

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009845.D
 Acq On : 09 Apr 2019 19:06
 Operator : SY/VA
 Sample : K2218-10
 Misc : 4.24G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF600RE

Quant Time: Apr 10 04:45:51 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	408142	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	381345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144663	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119685	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.64%
7) Chloroethane-d5	2.89	69	110343	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
10) 1,1-Dichloroethene-d2	4.01	63	223413	19.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.80%
20) 2-Butanone-d5	7.08	46	141654	81.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.38%#
24) Chloroform-d	7.65	84	313679	28.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.68%
26) 1,2-Dichloroethane-d4	8.31	65	212551	31.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.36%
29) Benzene-d6	8.27	84	567633	28.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.44%
33) 1,2-Dichloropropane-d6	9.27	67	183884	29.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.96%
37) Toluene-d8	10.32	98	481389	26.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.04%
38) trans-1,3-Dichloropropene-	10.58	79	79764	27.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.20%
39) 2-Hexanone-d5	10.93	63	89833	77.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.16%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	192511	33.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.96%#
61) 1,2-Dichlorobenzene-d4	13.86	152	153543	30.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.00%#

Target Compounds

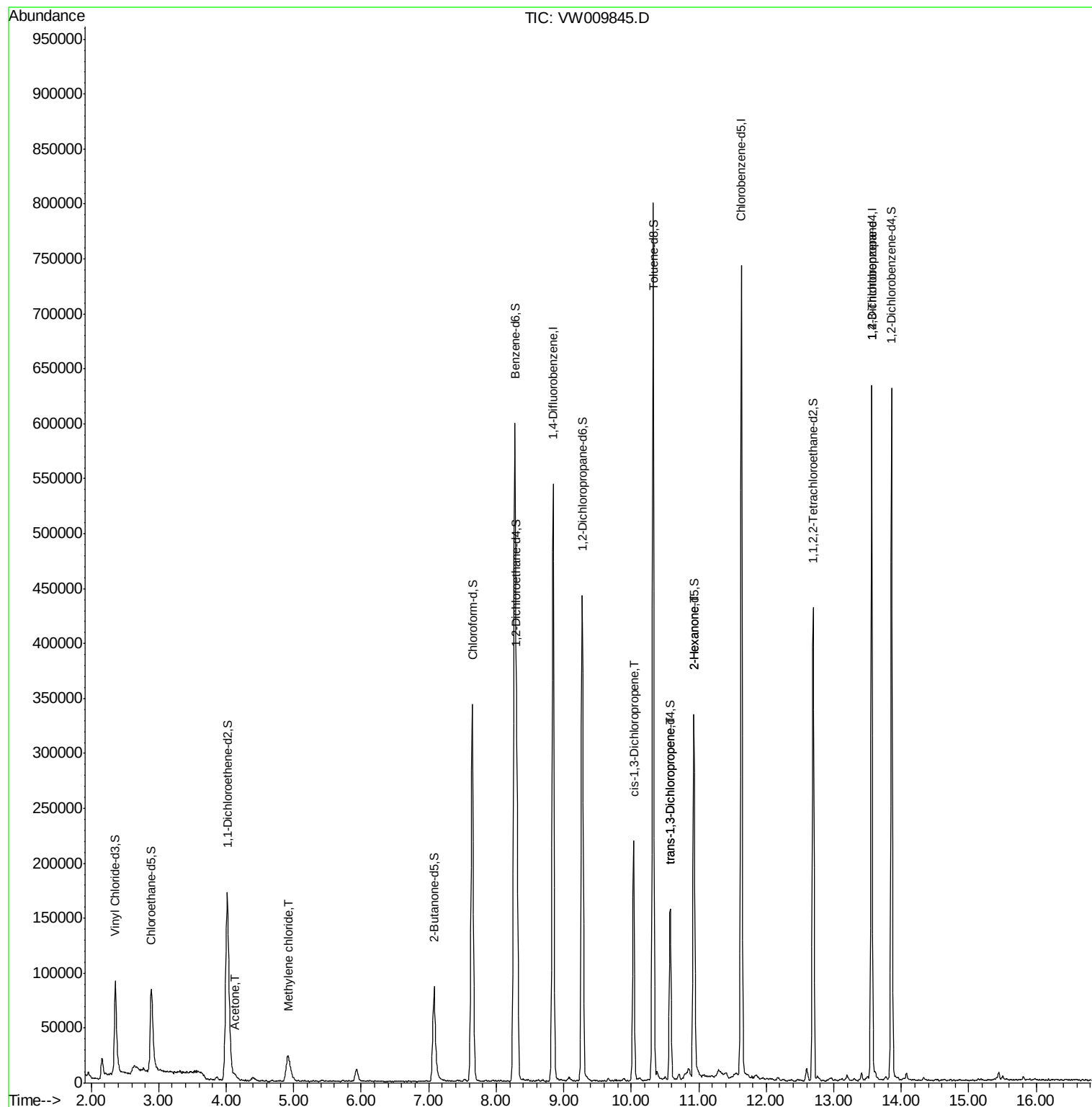
					Qvalue
13) Acetone	4.13	43	4792	2.579 ug/L	90
16) Methylene chloride	4.92	84	12932	1.797 ug/L	95
42) cis-1,3-Dichloropropene	10.03	75	6009	0.660 ug/L #	80
45) trans-1,3-Dichloropropene	10.58	75	4921	0.627 ug/L	99
49) 2-Hexanone	10.93	43	16049	4.724 ug/L #	80
59) 1,2,3-Trichloropropane	13.56	75	20528	4.652 ug/L	91

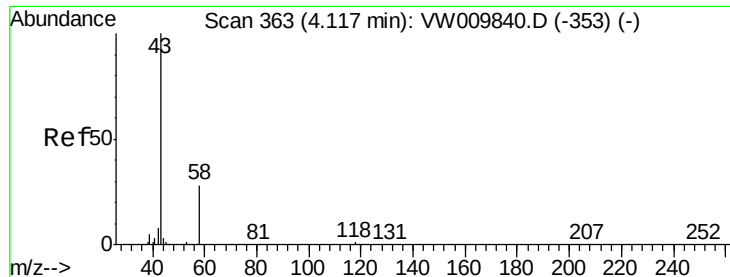
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 04:42:28 2019
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#13

Acetone

Concen: 2.579 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009845.D

Acq: 09 Apr 2019 19:06

Instrument :

MSVOA_W

ClientSampled :

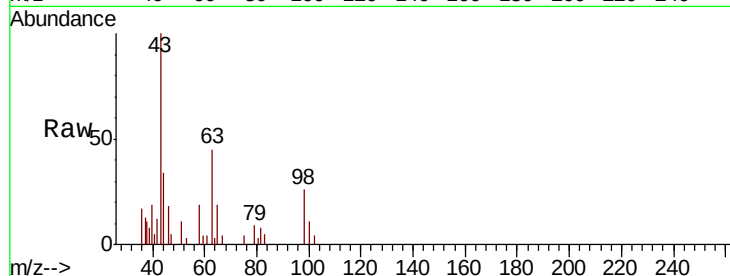
BF600RE

Tgt Ion: 43 Resp: 4792

Ion Ratio Lower Upper

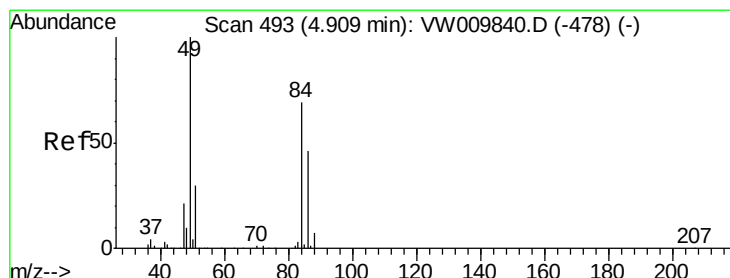
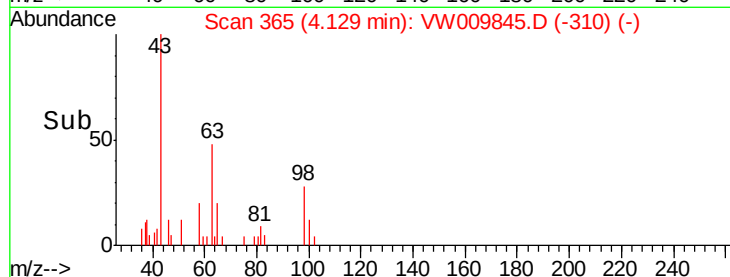
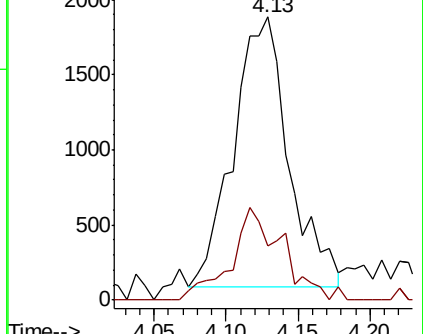
43 100

58 21.2 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.797 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009845.D

Acq: 09 Apr 2019 19:06

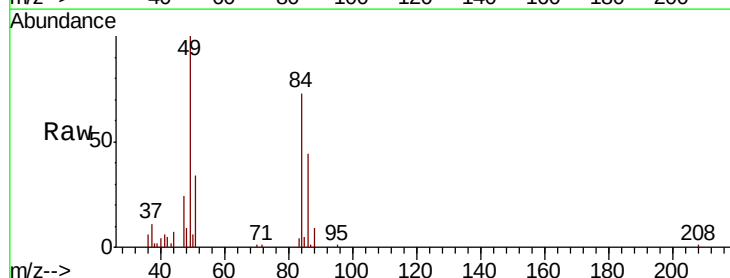
Tgt Ion: 84 Resp: 12932

Ion Ratio Lower Upper

84 100

49 136.6 98.3 182.5

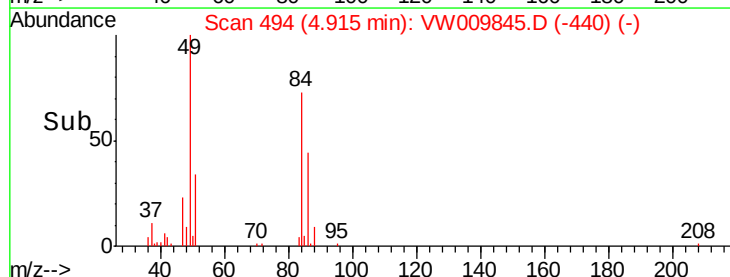
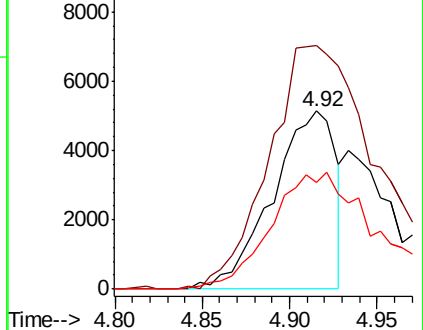
86 60.0 46.4 86.2

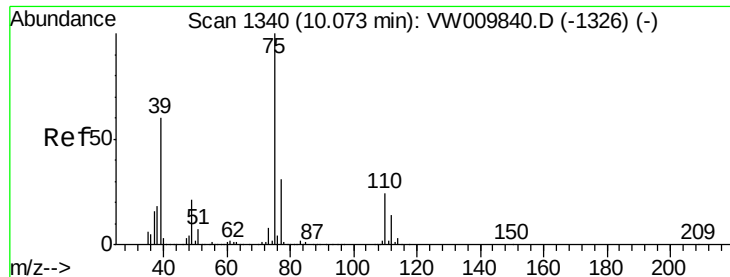


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.660 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009845.D

Acq: 09 Apr 2019 19:06

Instrument :

MSVOA_W

ClientSampled :

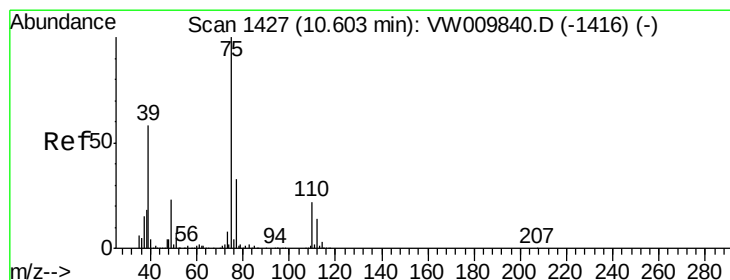
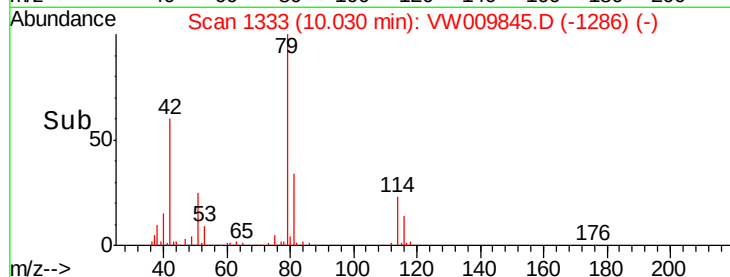
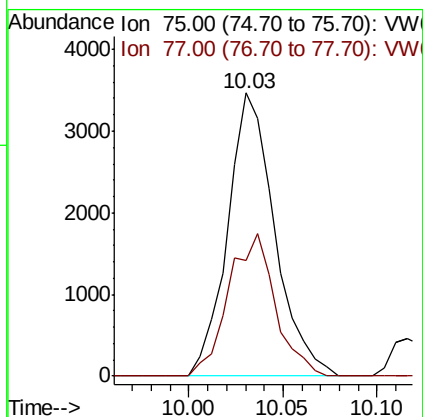
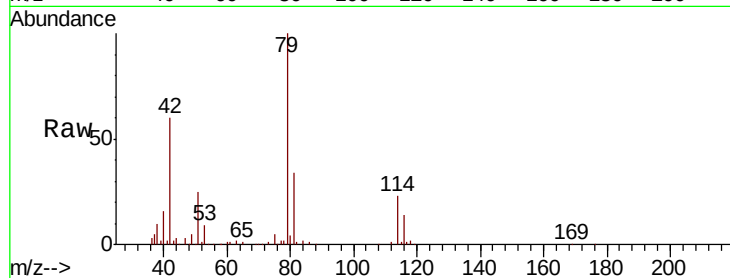
BF600RE

Tgt Ion: 75 Resp: 6009

Ion Ratio Lower Upper

75 100

77 40.9 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.627 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009845.D

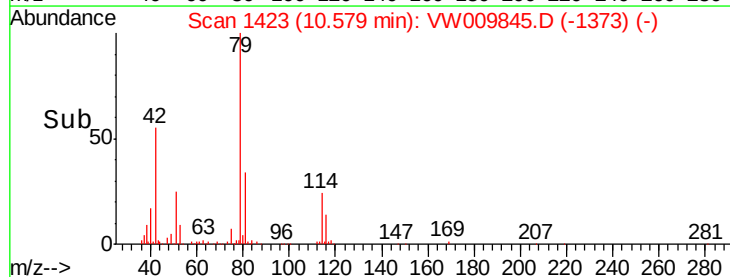
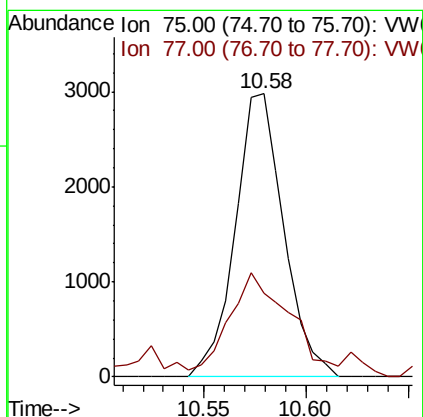
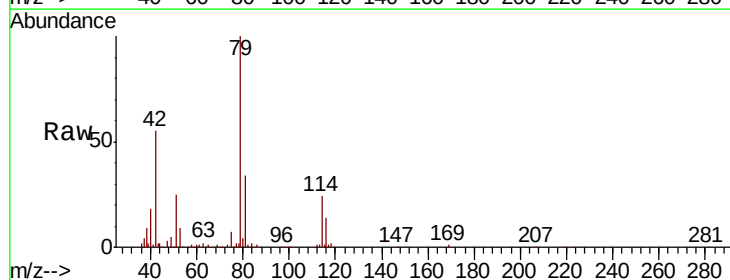
Acq: 09 Apr 2019 19:06

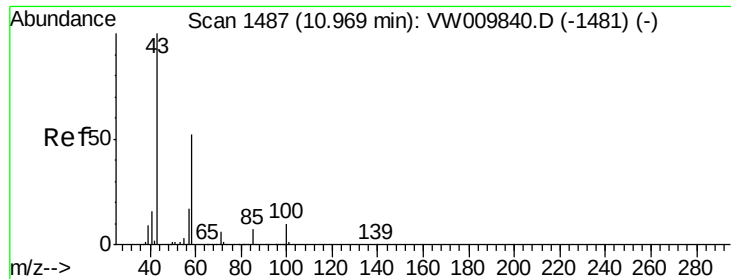
Tgt Ion: 75 Resp: 4921

Ion Ratio Lower Upper

75 100

77 29.6 21.1 39.3

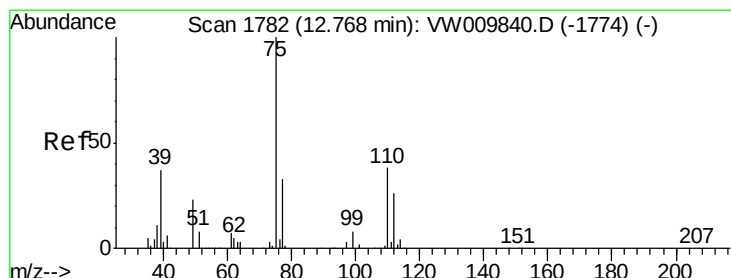
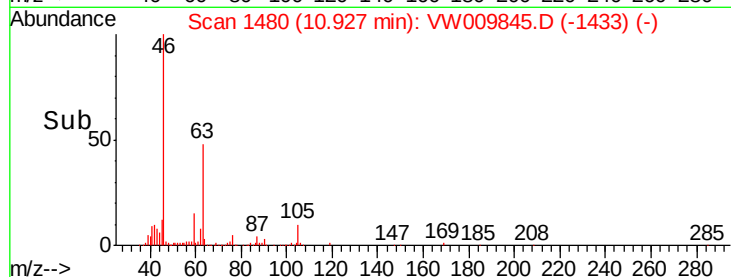
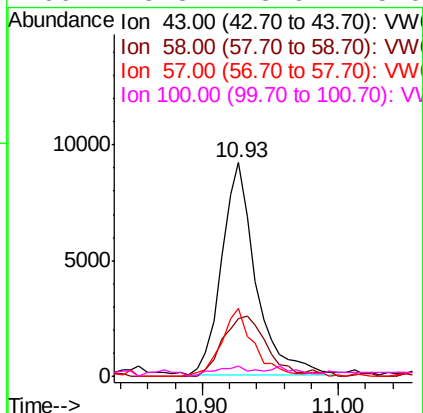
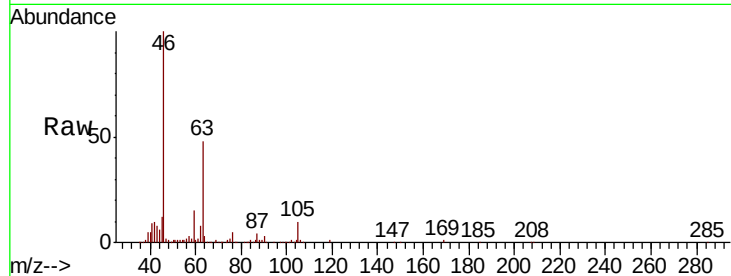




#49
2-Hexanone
Concen: 4.724 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW009845.D
Acq: 09 Apr 2019 19:06

Instrument :
MSVOA_W
ClientSampleId :
BF600RE

Tgt Ion:	43	Resp:	16049
Ion	Ratio	Lower	Upper
43	100		
58	36.1	38.9	58.3#
57	29.9	13.8	20.6#
100	5.3	8.6	13.0#



#59
1,2,3-Trichloropropane
Concen: 4.652 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW009845.D
Acq: 09 Apr 2019 19:06

Tgt Ion:	75	Resp:	20528
Ion	Ratio	Lower	Upper
75	100		
77	37.6	26.2	39.2

