

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009846.D
 Acq On : 09 Apr 2019 19:34
 Operator : SY/VA
 Sample : K2218-11
 Misc : 5.33G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF612RE

Quant Time: Apr 10 04:45:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	460944	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	398338	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129081	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119147	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.00%
7) Chloroethane-d5	2.90	69	109664	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.36%
10) 1,1-Dichloroethene-d2	4.01	63	217115	16.74	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.96%
20) 2-Butanone-d5	7.08	46	77083	39.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.72%
24) Chloroform-d	7.65	84	305397	24.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.12%
26) 1,2-Dichloroethane-d4	8.31	65	188413	24.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.60%
29) Benzene-d6	8.27	84	544395	26.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.12%
33) 1,2-Dichloropropane-d6	9.27	67	174018	26.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.76%
37) Toluene-d8	10.32	98	452683	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.64%
38) trans-1,3-Dichloropropene-	10.58	79	61529	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.88%
39) 2-Hexanone-d5	10.93	63	46513	38.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132079	22.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	108067	23.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.44%

Target Compounds

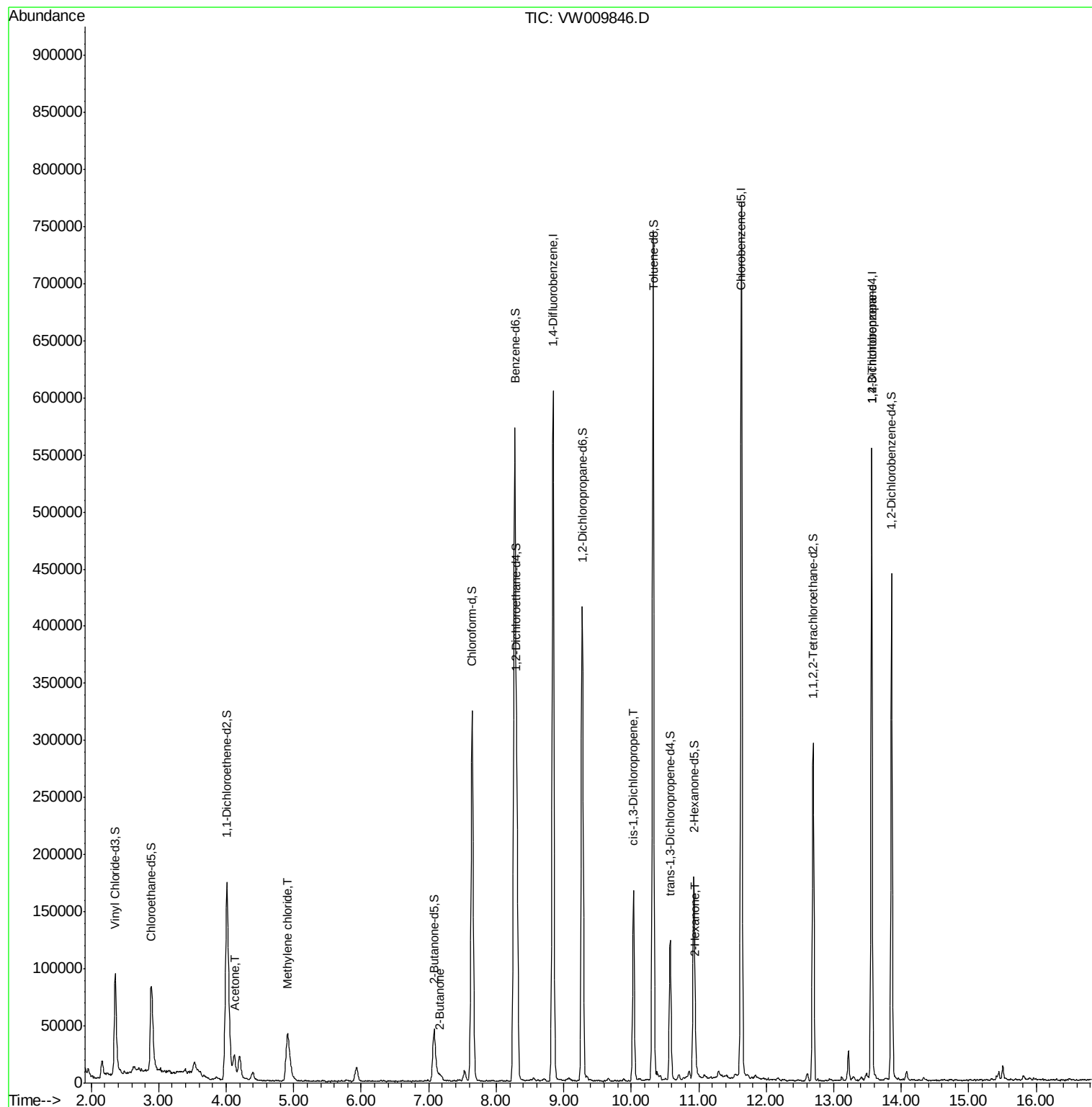
					Qvalue
13) Acetone	4.12	43	34923	16.643 ug/L	98
16) Methylene chloride	4.90	84	37715	4.639 ug/L	84
21) 2-Butanone	7.17	43	10604	3.973 ug/L #	71
42) cis-1,3-Dichloropropene	10.03	75	4900	0.516 ug/L	88
49) 2-Hexanone	10.95	43	6719	1.894 ug/L #	42
59) 1,2,3-Trichloropropane	13.56	75	18231	3.955 ug/L	92

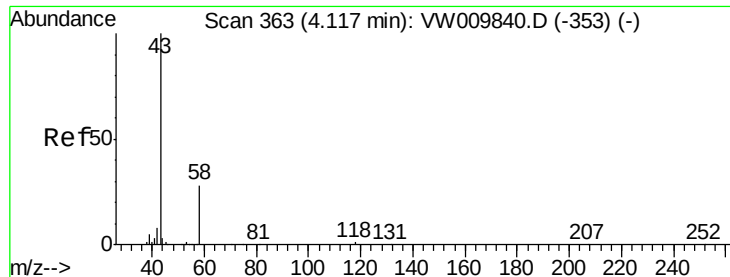
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.643 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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ClientSampleId :

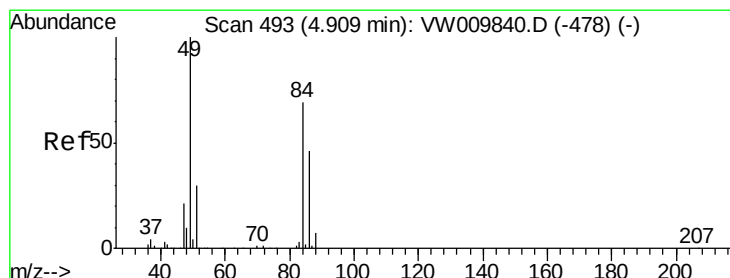
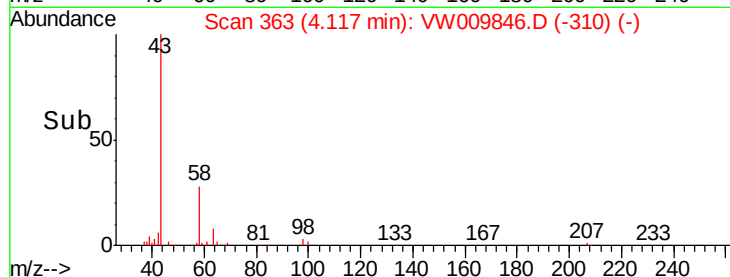
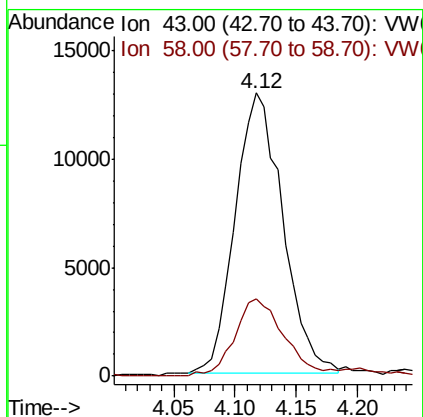
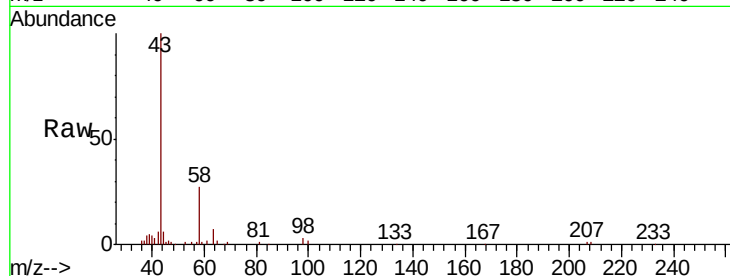
BF612RE

Tgt Ion: 43 Resp: 34923

Ion Ratio Lower Upper

43 100

58 27.4 0.0 53.0



#16

Methylene chloride

Concen: 4.639 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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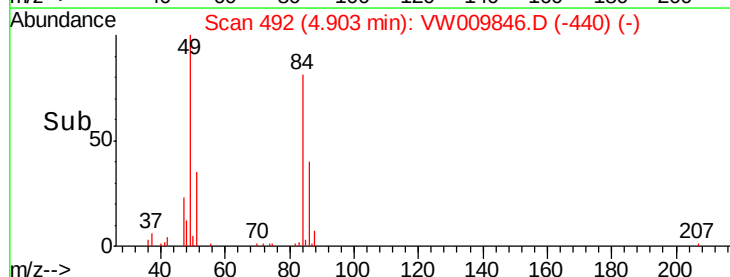
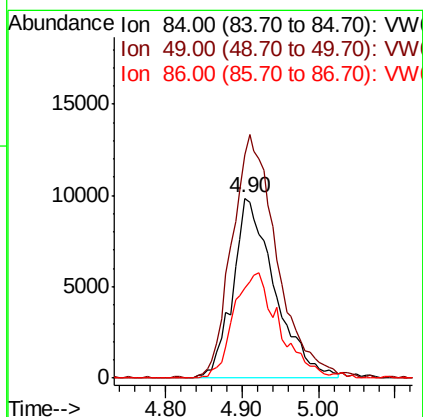
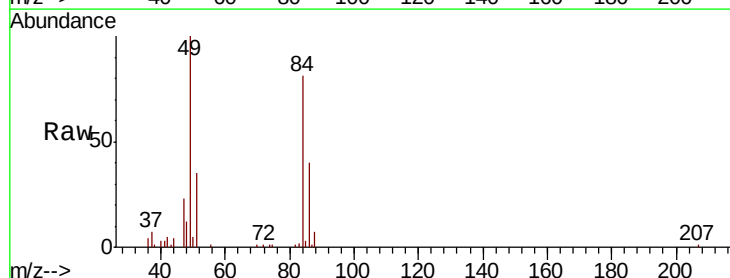
Tgt Ion: 84 Resp: 37715

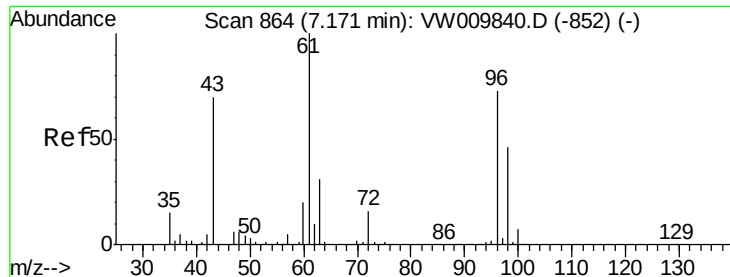
Ion Ratio Lower Upper

84 100

49 124.0 98.3 182.5

86 49.7 46.4 86.2





#21

2-Butanone

Concen: 3.973 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

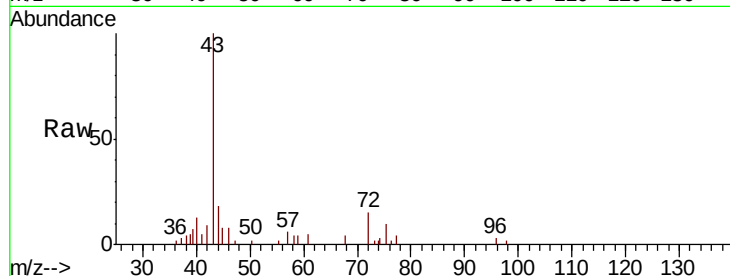
BF612RE

Tgt Ion: 43 Resp: 10604

Ion Ratio Lower Upper

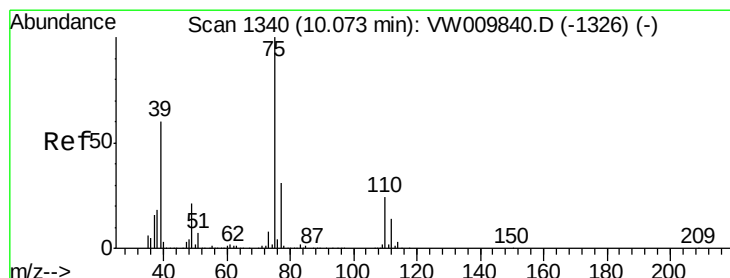
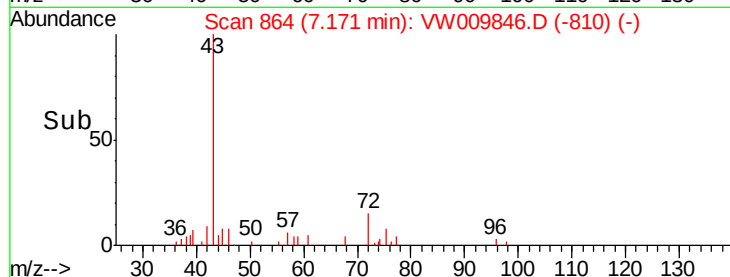
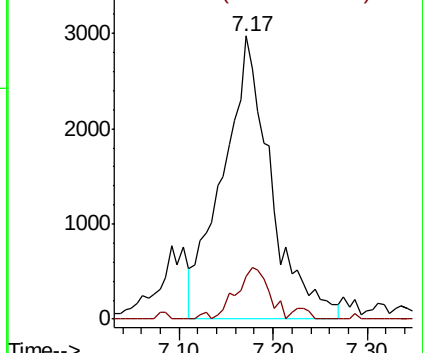
43 100

72 9.8 12.0 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.516 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009846.D

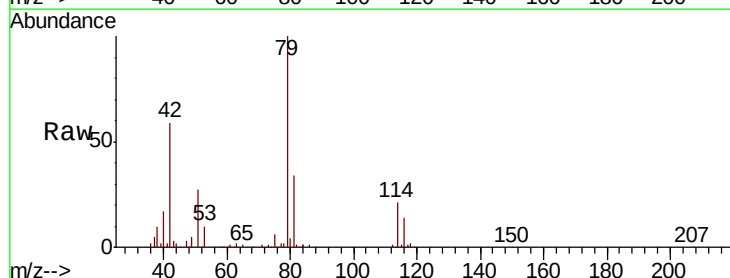
Acq: 09 Apr 2019 19:34

Tgt Ion: 75 Resp: 4900

Ion Ratio Lower Upper

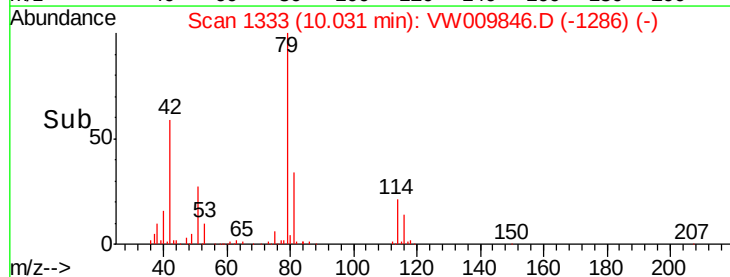
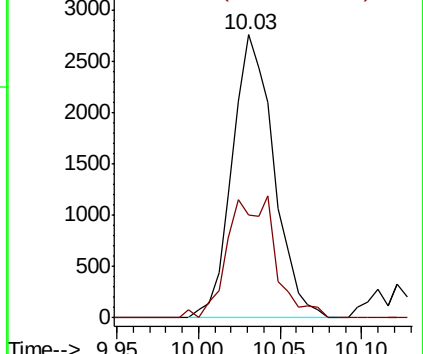
75 100

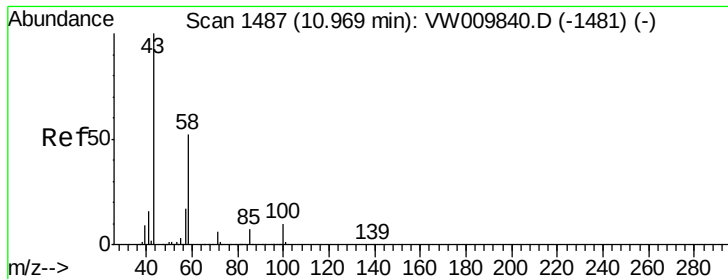
77 36.2 21.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

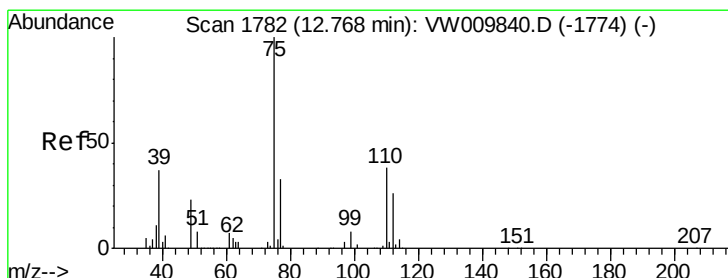
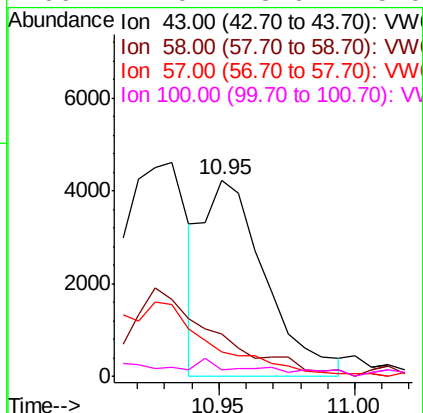
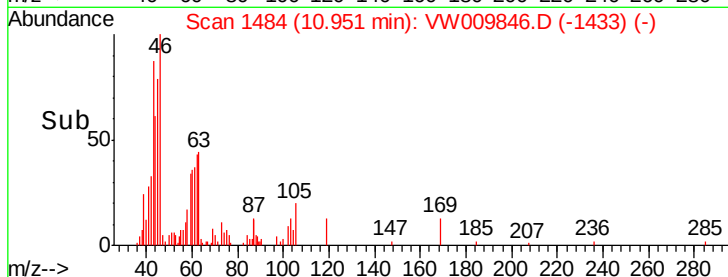
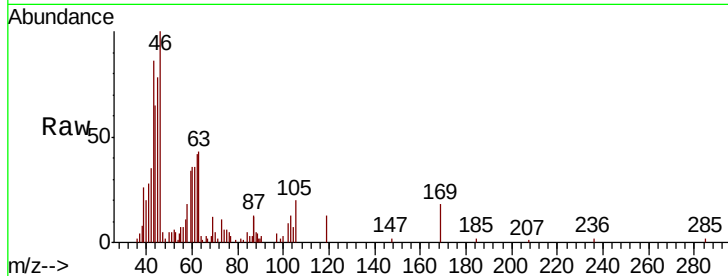




#49
2-Hexanone
Concen: 1.894 ug/L
RT: 10.95 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VW009846.D
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Instrument :
MSVOA_W
ClientSampleId :
BF612RE

Tgt Ion: 43 Resp: 6719
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#
57 0.0 13.8 20.6#
100 2.0 8.6 13.0#



#59
1,2,3-Trichloropropane
Concen: 3.955 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW009846.D
Acq: 09 Apr 2019 19:34

Tgt Ion: 75 Resp: 18231
Ion Ratio Lower Upper
75 100
77 37.2 26.2 39.2

