

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
 Data File : VW010005.D
 Acq On : 16 Apr 2019 19:14
 Operator : SY/VA
 Sample : K2402-03
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHH5

Quant Time: Apr 17 00:46:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 00:43:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	427253	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409419	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174884	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116962	28.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.88%
7) Chloroethane-d5	2.89	69	103108	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
10) 1,1-Dichloroethene-d2	4.01	63	229782	20.52	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.08%
20) 2-Butanone-d5	7.08	46	76006	34.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.60%
24) Chloroform-d	7.65	84	297043	24.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	8.31	65	173407	22.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.52%
29) Benzene-d6	8.27	84	555139	24.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.68%
33) 1,2-Dichloropropane-d6	9.27	67	173932	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.08%
37) Toluene-d8	10.32	98	493843	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.24%
38) trans-1,3-Dichloropropene-	10.58	79	69328	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.60%
39) 2-Hexanone-d5	10.93	63	51231	32.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130591	19.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	169060	25.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

Target Compounds

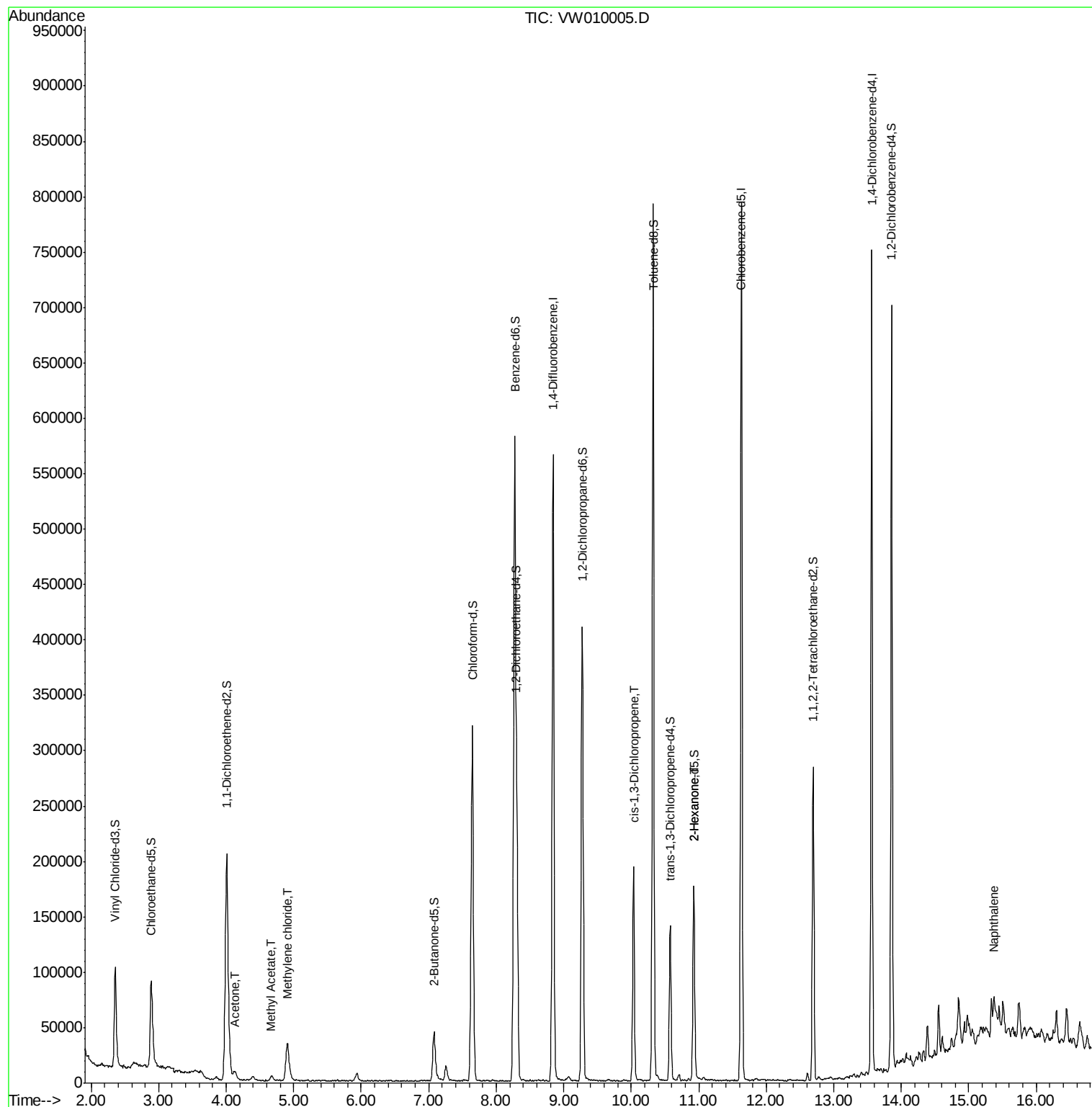
					Qvalue
13) Acetone	4.12	43	10928	5.627 ug/L	100
15) Methyl Acetate	4.67	43	5490	1.401 ug/L #	80
16) Methylene chloride	4.91	84	25227	3.261 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	5360	0.545 ug/L #	51
49) 2-Hexanone	10.93	43	8759	2.347 ug/L #	70
69) Naphthalene	15.37	128	32263	2.371 ug/L	96

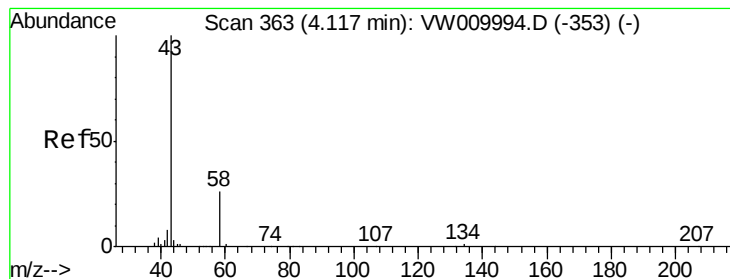
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 17 00:43:03 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.627 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010005.D

Acq: 16 Apr 2019 19:14

Instrument :

MSVOA_W

ClientSampleId :

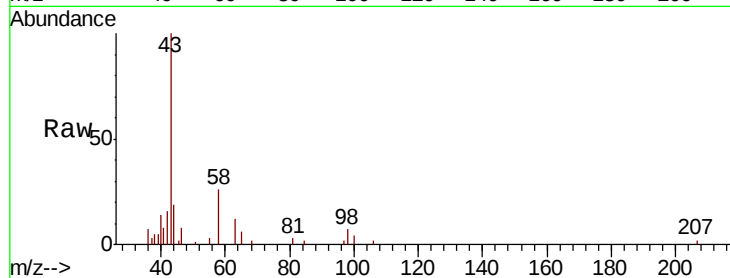
GAHH5

Tgt Ion: 43 Resp: 10928

Ion Ratio Lower Upper

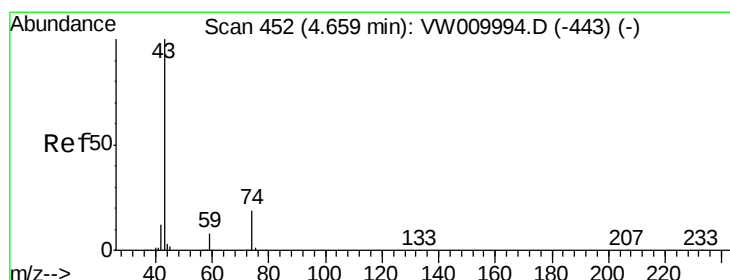
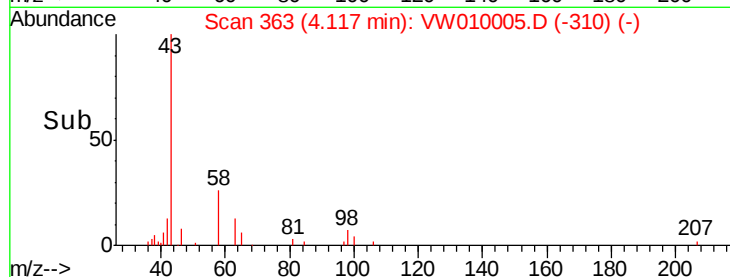
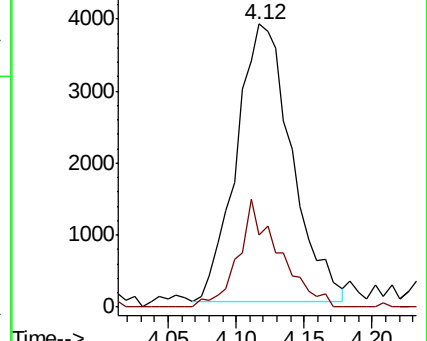
43 100

58 28.2 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 1.401 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010005.D

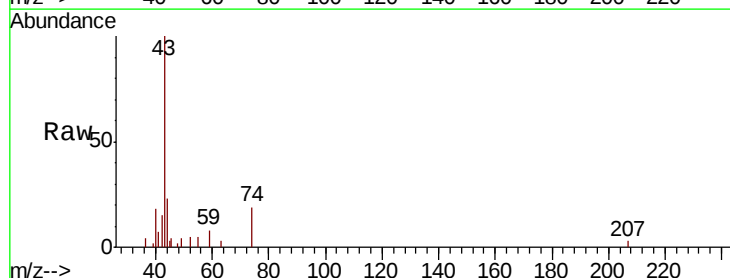
Acq: 16 Apr 2019 19:14

Tgt Ion: 43 Resp: 5490

Ion Ratio Lower Upper

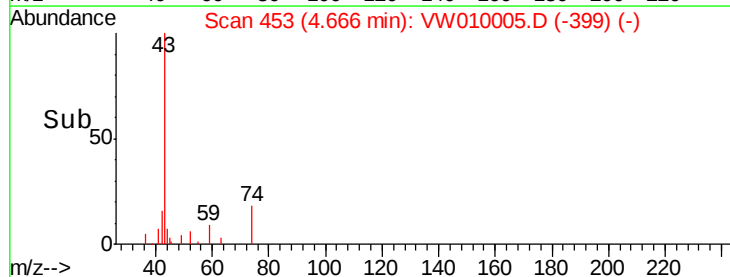
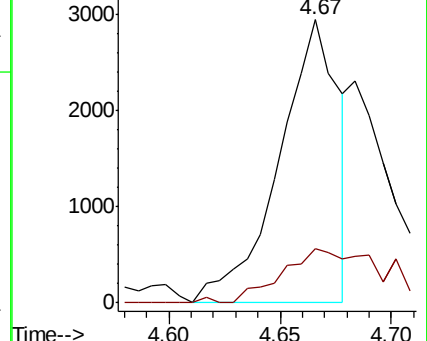
43 100

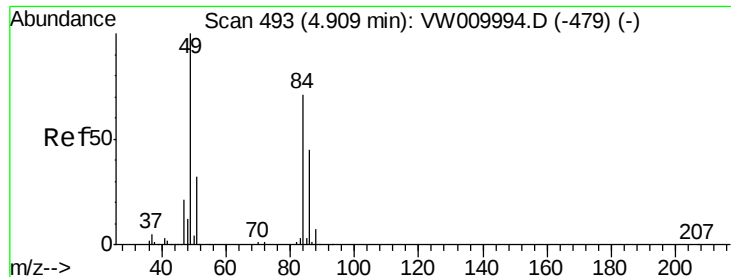
74 11.1 16.2 24.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

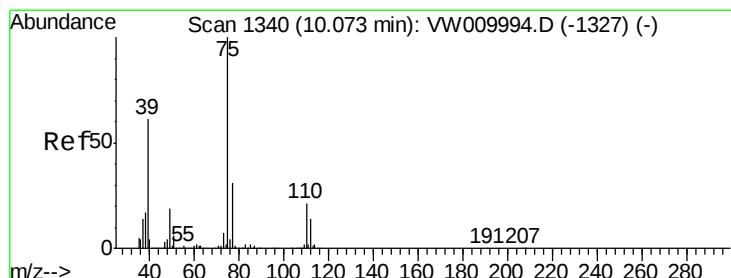
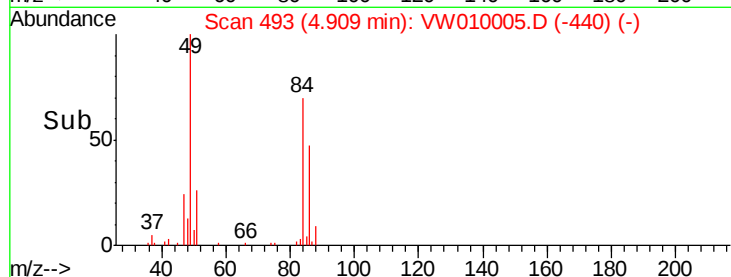
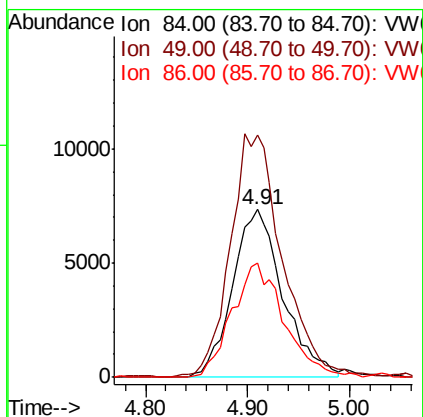
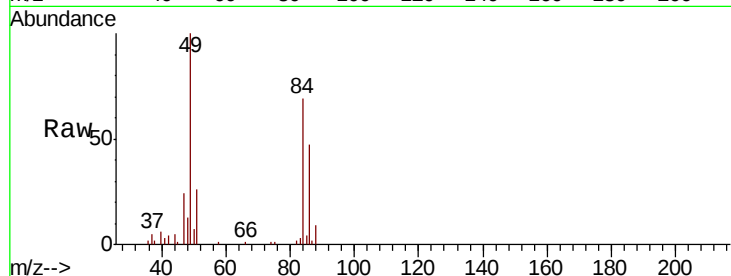




#16
Methylene chloride
Concen: 3.261 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010005.D
Acq: 16 Apr 2019 19:14

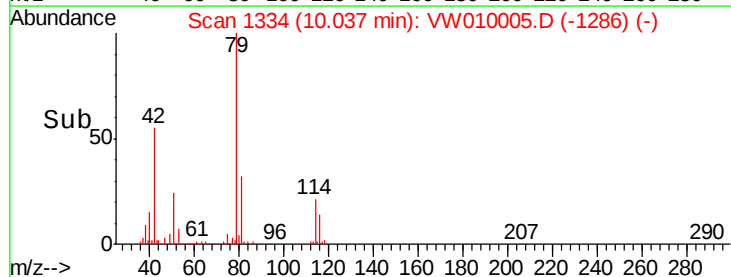
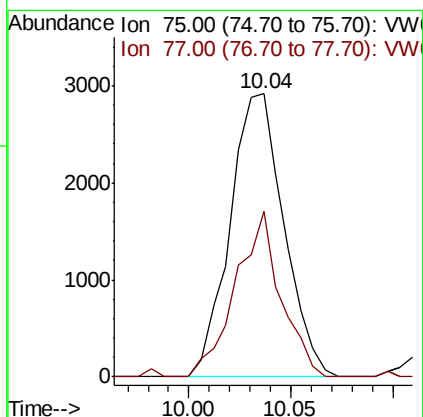
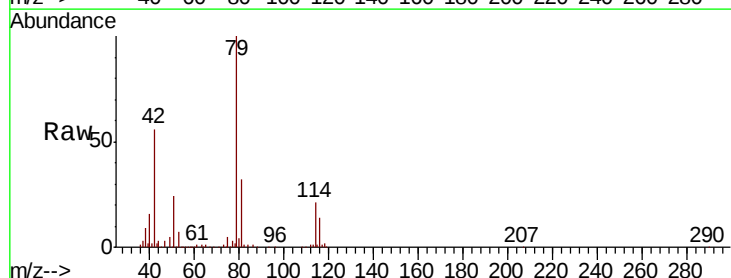
Instrument :
MSVOA_W
ClientSampled :
GAHH5

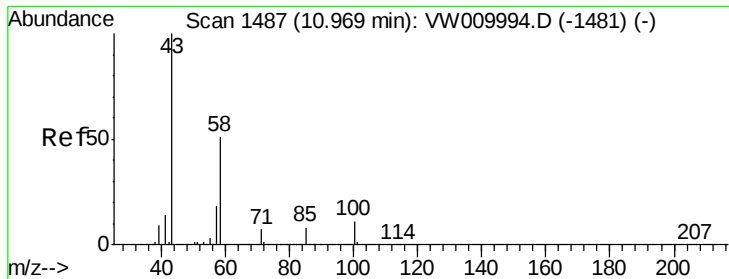
Tgt Ion: 84 Resp: 25227
Ion Ratio Lower Upper
84 100
49 144.7 100.7 187.1
86 68.2 43.8 81.3



#42
cis-1,3-Dichloropropene
Concen: 0.545 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW010005.D
Acq: 16 Apr 2019 19:14

Tgt Ion: 75 Resp: 5360
Ion Ratio Lower Upper
75 100
77 58.3 21.8 40.4#

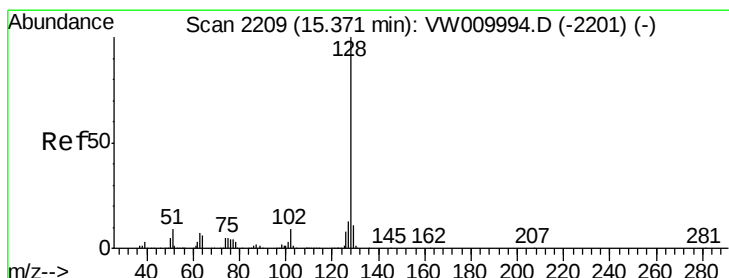
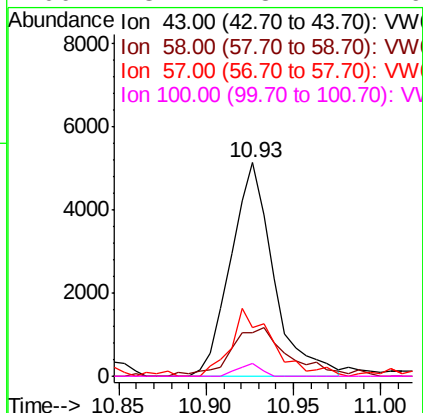
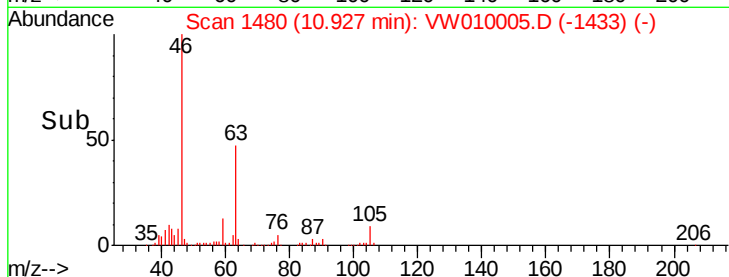
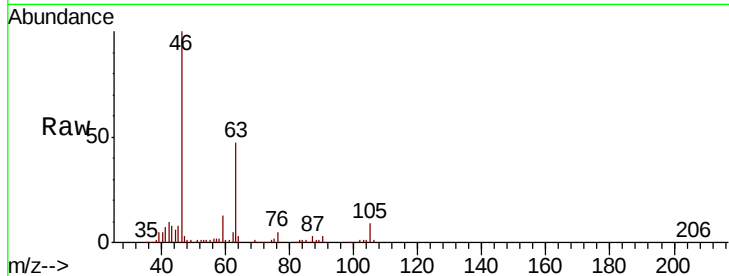




#49
2-Hexanone
Concen: 2.347 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW010005.D
Acq: 16 Apr 2019 19:14

Instrument :
MSVOA_W
ClientSampleId :
GAHH5

Tgt Ion: 43 Resp: 8759
Ion Ratio Lower Upper
43 100
58 27.4 39.8 59.8#
57 29.4 14.1 21.1#
100 3.2 8.4 12.6#



#69
Naphthalene
Concen: 2.371 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010005.D
Acq: 16 Apr 2019 19:14

Tgt Ion: 128 Resp: 32263
Ion Ratio Lower Upper
128 100
129 12.6 8.6 12.8
127 14.4 10.6 16.0

