

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009837.D
 Acq On : 09 Apr 2019 13:18
 Operator : SY/VA
 Sample : K2255-03
 Misc : 4.40G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC36

Quant Time: Apr 10 01:00:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	516717	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	509672	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	227436	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126125	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.60%
7) Chloroethane-d5	2.89	69	122559	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.12%
10) 1,1-Dichloroethene-d2	4.01	63	240824	16.56	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.24%
20) 2-Butanone-d5	7.08	46	92051	41.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.86%
24) Chloroform-d	7.65	84	33697	2.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	9.56%#
26) 1,2-Dichloroethane-d4	8.31	65	227262	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.00%
29) Benzene-d6	8.27	84	637337	23.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.28%
33) 1,2-Dichloropropane-d6	9.27	67	204374	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.32	98	567101	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%
38) trans-1,3-Dichloropropene-	10.58	79	89337	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.68%
39) 2-Hexanone-d5	10.93	63	52011	33.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	206	0.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	210231	26.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.36%

Target Compounds

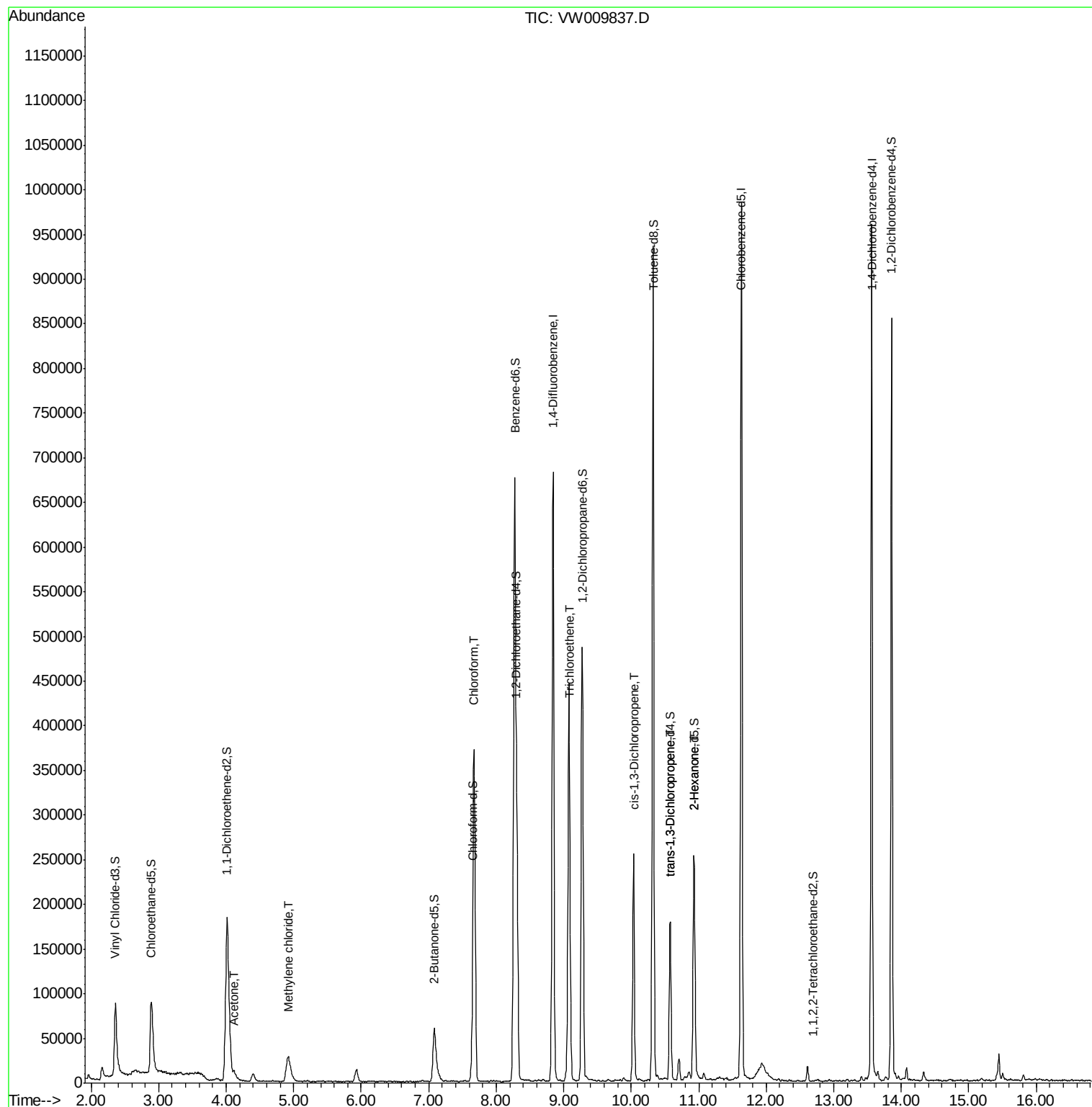
					Qvalue
13) Acetone	4.12	43	10882	4.626 ug/L	93
16) Methylene chloride	4.92	84	24565	2.696 ug/L	99
25) Chloroform	7.67	83	314439	21.916 ug/L	98
35) Trichloroethene	9.09	95	42395	5.283 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	7051	0.580 ug/L	85
45) trans-1,3-Dichloropropene	10.58	75	4907	0.468 ug/L	89
49) 2-Hexanone	10.93	43	13616	2.999 ug/L #	83

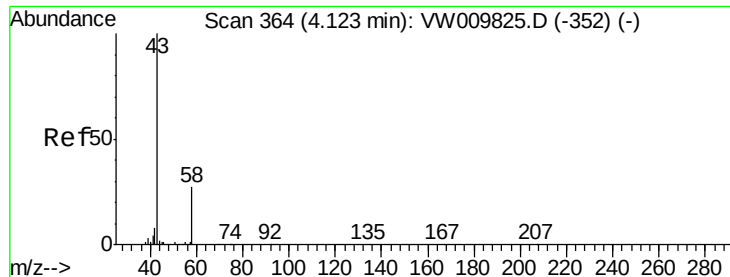
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
Data File : VW009837.D
Acq On : 09 Apr 2019 13:18
Operator : SY/VA
Sample : K2255-03
Misc : 4.40G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC36

Quant Time: Apr 10 01:00:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 00:56:07 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.626 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009837.D

Acq: 09 Apr 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

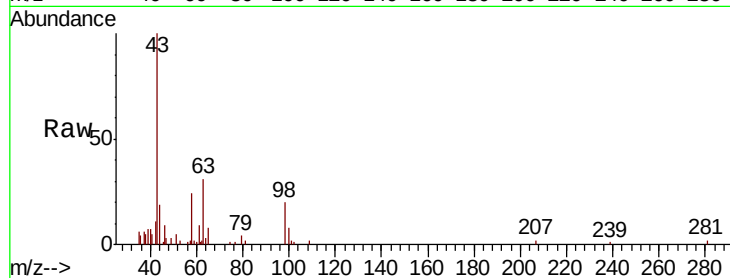
BFC36

Tgt Ion: 43 Resp: 10882

Ion Ratio Lower Upper

43 100

58 29.9 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

5000

4000

3000

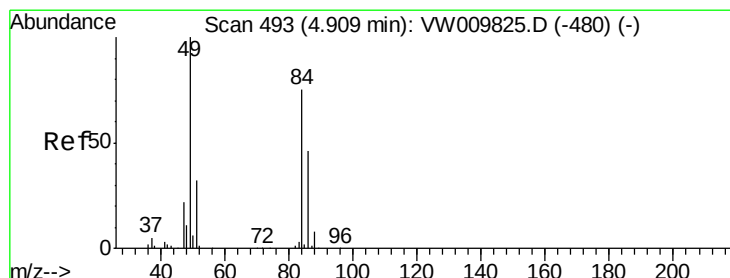
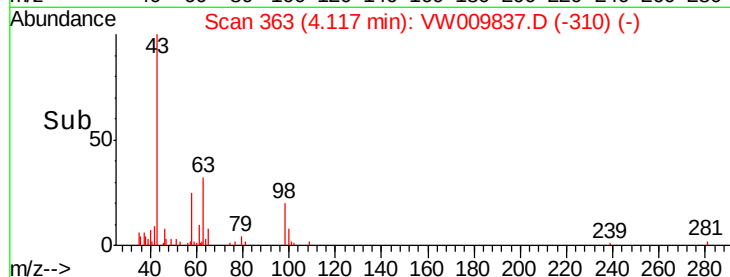
2000

1000

0

4.00 4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.696 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009837.D

Acq: 09 Apr 2019 13:18

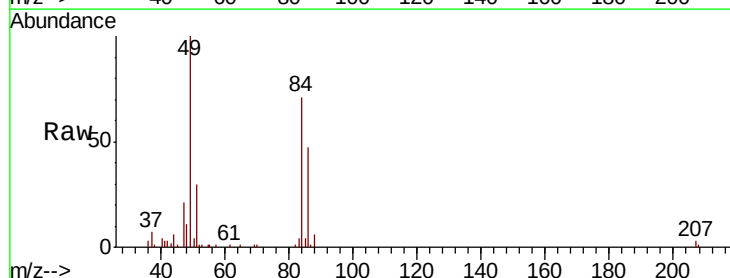
Tgt Ion: 84 Resp: 24565

Ion Ratio Lower Upper

84 100

49 141.1 98.3 182.5

86 66.7 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

12000

10000

8000

6000

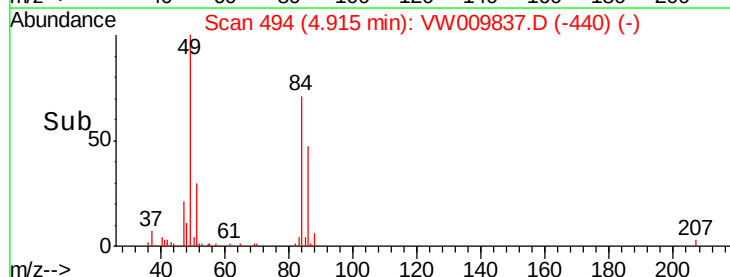
4000

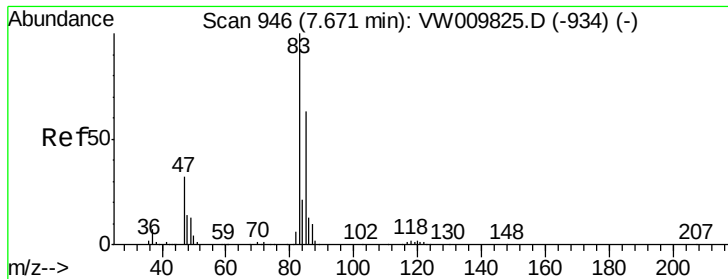
2000

0

4.80 4.85 4.90 4.95 5.00

Time-->

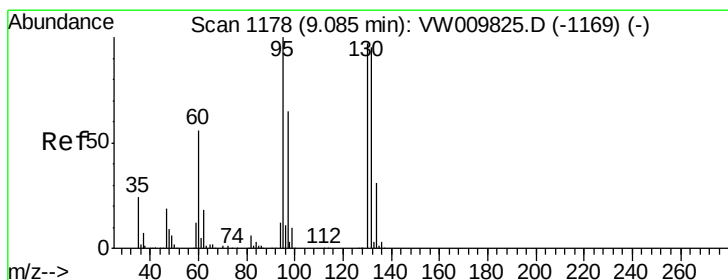
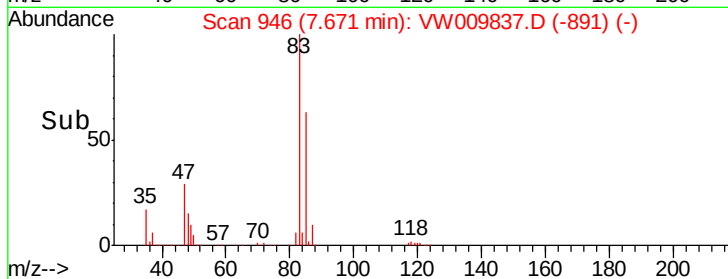
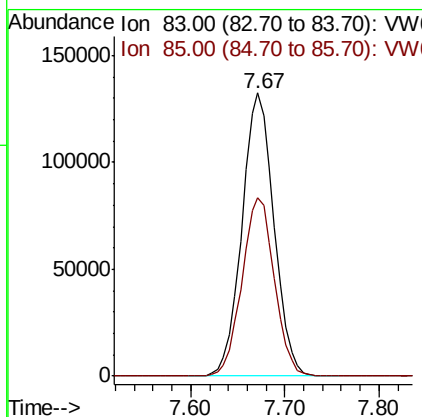
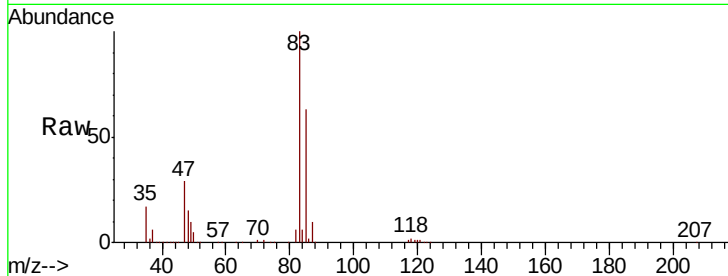




#25
Chloroform
Concen: 21.916 ug/L
RT: 7.67 min Scan# 946
Delta R.T. 0.01 min
Lab File: VW009837.D
Acq: 09 Apr 2019 13:18

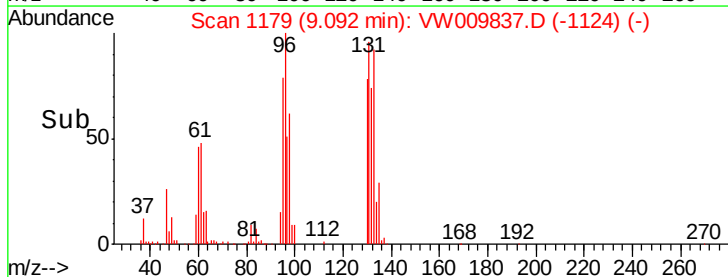
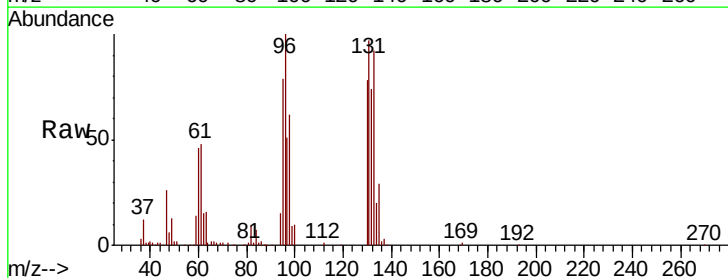
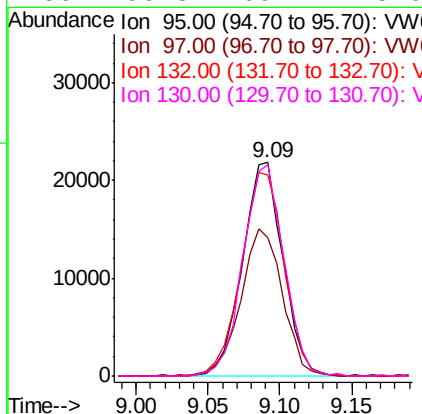
Instrument :
MSVOA_W
ClientSampled :
BFC36

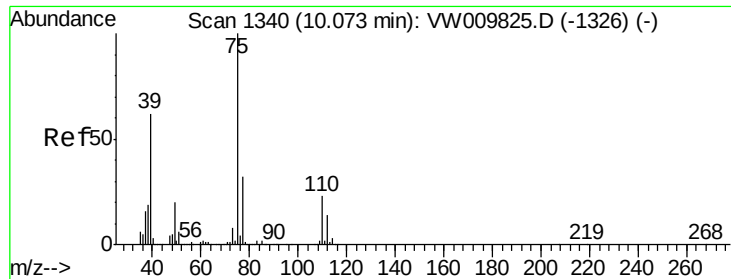
Tgt Ion: 83 Resp: 314439
Ion Ratio Lower Upper
83 100
85 63.9 45.6 84.8



#35
Trichloroethene
Concen: 5.283 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009837.D
Acq: 09 Apr 2019 13:18

Tgt Ion: 95 Resp: 42395
Ion Ratio Lower Upper
95 100
97 71.3 44.9 83.5
132 100.9 67.1 124.7
130 100.3 69.2 128.6





#42

cis-1,3-Dichloropropene

Concen: 0.580 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009837.D

Acq: 09 Apr 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

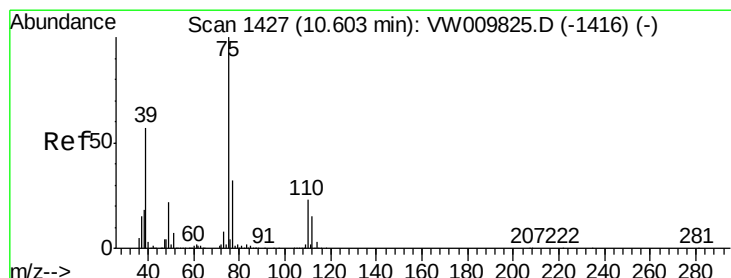
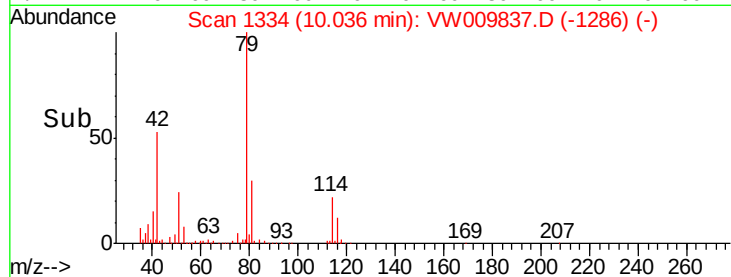
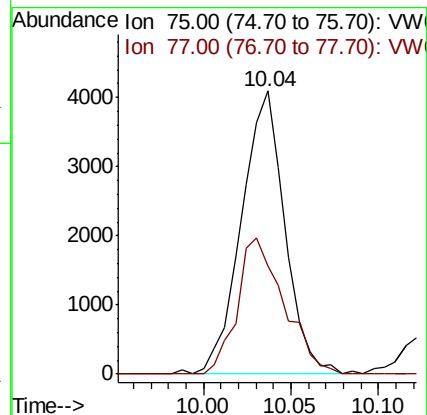
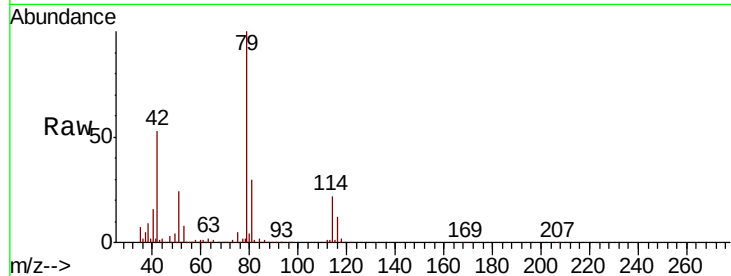
BFC36

Tgt Ion: 75 Resp: 7051

Ion Ratio Lower Upper

75 100

77 38.4 21.0 39.0



#45

trans-1,3-Dichloropropene

Concen: 0.468 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009837.D

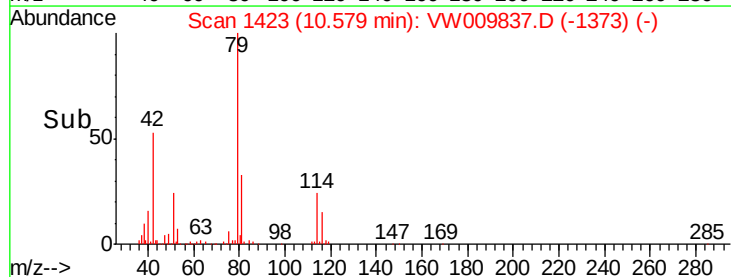
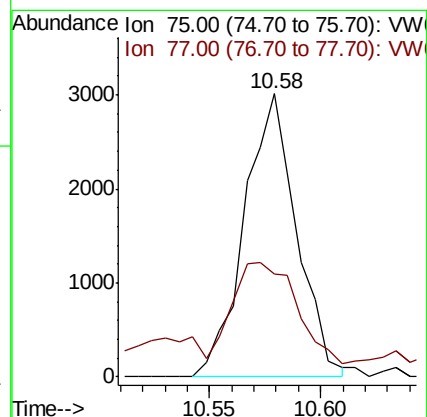
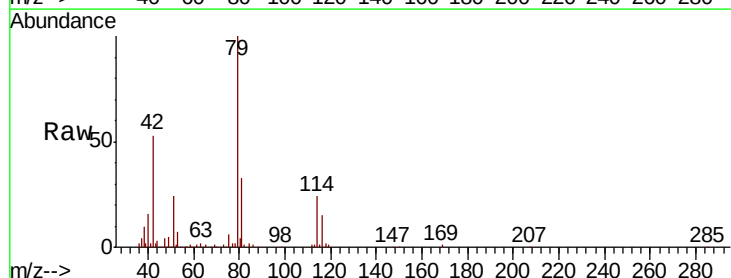
Acq: 09 Apr 2019 13:18

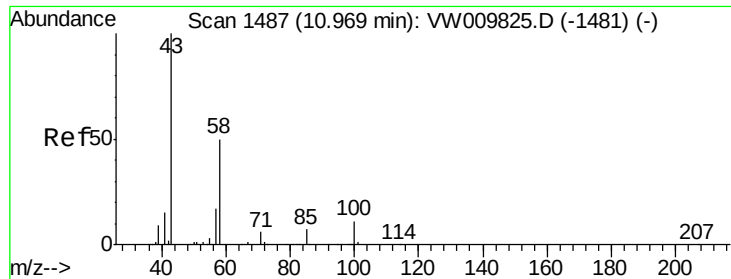
Tgt Ion: 75 Resp: 4907

Ion Ratio Lower Upper

75 100

77 36.4 21.1 39.3





#49

2-Hexanone

Concen: 2.999 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009837.D

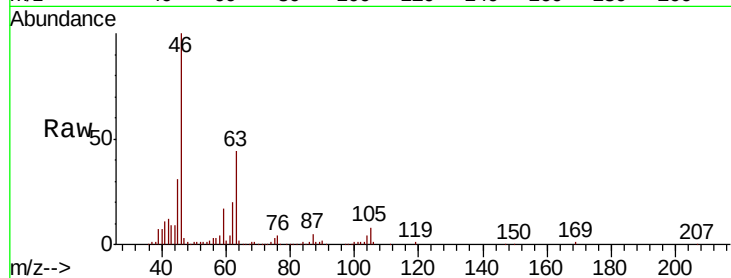
Acq: 09 Apr 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

BFC36



Tgt Ion:	43	Resp:	13616
Ion	Ratio	Lower	Upper
43	100		
58	54.6	38.9	58.3
57	35.3	13.8	20.6#
100	4.7	8.6	13.0#

