

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009679.D
 Acq On : 04 Apr 2019 02:16
 Operator : SY/VA
 Sample : K2188-01
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF648

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 8:53:30 AM

Quant Time: Apr 04 03:57:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 02:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	470948	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	432952	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173948	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	180458	29.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.12%
7) Chloroethane-d5	2.89	69	149082	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.60%
10) 1,1-Dichloroethene-d2	4.01	63	279069	21.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.24%
20) 2-Butanone-d5	7.08	46	112356	56.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.30%
24) Chloroform-d	7.65	84	352192	27.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.64%
26) 1,2-Dichloroethane-d4	8.30	65	229144	29.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.16%
29) Benzene-d6	8.27	84	689922	30.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.44%
33) 1,2-Dichloropropane-d6	9.27	67	209964	29.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.64%
37) Toluene-d8	10.32	98	607483	28.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.64%
38) trans-1,3-Dichloropropene-	10.58	79	93528	27.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.72%
39) 2-Hexanone-d5	10.93	63	73642	55.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168755	25.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	187392	30.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.80%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	28732	13.402 ug/L	54
16) Methylene chloride	4.91	84	27602	3.323 ug/L	94
21) 2-Butanone	7.18	43	6637m	2.434 ug/L	
52) Chlorobenzene	11.66	112	32037	1.804 ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	4244	0.394 ug/L #	75
64) 1,4-Dichlorobenzene	13.58	146	31529	2.748 ug/L	94

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

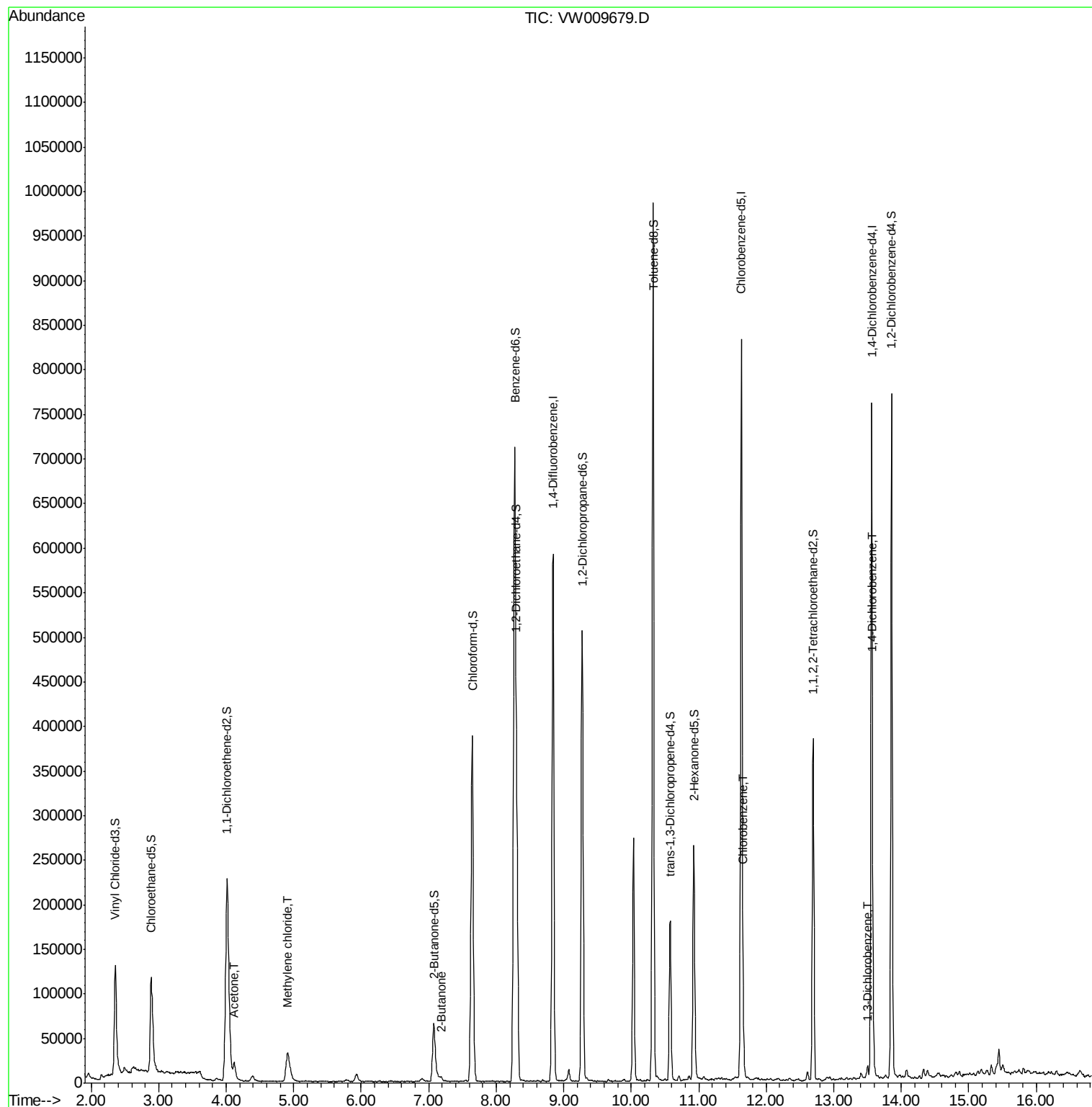
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040319\
Data File : VW009679.D
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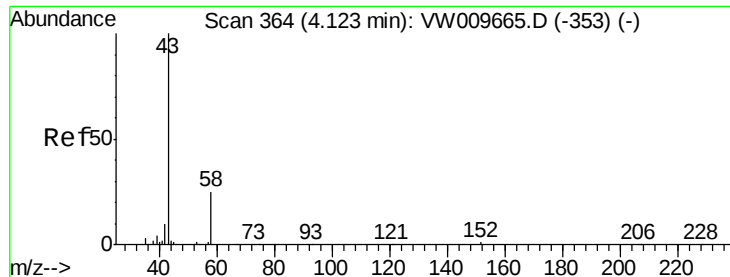
Instrument :
MSVOA_W
ClientSampleId :
BF648

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Quant Time: Apr 04 03:57:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 13.402 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009679.D

Acq: 04 Apr 2019 02:16

Instrument :

MSVOA_W

ClientSampled :

BF648

Tot Ion: 43 Resp: 28732

Ion Ratio Lower Upper

43 100

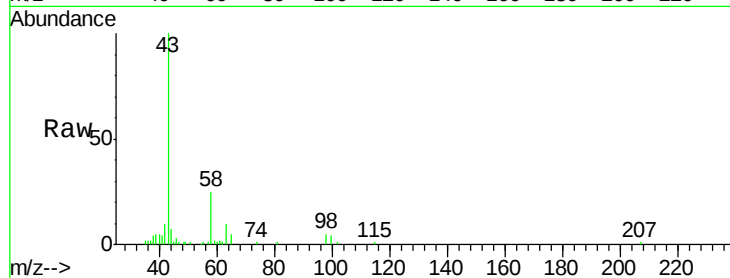
58 2.9 0.0 53.0

Manual Integrations

APPROVED

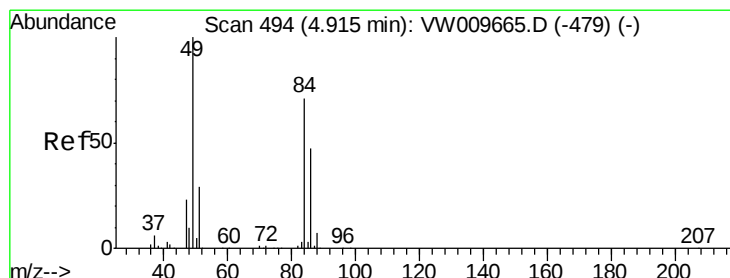
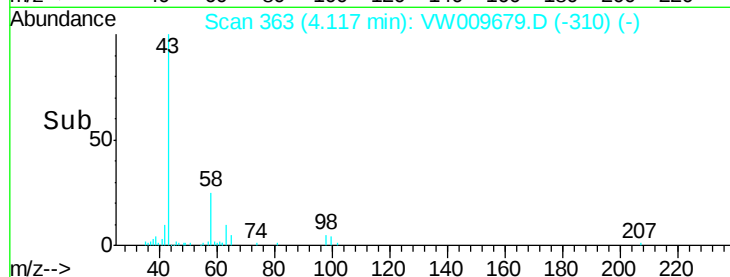
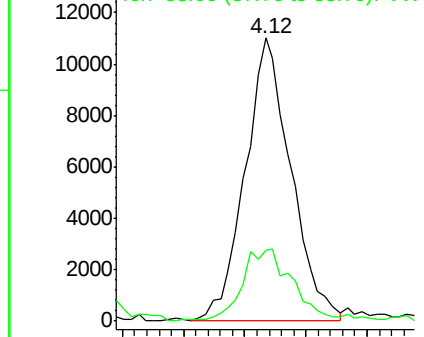
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4/10/2019 8:53:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.323 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009679.D

Acq: 04 Apr 2019 02:16

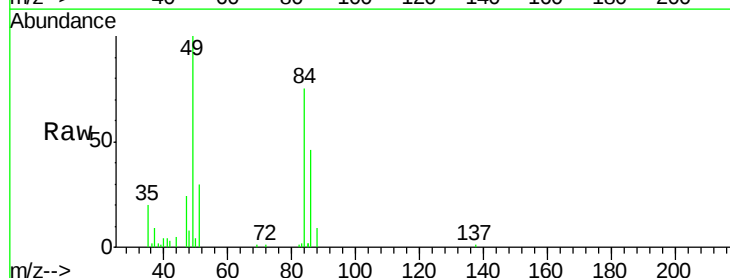
Tgt Ion: 84 Resp: 27602

Ion Ratio Lower Upper

84 100

49 133.0 98.3 182.5

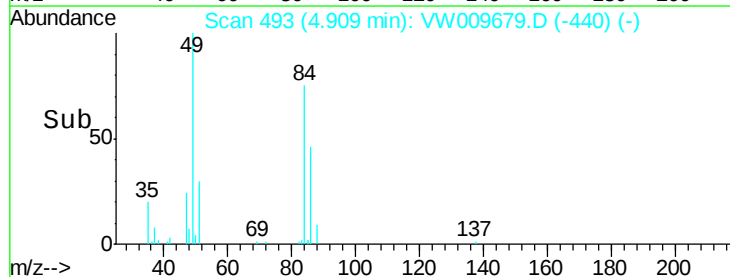
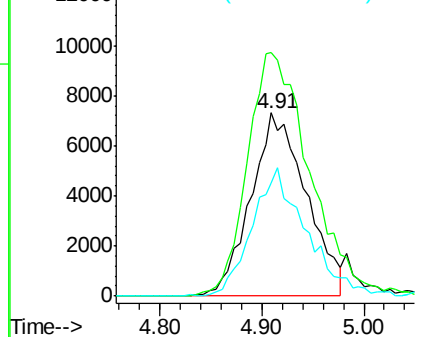
86 61.4 46.4 86.2

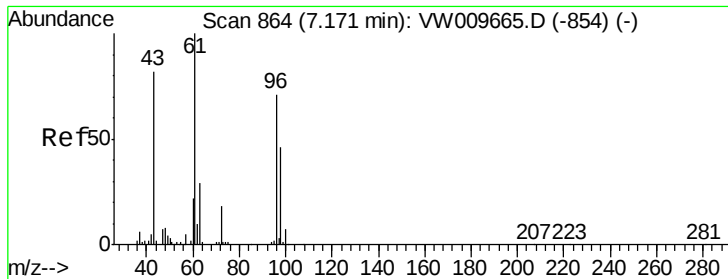


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 2.434 ug/L m

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW009679.D

Acq: 04 Apr 2019 02:16

Instrument :

MSVOA_W

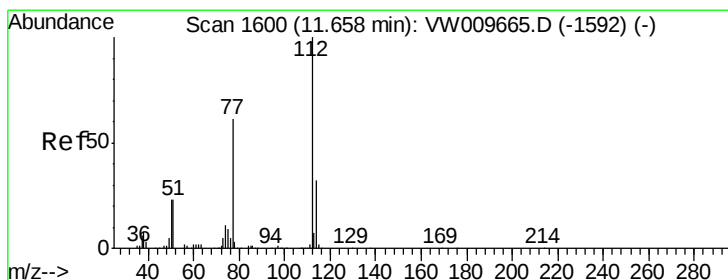
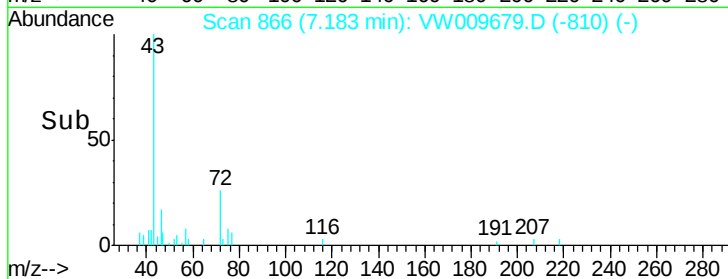
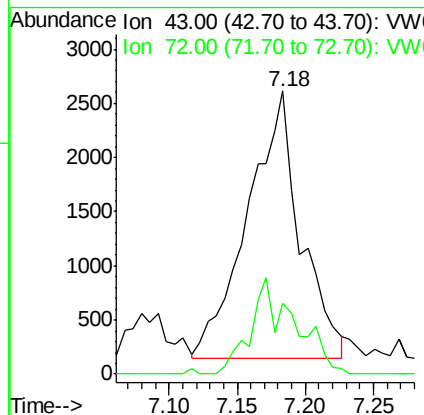
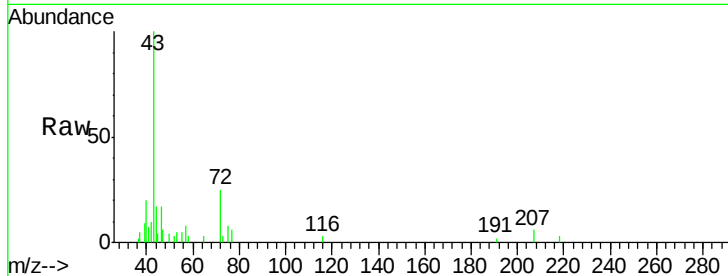
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Tot Ion: 43 Resp: 6637
Ion Ratio Lower Upper
43 100
72 1.2 12.0 36.1#



#52

Chlorobenzene

Concen: 1.804 ug/L

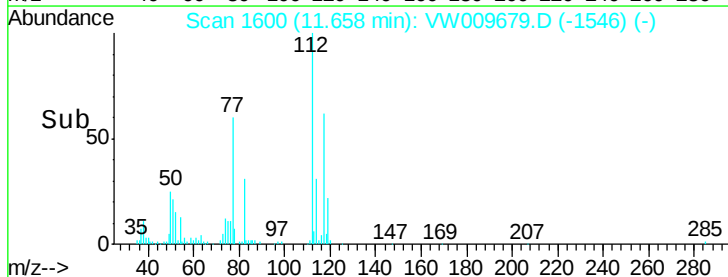
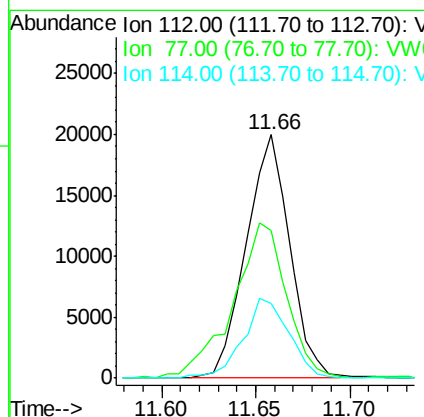
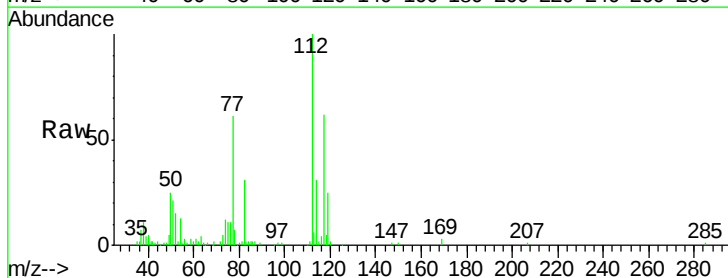
RT: 11.66 min Scan# 1600

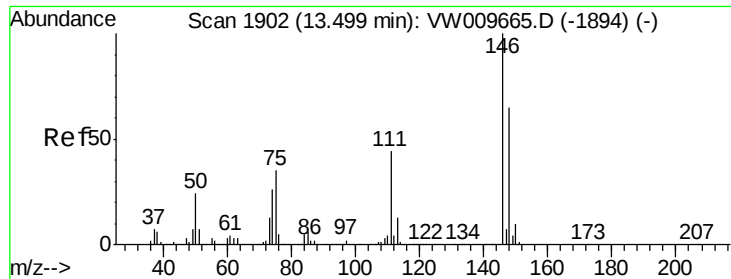
Delta R.T. 0.00 min

Lab File: VW009679.D

Acq: 04 Apr 2019 02:16

Tgt Ion: 112 Resp: 32037
Ion Ratio Lower Upper
112 100
77 60.7 48.2 72.2
114 30.8 23.0 42.6





#63

1,3-Dichlorobenzene

Concen: 0.394 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009679.D

Acq: 04 Apr 2019 02:16

Instrument :

MSVOA_W

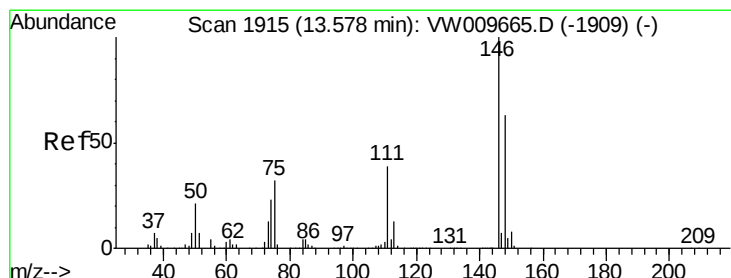
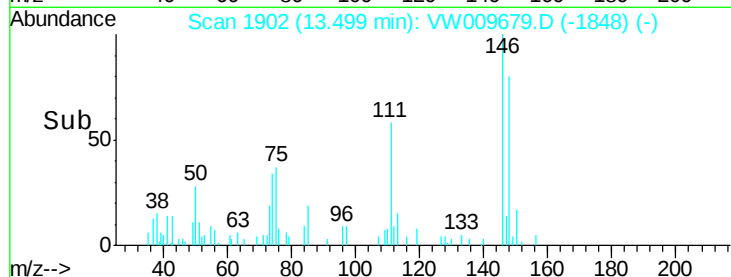
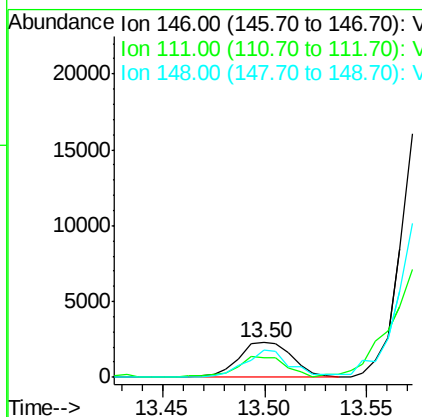
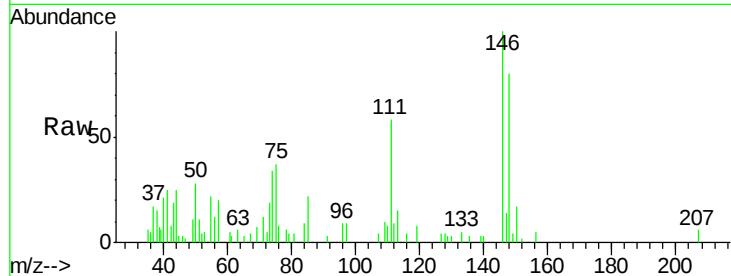
ClientSampleId :

BF648

Tot Ion:	146	Resp:	4244
Ion	Ratio	Lower	Upper
146	100		
111	58.3	28.1	52.3#
148	80.2	44.3	82.3

Manual Integrations
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#64

1,4-Dichlorobenzene

Concen: 2.748 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW009679.D

Acq: 04 Apr 2019 02:16

Tgt Ion:	146	Resp:	31529
Ion	Ratio	Lower	Upper
146	100		
111	47.0	27.4	50.8
148	63.7	43.8	81.3

