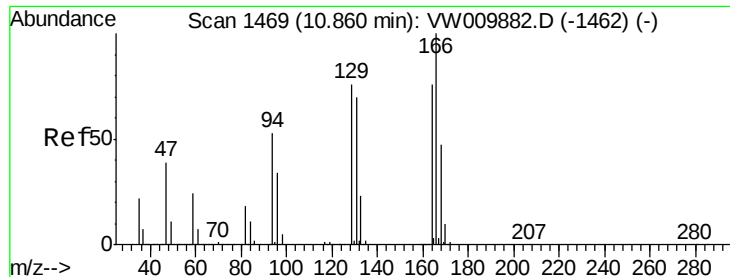
Tgt Ion: 75 Resp: 6086

Ion Ratio Lower Upper

75 100

77 41.8 21.0 39.0#





#47

Tetrachloroethene

Concen: 412.304 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009888.D

Acq: 10 Apr 2019 19:16

Instrument :

MSVOA_W

ClientSampled :

BF176

Tgt Ion:164 Resp: 2122974

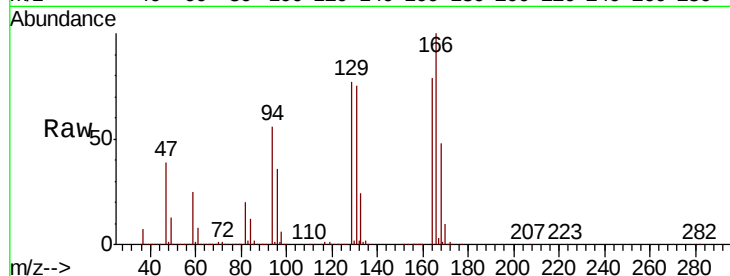
Ion Ratio Lower Upper

164 100

129 97.4 68.9 127.9

131 93.8 63.1 117.1

166 125.8 88.5 164.4

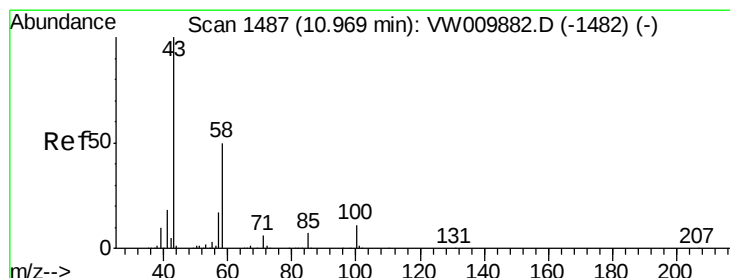
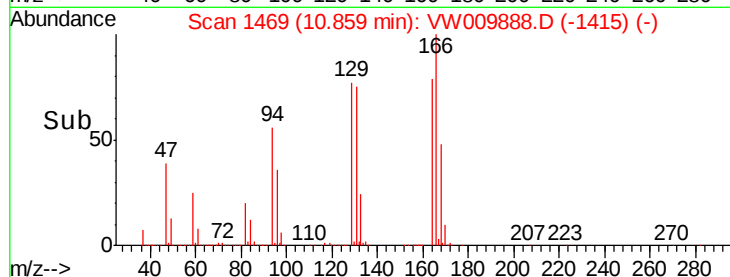
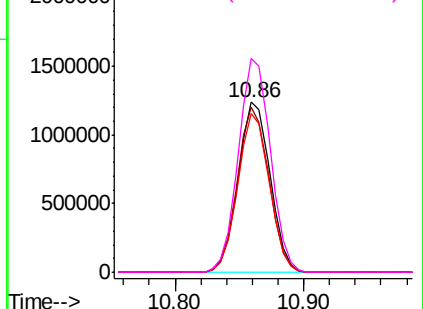


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.062 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009888.D

Acq: 10 Apr 2019 19:16

Tgt Ion: 43 Resp: 15023

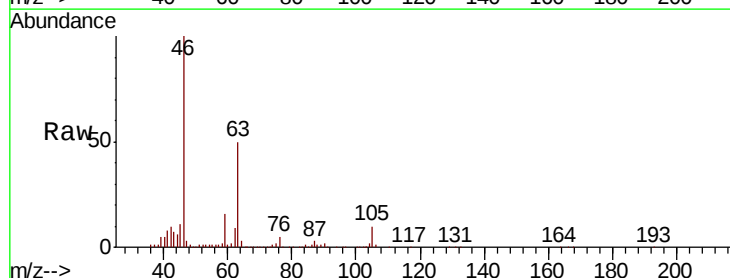
Ion Ratio Lower Upper

43 100

58 34.1 38.9 58.3#

57 12.8 13.8 20.6#

100 0.5 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 58.00 (57.70 to 58.70): VV

Ion 57.00 (56.70 to 57.70): VV

Ion 100.00 (99.70 to 100.70): VV

