

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009829.D
 Acq On : 09 Apr 2019 06:49
 Operator : SY/VA
 Sample : K2273-06
 Misc : 5.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC69

Quant Time: Apr 09 07:59:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:56:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	483606	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	433432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151971	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120919	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.44%
7) Chloroethane-d5	2.89	69	113363	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
10) 1,1-Dichloroethene-d2	4.01	63	211032	15.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.04%
20) 2-Butanone-d5	7.07	46	89619	43.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.24%
24) Chloroform-d	7.65	84	282867	21.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	8.31	65	188471	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.04%
29) Benzene-d6	8.27	84	548411	24.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.40%
33) 1,2-Dichloropropane-d6	9.27	67	170328	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.32	98	456319	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.76%
38) trans-1,3-Dichloropropene-	10.57	79	46249	13.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.20%
39) 2-Hexanone-d5	10.93	63	55578	41.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123223	18.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	131069	24.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.32%

Target Compounds

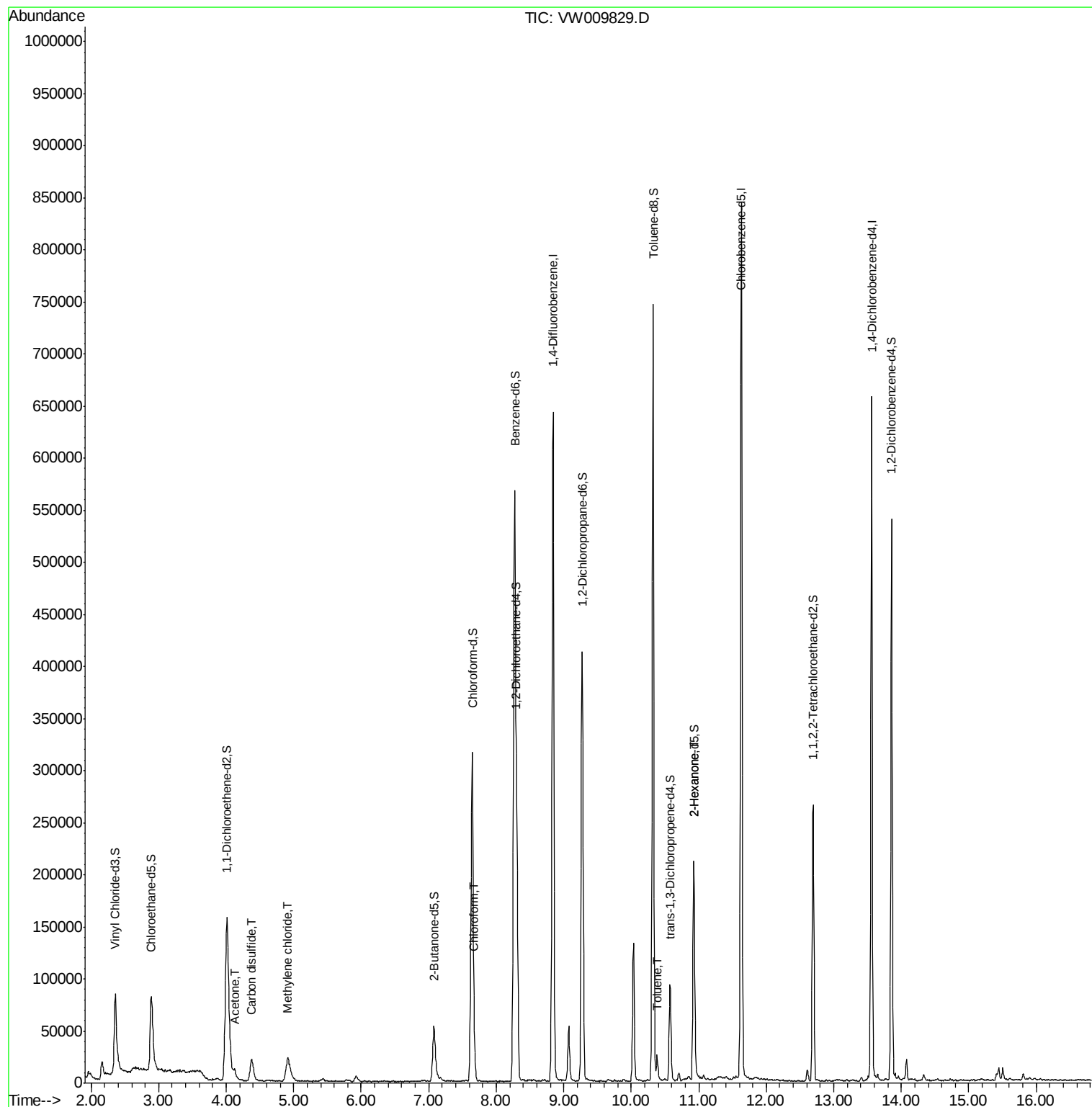
					Qvalue
13) Acetone	4.12	43	12814	5.821 ug/L	95
14) Carbon disulfide	4.38	76	46847	2.346 ug/L	100
16) Methylene chloride	4.92	84	21366	2.505 ug/L	91
25) Chloroform	7.68	83	19144	1.426 ug/L #	75
44) Toluene	10.38	91	16531	0.598 ug/L	92
49) 2-Hexanone	10.93	43	10122	2.622 ug/L #	78

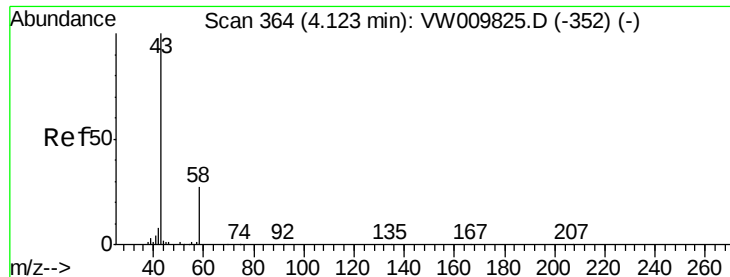
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.821 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

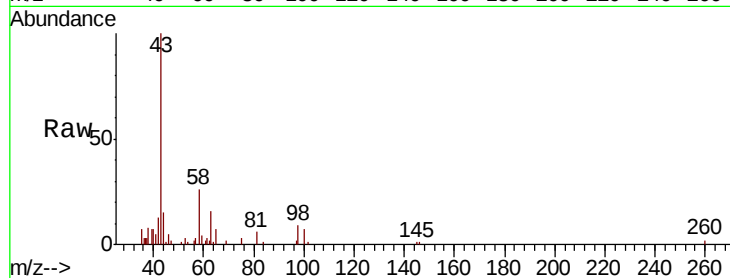
BFC69

Tgt Ion: 43 Resp: 12814

Ion Ratio Lower Upper

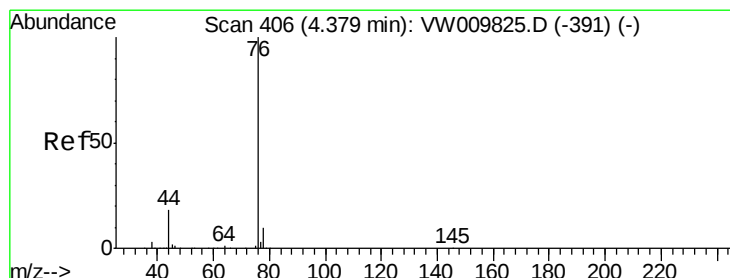
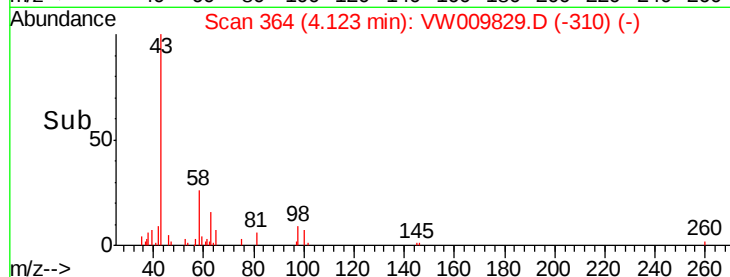
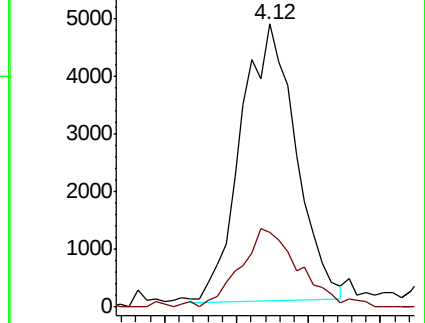
43 100

58 29.2 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 2.346 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009829.D

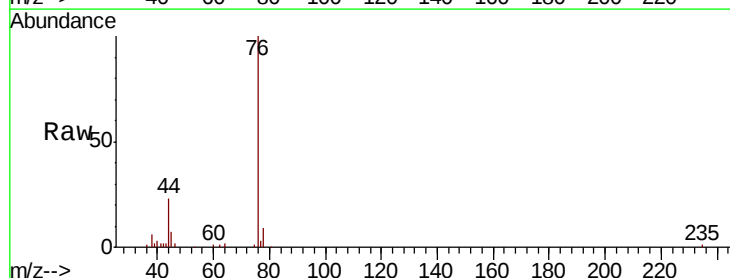
Acq: 09 Apr 2019 06:49

Tgt Ion: 76 Resp: 46847

Ion Ratio Lower Upper

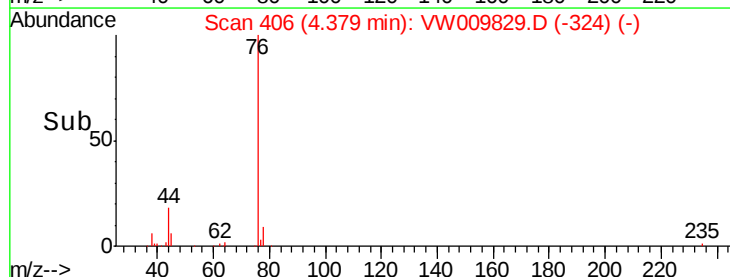
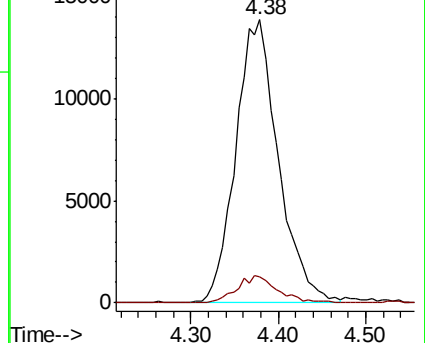
76 100

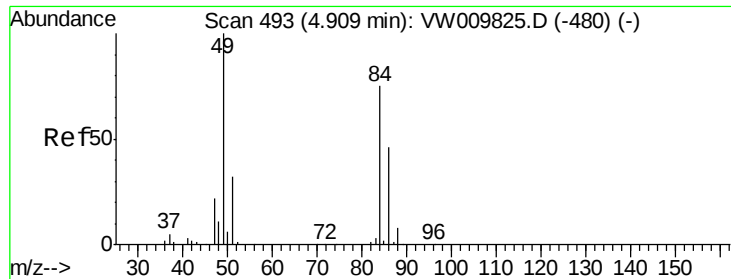
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

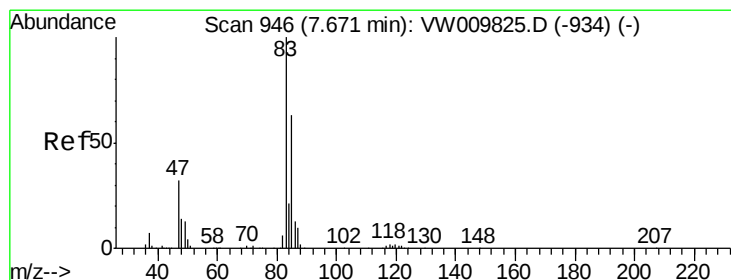
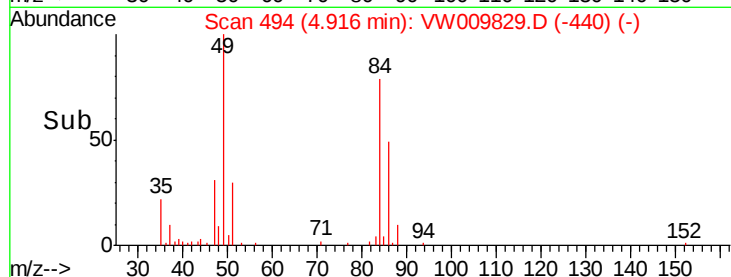
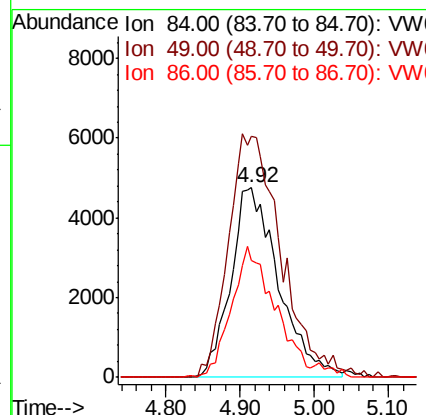
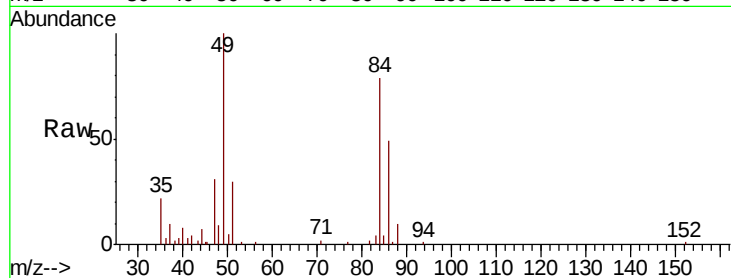




#16
Methylene chloride
Concen: 2.505 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009829.D
Acq: 09 Apr 2019 06:49

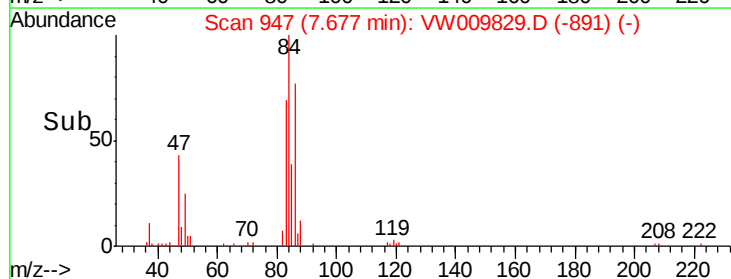
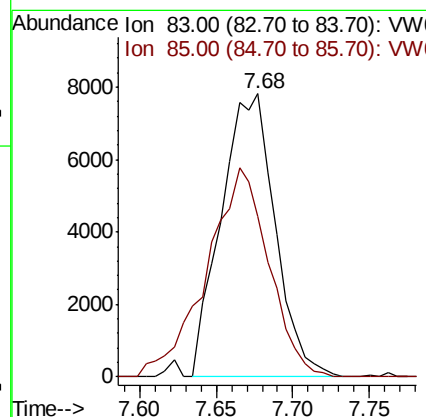
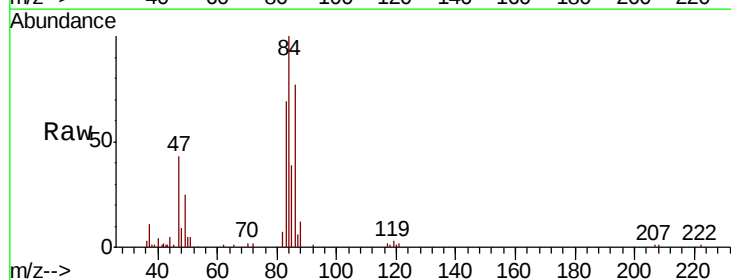
Instrument :
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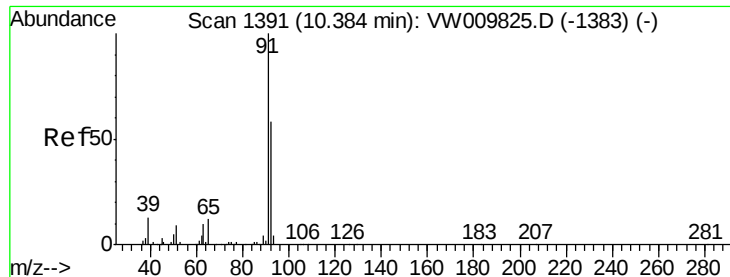
Tgt Ion: 84 Resp: 21366
Ion Ratio Lower Upper
84 100
49 127.3 98.3 182.5
86 61.8 46.4 86.2



#25
Chloroform
Concen: 1.426 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW009829.D
Acq: 09 Apr 2019 06:49

Tgt Ion: 83 Resp: 19144
Ion Ratio Lower Upper
83 100
85 85.1 45.6 84.8#





#44

Toluene

Concen: 0.598 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009829.D

Acq: 09 Apr 2019 06:49

Instrument :

MSVOA_W

ClientSampleId :

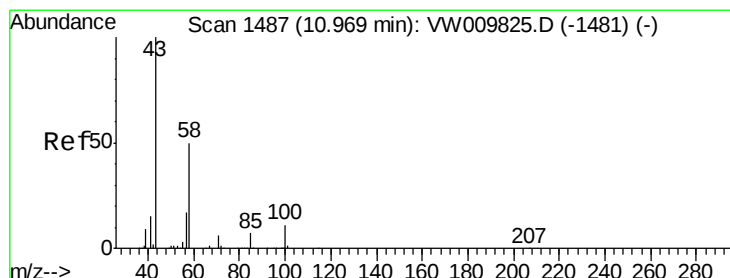
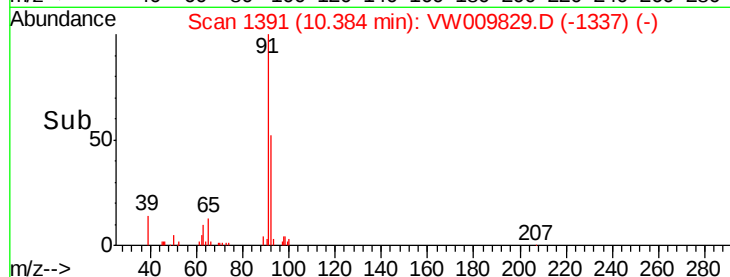
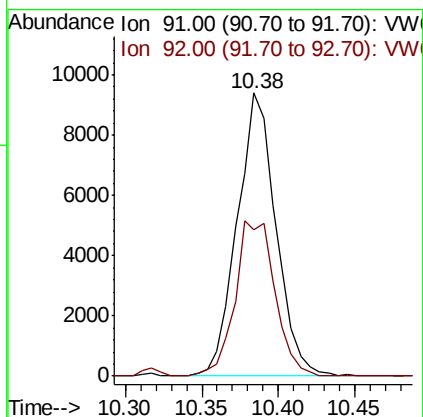
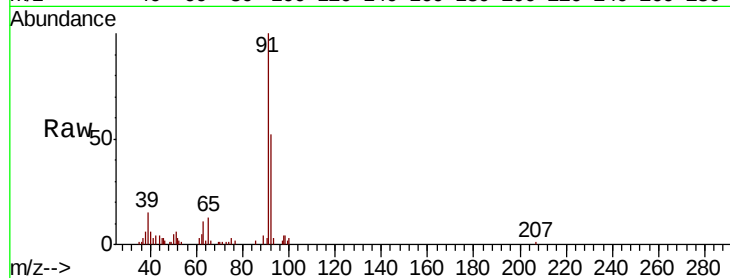
BFC69

Tgt Ion: 91 Resp: 16531

Ion Ratio Lower Upper

91 100

92 51.7 40.5 75.1



#49

2-Hexanone

Concen: 2.622 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009829.D

Acq: 09 Apr 2019 06:49

Tgt Ion: 43 Resp: 10122

Ion Ratio Lower Upper

43 100

58 37.6 38.9 58.3#

57 35.7 13.8 20.6#

100 4.0 8.6 13.0#

