

Data File : VW009969.D
Acq On : 13 Apr 2019 17:54
Operator : SY/VA
Sample : K2303-03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF898RE

Quant Time: Apr 13 21:34:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 21:30:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	272596	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	190898	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	36534	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105108	29.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.88%
7) Chloroethane-d5	2.89	69	89820	27.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.92%
10) 1,1-Dichloroethene-d2	4.01	63	181854	23.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.84%
20) 2-Butanone-d5	7.08	46	74313	64.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.32%
24) Chloroform-d	7.64	84	237752	31.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	127.84%
26) 1,2-Dichloroethane-d4	8.30	65	167701	36.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	146.88%#
29) Benzene-d6	8.27	84	422981	42.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	168.84%#
33) 1,2-Dichloropropane-d6	9.27	67	137361	44.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	177.52%#
37) Toluene-d8	10.32	98	294871	31.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	127.28%
38) trans-1,3-Dichloropropene-	10.58	79	38711	26.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.88%
39) 2-Hexanone-d5	10.93	63	34388	58.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100438	34.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.60%#
61) 1,2-Dichlorobenzene-d4	13.86	152	38209	29.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.20%

Target Compounds

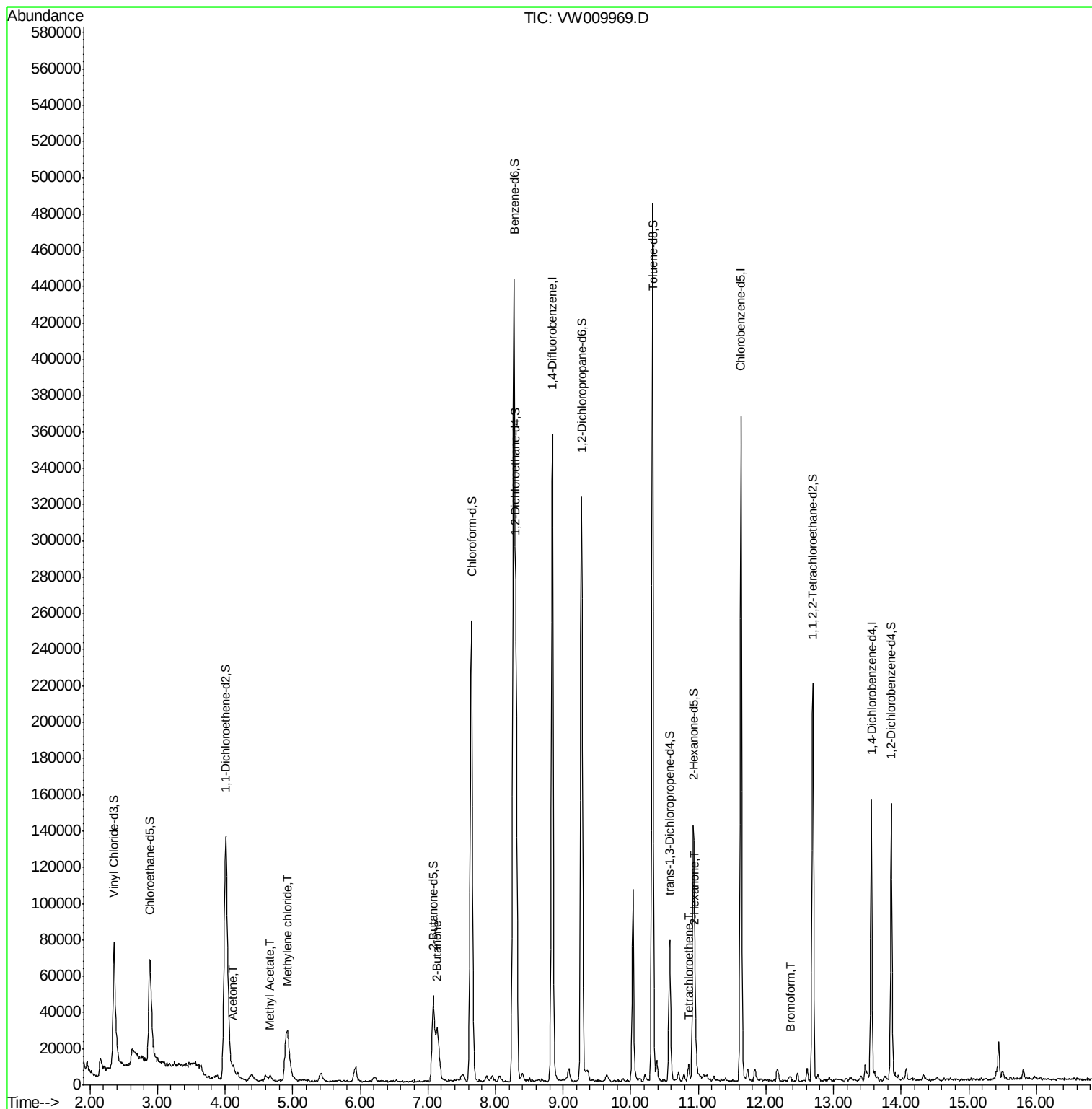
					Qvalue
13) Acetone	4.12	43	4770	3.844 ug/L	83
15) Methyl Acetate	4.67	43	4235	1.872 ug/L	91
16) Methylene chloride	4.92	84	28015	5.827 ug/L	84
21) 2-Butanone	7.13	43	43220	27.385 ug/L	# 53
47) Tetrachloroethene	10.86	164	1621	0.685 ug/L	82
49) 2-Hexanone	10.96	43	26043	15.315 ug/L	# 42
62) Bromoform	12.35	173	598	0.931 ug/L	# 89

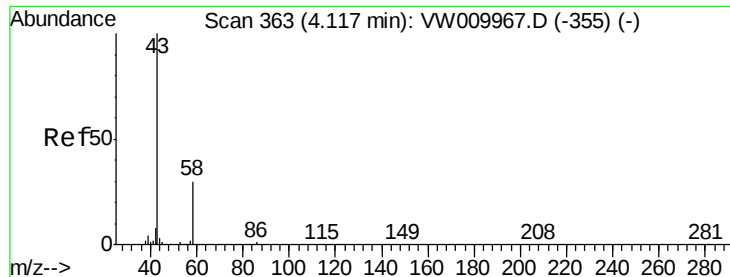
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.844 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 13 Apr 2019 17:54

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MSVOA_W

ClientSampleId :

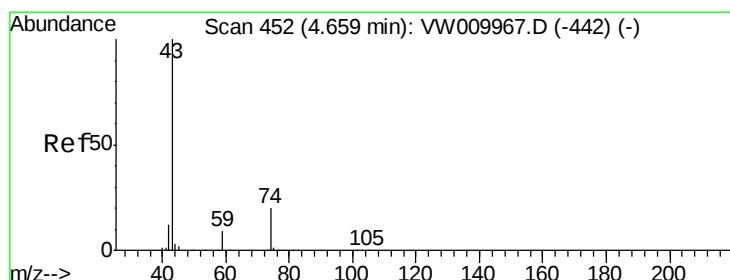
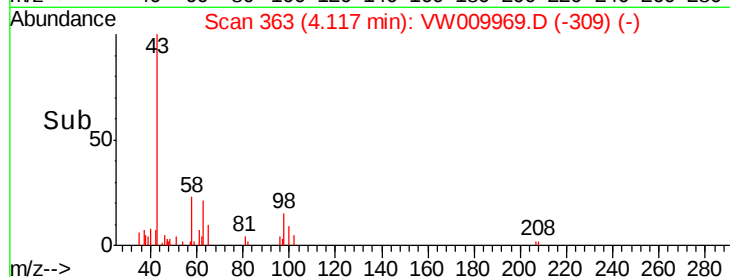
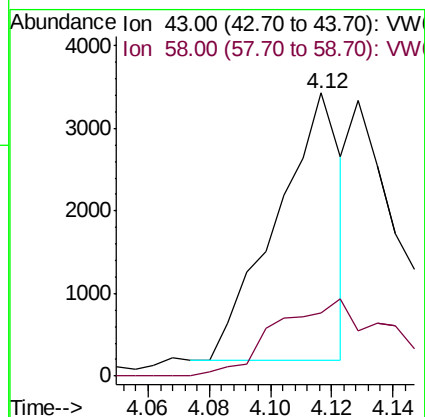
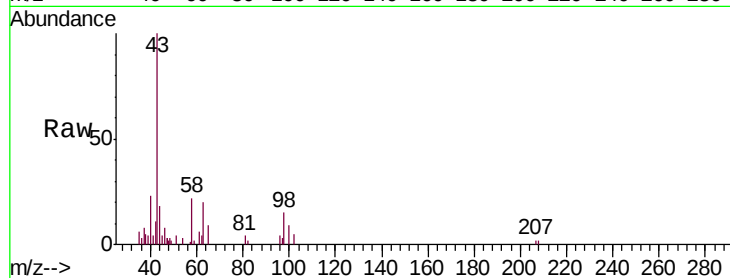
BF898RE

Tgt Ion: 43 Resp: 4770

Ion Ratio Lower Upper

43 100

58 35.2 0.0 53.0



#15

Methyl Acetate

Concen: 1.872 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW009969.D

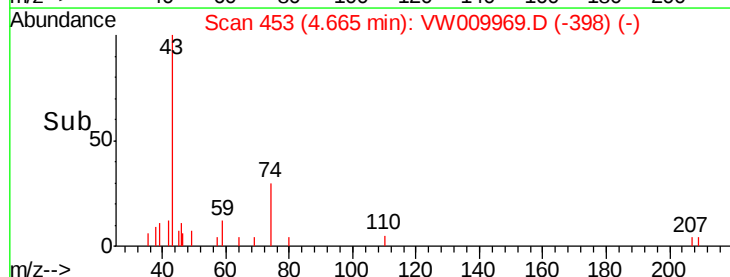
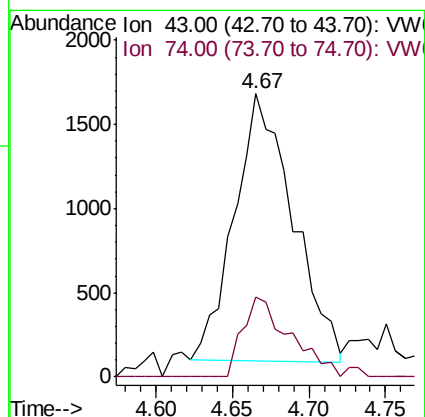
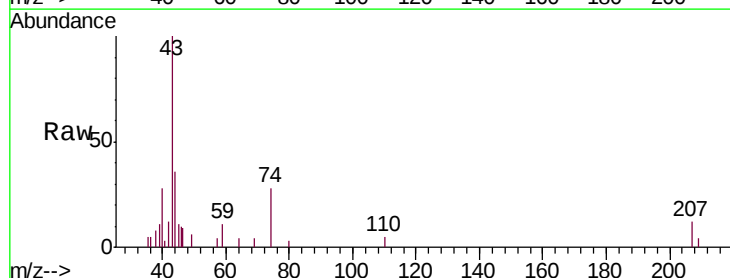
Acq: 13 Apr 2019 17:54

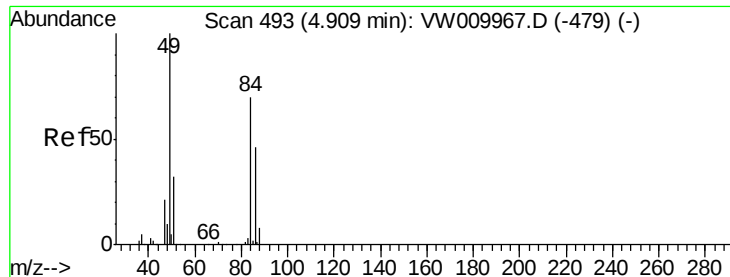
Tgt Ion: 43 Resp: 4235

Ion Ratio Lower Upper

43 100

74 17.4 17.2 25.8

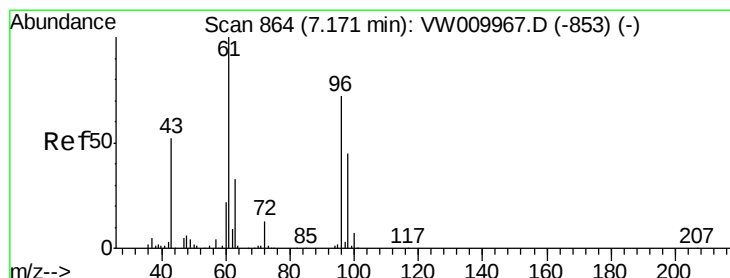
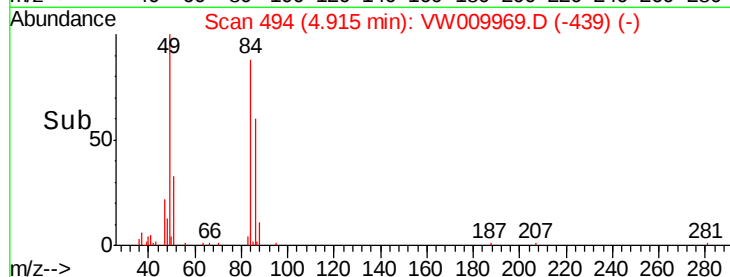
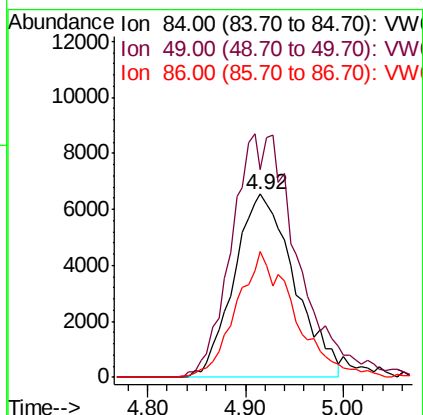
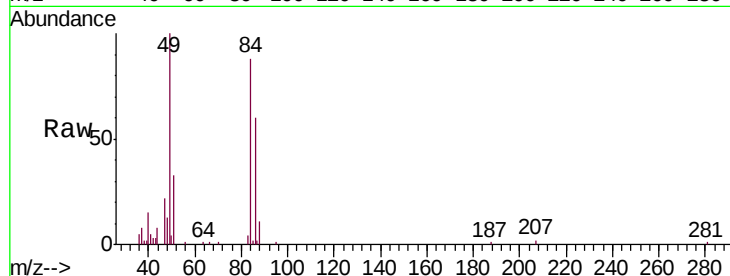




#16
Methylene chloride
Concen: 5.827 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009969.D
Acq: 13 Apr 2019 17:54

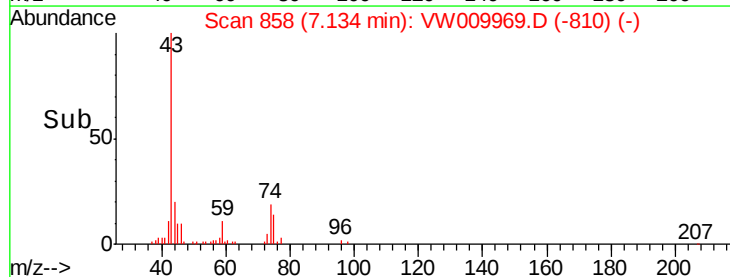
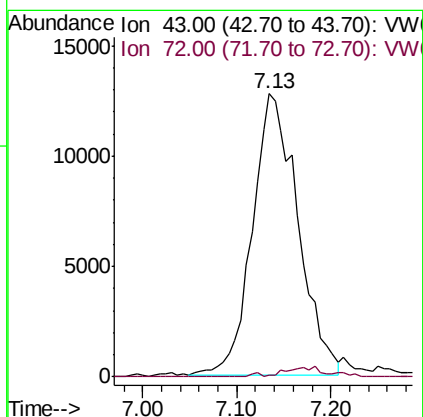
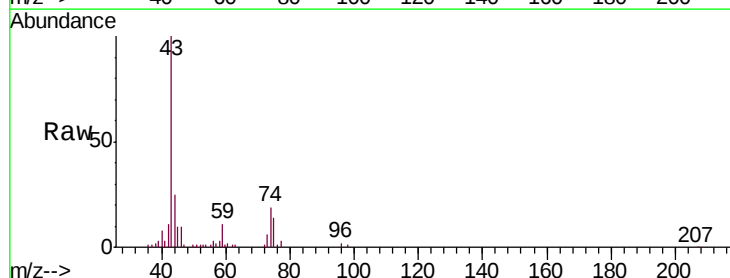
Instrument :
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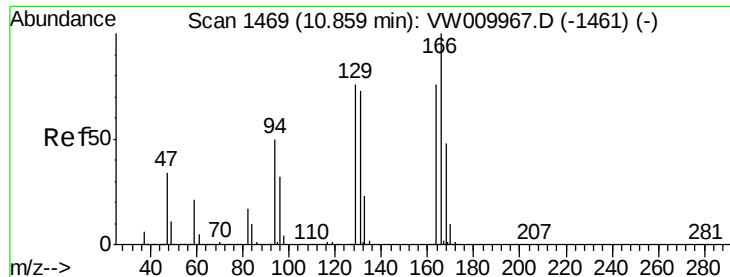
Tgt Ion: 84 Resp: 28015
Ion Ratio Lower Upper
84 100
49 113.3 98.3 182.5
86 68.5 46.4 86.2



#21
2-Butanone
Concen: 27.385 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW009969.D
Acq: 13 Apr 2019 17:54

Tgt Ion: 43 Resp: 43220
Ion Ratio Lower Upper
43 100
72 0.6 12.0 36.1#





#47

Tetrachloroethene

Concen: 0.685 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009969.D

Acq: 13 Apr 2019 17:54

Instrument :

MSVOA_W

ClientSampleId :

BF898RE

Tgt Ion: 164 Resp: 1621

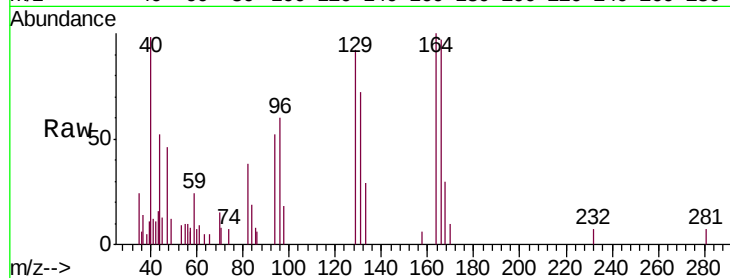
Ion Ratio Lower Upper

164 100

129 92.3 68.9 127.9

131 72.5 63.1 117.1

166 96.9 88.5 164.4

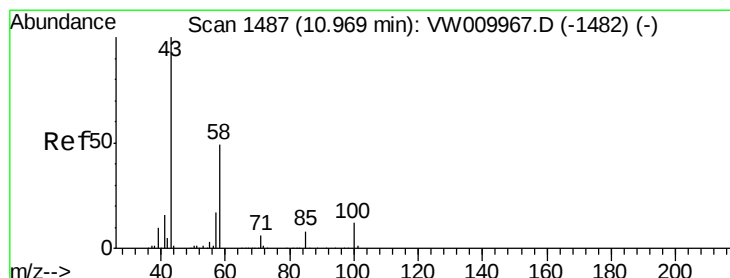
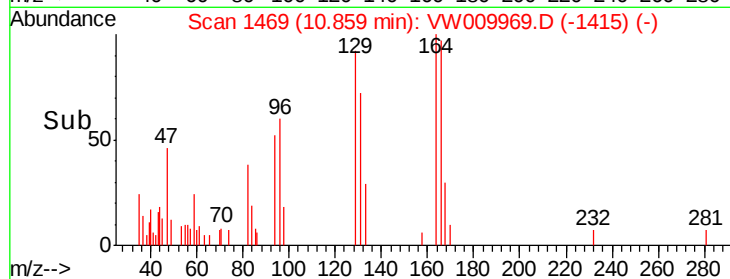
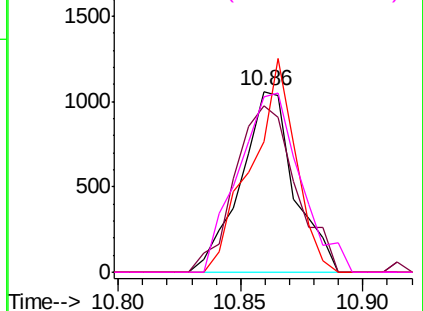


Abundance Ion 164.00 (163.70 to 164.70): V

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: 15.315 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009969.D

Acq: 13 Apr 2019 17:54

Tgt Ion: 43 Resp: 26043

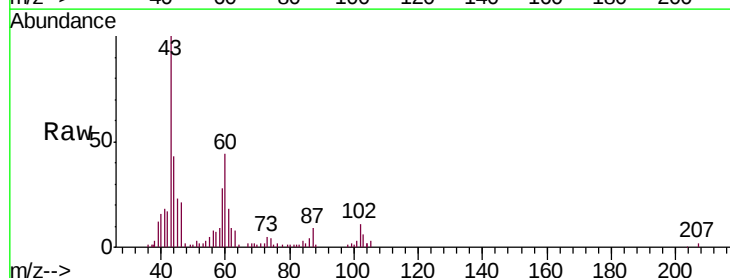
Ion Ratio Lower Upper

43 100

58 0.0 38.9 58.3#

57 0.0 13.8 20.6#

100 0.7 8.6 13.0#

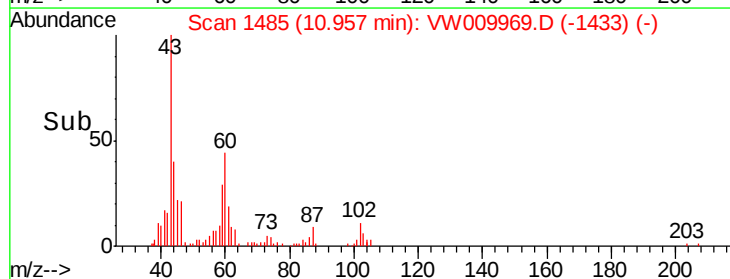
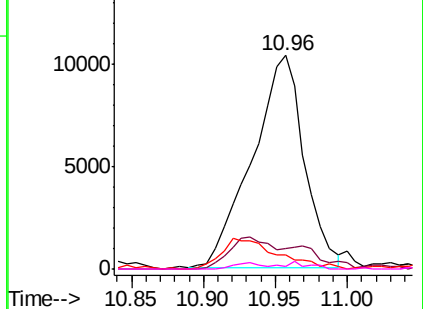


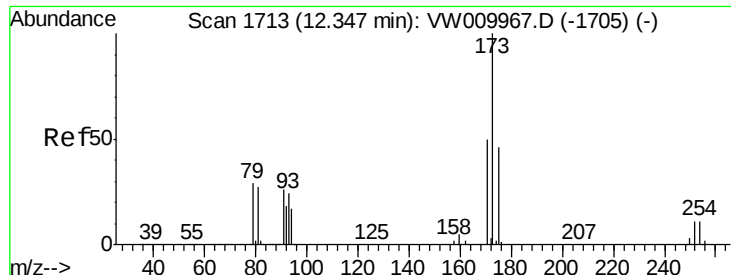
Abundance Ion 43.00 (42.70 to 43.70): VW

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

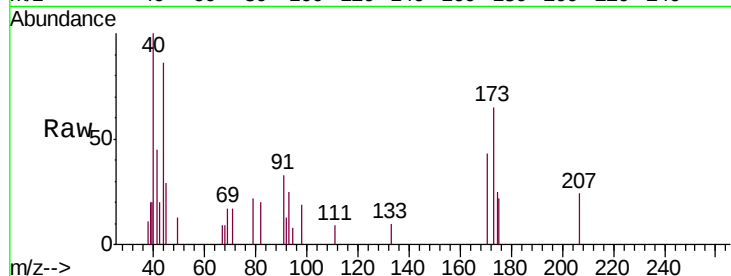




#62
 Bromoform
 Concen: 0.931 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: VW009969.D
 Acq: 13 Apr 2019 17:54

Instrument :
 MSVOA_W
 ClientSampleId :
 BF898RE

Tgt Ion:173 Resp: 598
 Ion Ratio Lower Upper
 173 100
 175 44.0 39.4 59.2
 254 0.0 8.5 12.7#



Abundance Ion 173.00 (172.70 to 173.70): V
 Ion 175.00 (174.70 to 175.70): V
 Ion 254.00 (253.70 to 254.70): V

