

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009896.D
 Acq On : 10 Apr 2019 22:54
 Operator : SY/VA
 Sample : K2340-21
 Misc : 5.77G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2S7

Quant Time: Apr 11 03:49:15 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	473897	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	457769	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196128	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116161	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
7) Chloroethane-d5	2.89	69	110886	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
10) 1,1-Dichloroethene-d2	4.03	63	311021	23.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.28%
20) 2-Butanone-d5	7.07	46	91330	45.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.72%
24) Chloroform-d	7.65	84	350462	27.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	8.41	65	130	0.02	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	616965	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	9.27	67	198302	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.88%
37) Toluene-d8	10.32	98	533352	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.00%
38) trans-1,3-Dichloropropene-	10.58	79	75662	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.48%
39) 2-Hexanone-d5	10.93	63	62543	44.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158514	22.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	198929	28.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.60%

Target Compounds

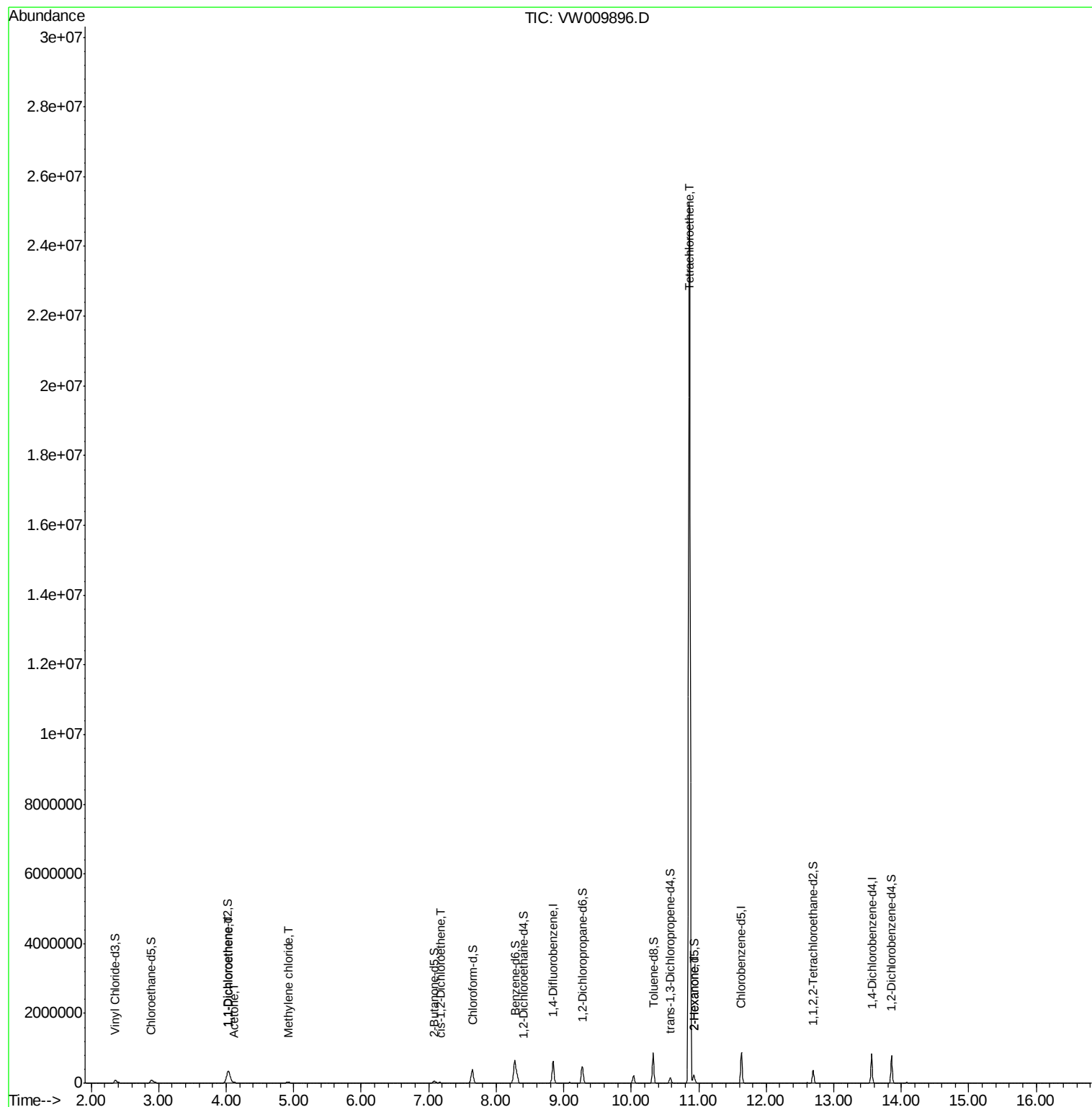
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	142283	22.605	ug/L	96
13) Acetone	4.12	43	8768	4.064	ug/L	80
16) Methylene chloride	4.92	84	18109	2.167	ug/L	78
22) cis-1,2-Dichloroethene	7.17	96	7010	1.001	ug/L	80
47) Tetrachloroethene	10.86	164	4966612	874.898	ug/L	98
49) 2-Hexanone	10.93	43	10986	2.694	ug/L #	81

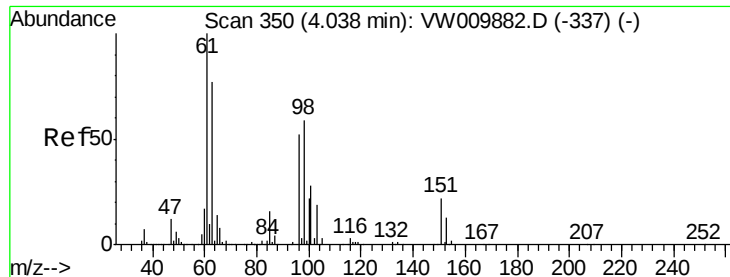
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 03:44:42 2019
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#12

1,1-Dichloroethene

Concen: 22.605 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW009896.D

Acq: 10 Apr 2019 22:54

Instrument :

MSVOA_W

ClientSampleId :

BF2S7

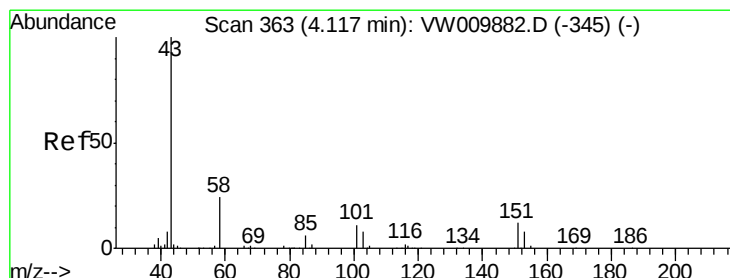
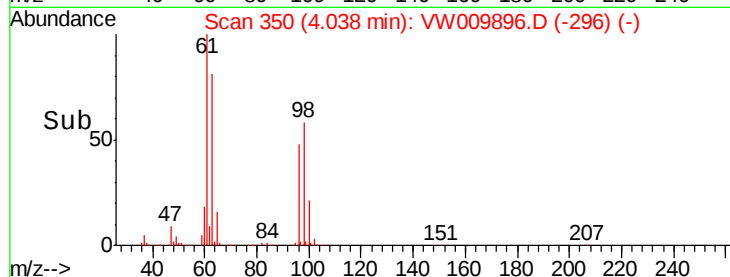
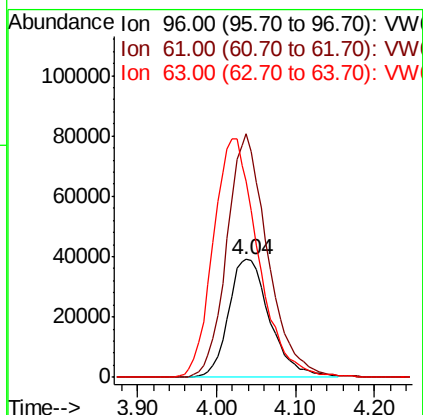
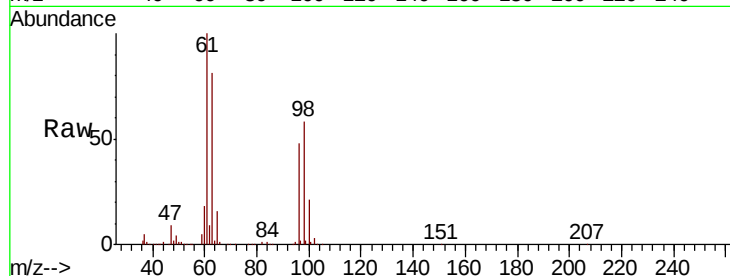
Tgt Ion: 96 Resp: 142283

Ion Ratio Lower Upper

96 100

61 206.7 138.8 257.8

63 166.6 114.6 212.8



#13

Acetone

Concen: 4.064 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009896.D

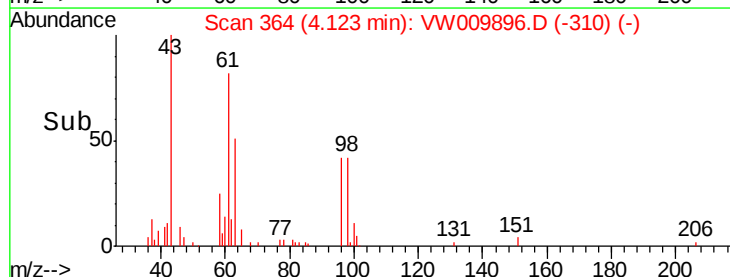
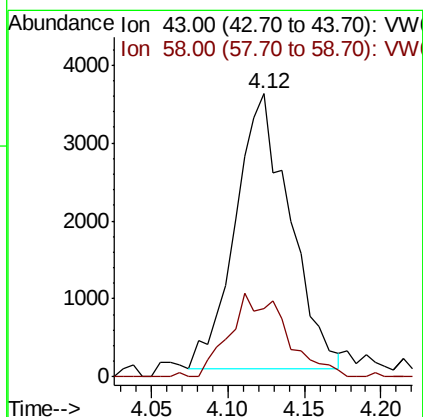
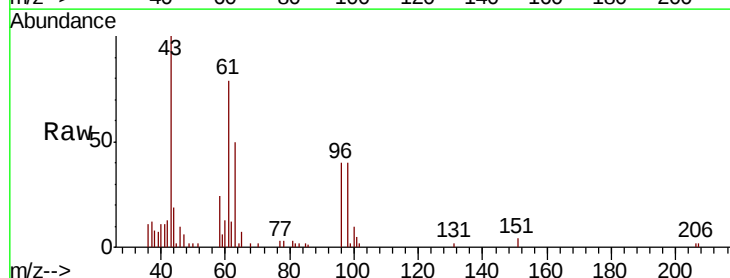
Acq: 10 Apr 2019 22:54

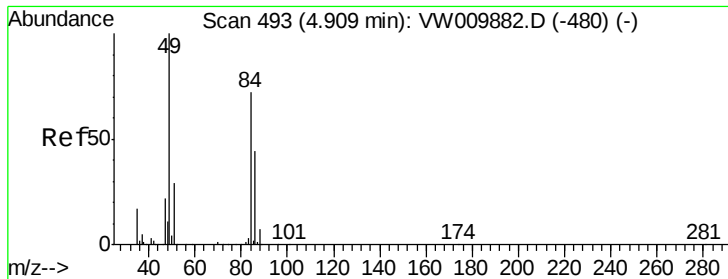
Tgt Ion: 43 Resp: 8768

Ion Ratio Lower Upper

43 100

58 16.5 0.0 53.0

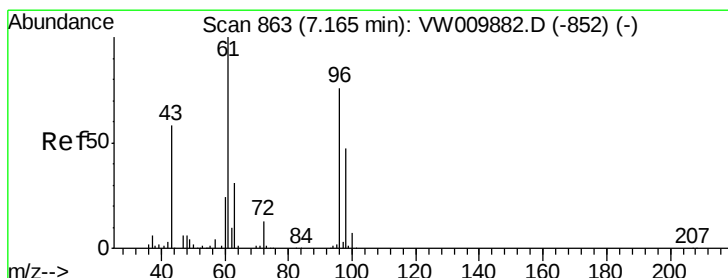
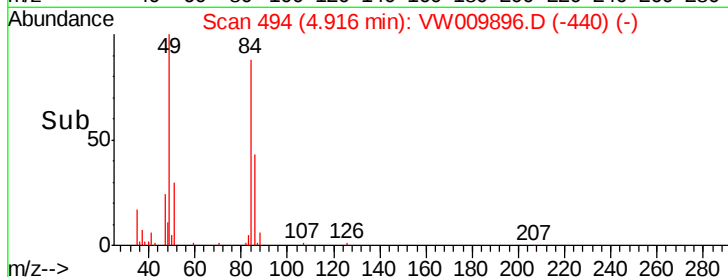
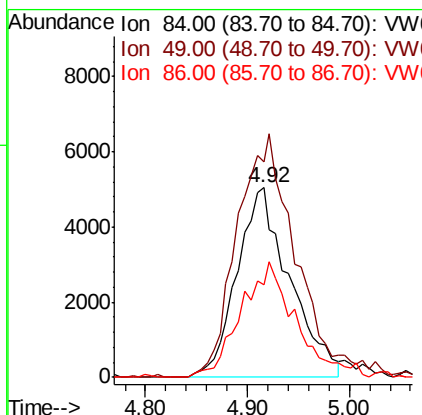
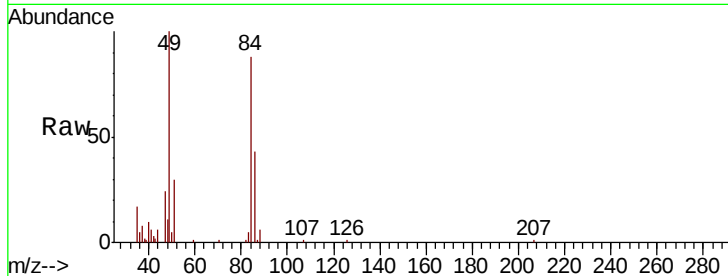




#16
Methylene chloride
Concen: 2.167 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009896.D
Acq: 10 Apr 2019 22:54

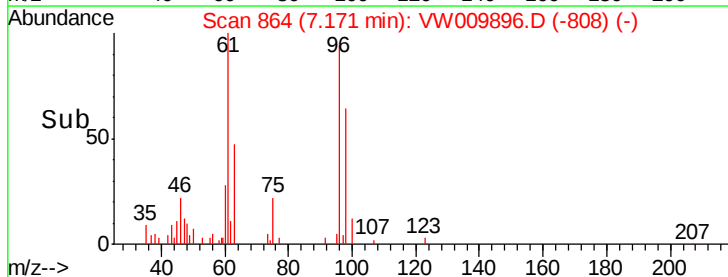
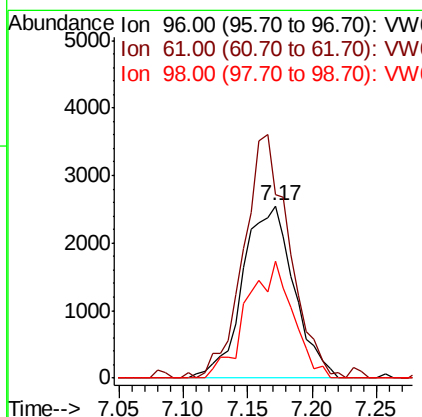
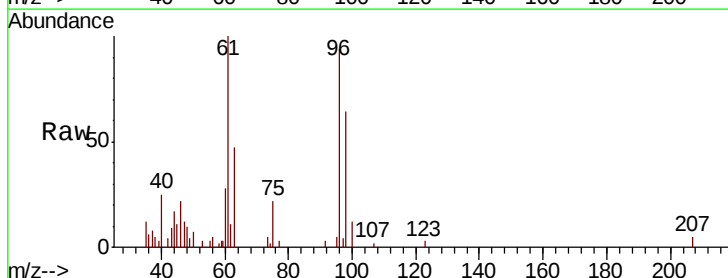
Instrument :
MSVOA_W
ClientSampled :
BF2S7

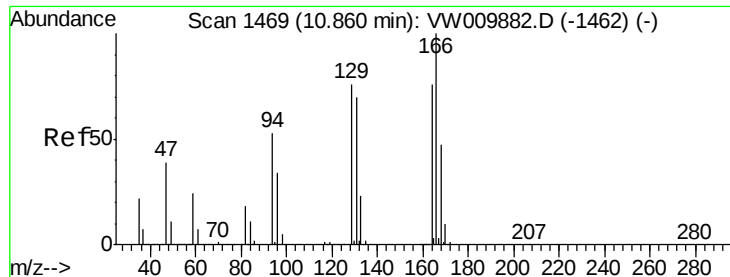
Tgt Ion: 84 Resp: 18109
Ion Ratio Lower Upper
84 100
49 113.7 98.3 182.5
86 49.1 46.4 86.2



#22
cis-1,2-Dichloroethene
Concen: 1.001 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009896.D
Acq: 10 Apr 2019 22:54

Tgt Ion: 96 Resp: 7010
Ion Ratio Lower Upper
96 100
61 106.2 96.8 179.8
98 67.6 43.5 80.9





#47

Tetrachloroethene

Concen: 874.898 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009896.D

Acq: 10 Apr 2019 22:54

Instrument :

MSVOA_W

ClientSampleId :

BF2S7

Tgt Ion:164 Resp: 4966612

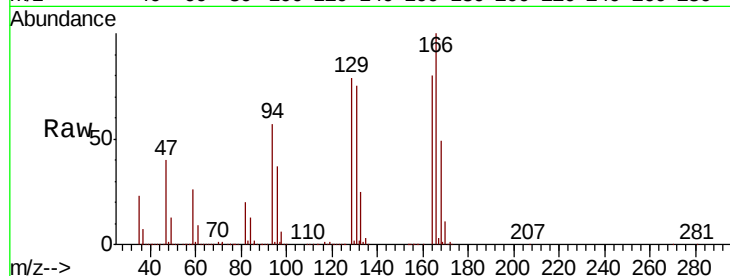
Ion Ratio Lower Upper

164 100

129 98.9 68.9 127.9

131 94.0 63.1 117.1

166 124.9 88.5 164.4

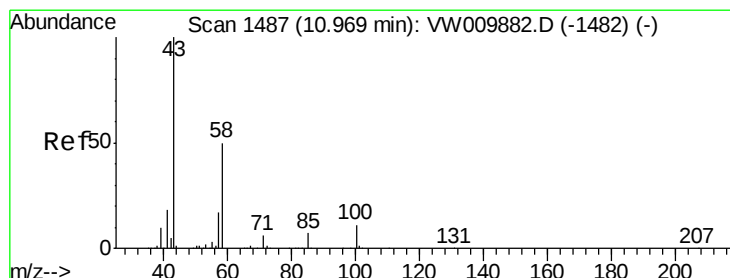
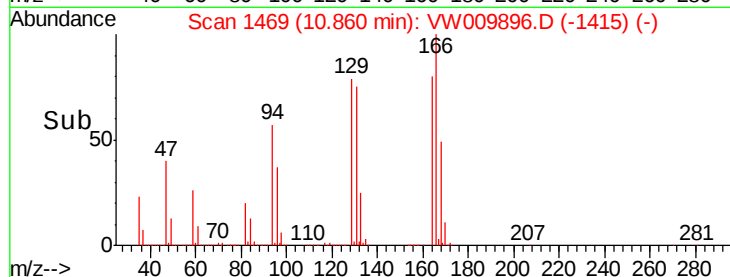
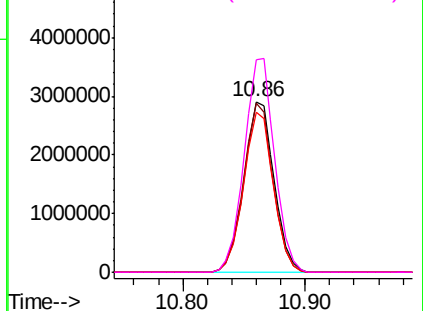


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.694 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009896.D

Acq: 10 Apr 2019 22:54

Tgt Ion: 43 Resp: 10986

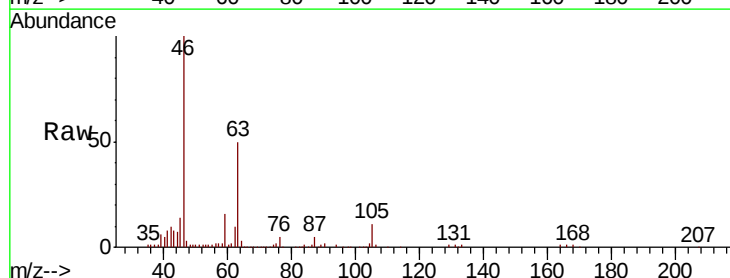
Ion Ratio Lower Upper

43 100

58 39.1 38.9 58.3

57 28.3 13.8 20.6#

100 0.0 8.6 13.0#



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

