

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009671.D
 Acq On : 03 Apr 2019 21:17
 Operator : SY/VA
 Sample : K2119-19
 Misc : 4.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5B6

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 8:53:24 AM

Quant Time: Apr 04 02:31:07 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	468358	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143874	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	180960	29.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.12%
7) Chloroethane-d5	2.89	69	163741	29.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.64%
10) 1,1-Dichloroethene-d2	4.01	63	280291	21.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.08%
20) 2-Butanone-d5	7.07	46	111546	56.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.12%
24) Chloroform-d	7.64	84	351120	27.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.88%
26) 1,2-Dichloroethane-d4	8.30	65	220333	28.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.32%
29) Benzene-d6	8.27	84	678686	31.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.24%
33) 1,2-Dichloropropane-d6	9.27	67	204694	30.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.32%#
37) Toluene-d8	10.32	98	598798	29.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.56%
38) trans-1,3-Dichloropropene-	10.58	79	90883	28.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.92%
39) 2-Hexanone-d5	10.93	63	79506	62.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161359	25.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	145030	28.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.92%

Target Compounds

					Ovalue
13) Acetone	4.12	43	20863	9.785 ug/L	100
14) Carbon disulfide	4.37	76	17646	0.913 ug/L	99
16) Methylene chloride	4.91	84	36256m	4.389 ug/L	
63) 1,3-Dichlorobenzene	13.51	146	4669	0.525 ug/L	94
64) 1,4-Dichlorobenzene	13.57	146	6177	0.651 ug/L #	82
65) 1,2-Dichlorobenzene	13.87	146	17115	2.010 ug/L #	90

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

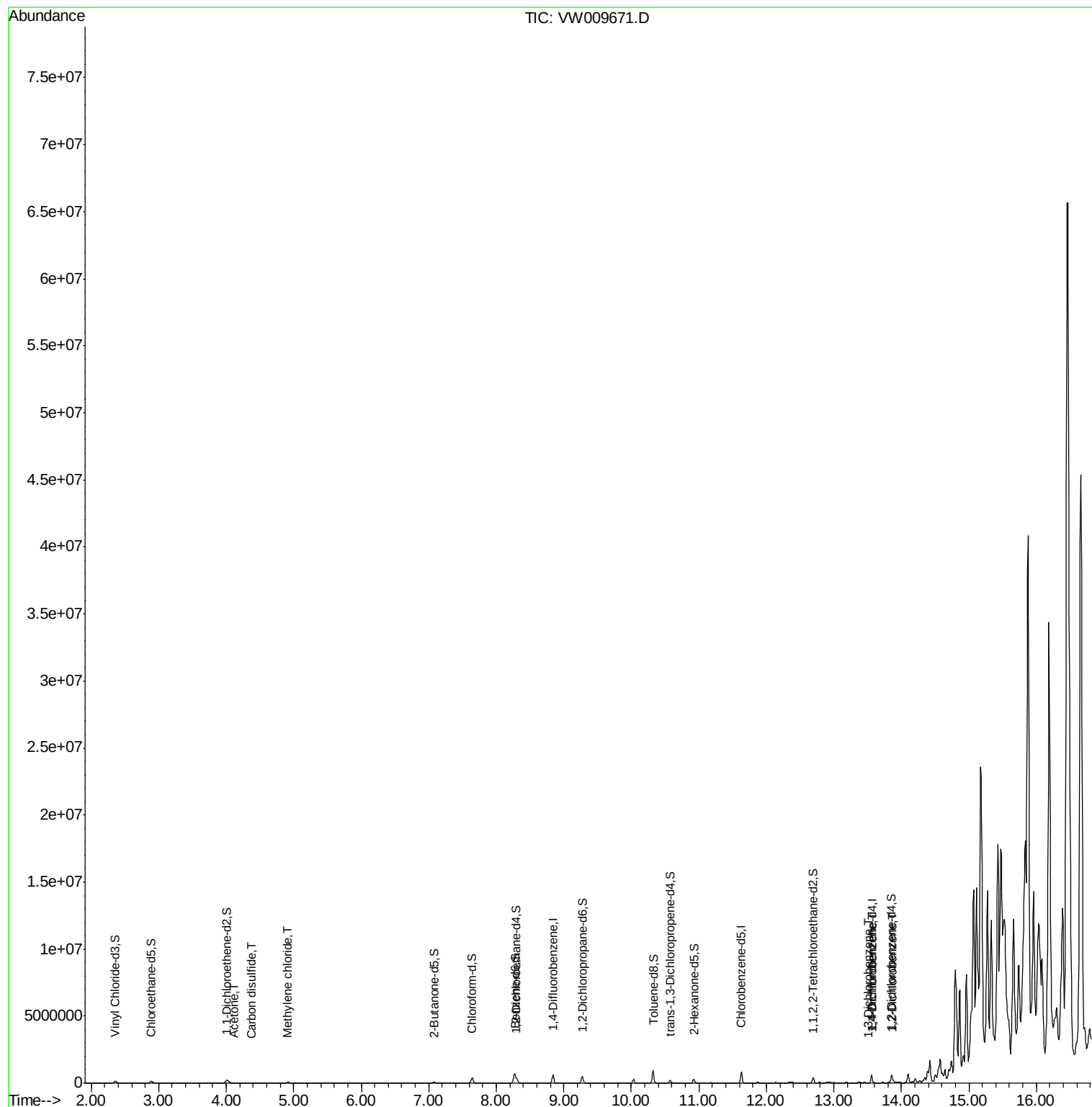
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040319\
Data File : VW009671.D
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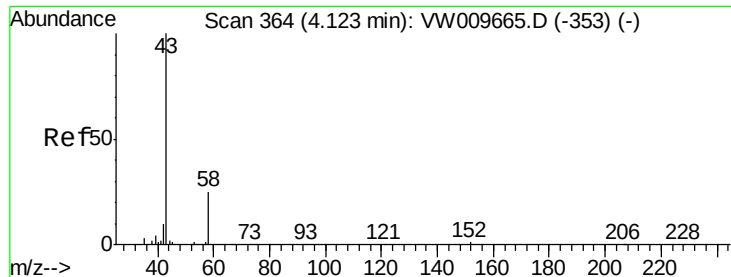
Instrument :
MSVOA_W
ClientSampleId :
BF5B6

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Quant Time: Apr 04 02:31:07 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: 9.785 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009671.D

Acq: 03 Apr 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

BF5B6

Tot Ion: 43 Resp: 20863

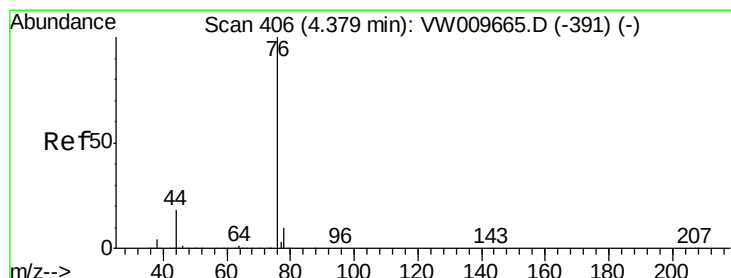
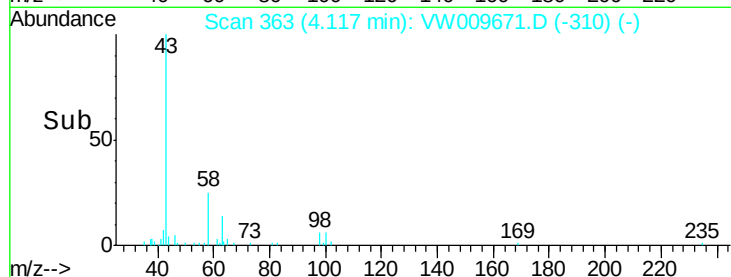
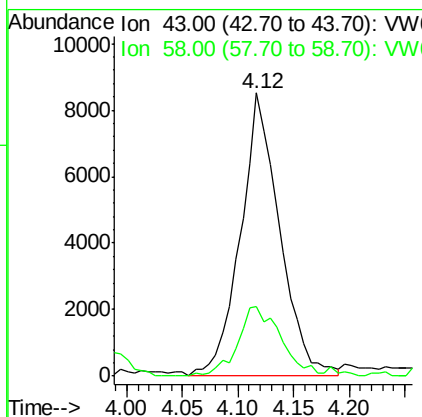
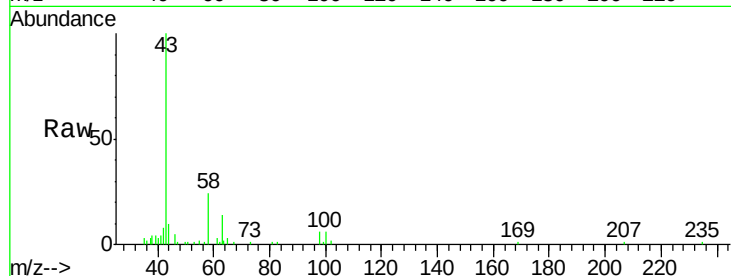
Ion Ratio Lower Upper

43 100

58 26.6 0.0 53.0

Manual Integrations
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#14

Carbon disulfide

Concen: 0.913 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009671.D

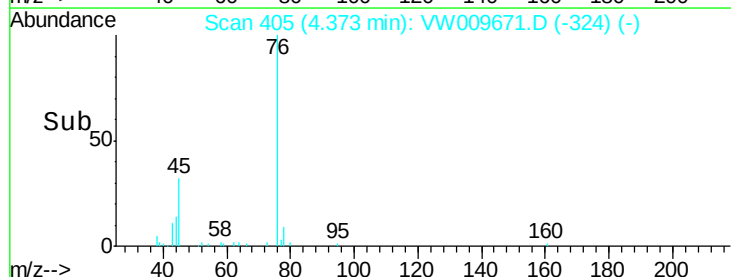
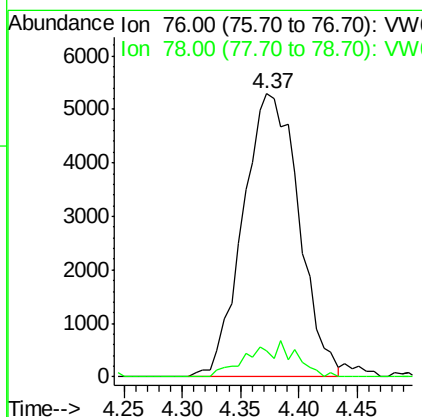
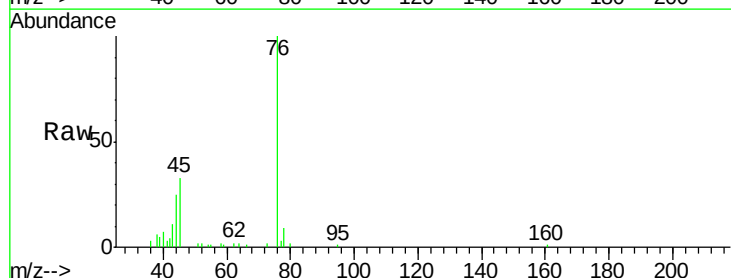
Acq: 03 Apr 2019 21:17

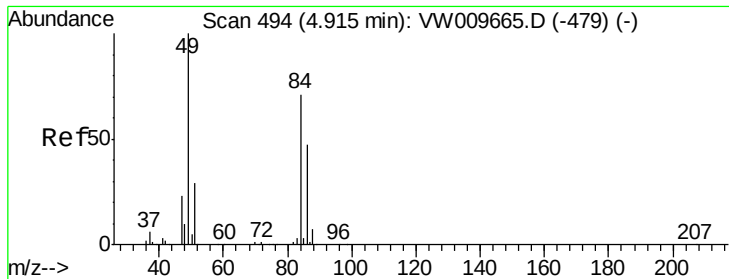
Tgt Ion: 76 Resp: 17646

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





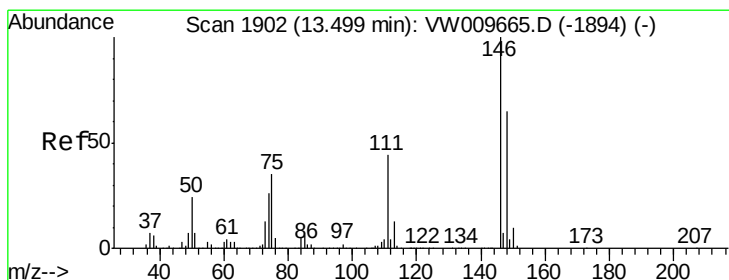
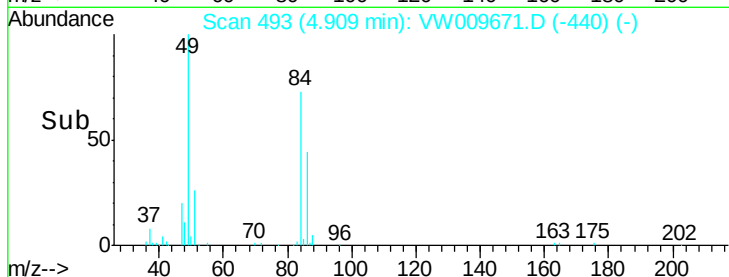
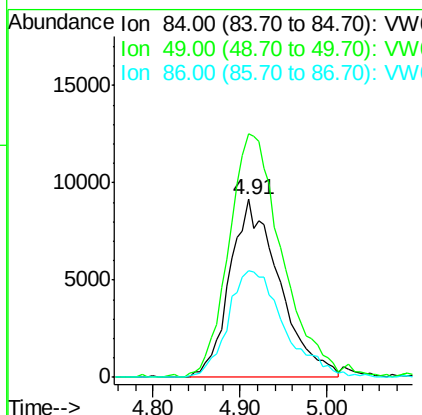
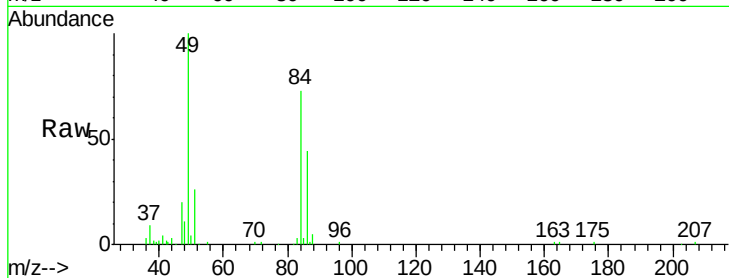
#16
Methylene chloride
Concen: 4.389 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009671.D
Acq: 03 Apr 2019 21:17

Instrument :
MSVOA_W
ClientSampleId :
BF5B6

Tot Ion	84	Resp	36256
Ion	Ratio	Lower	Upper
84	100		
49	137.0	98.3	182.5
86	59.8	46.4	86.2

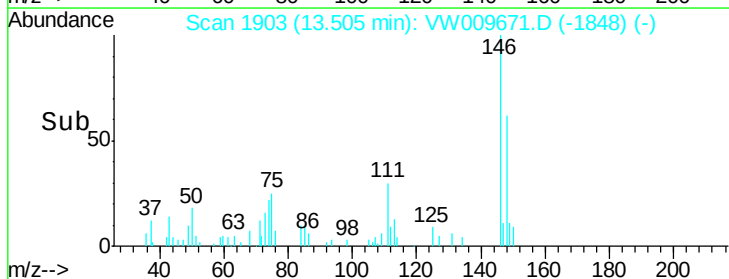
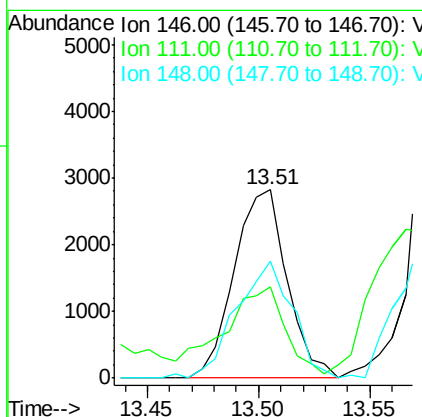
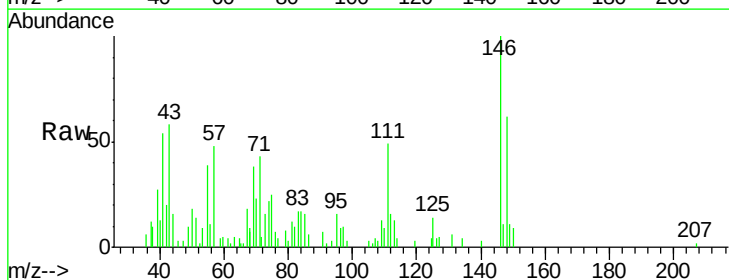
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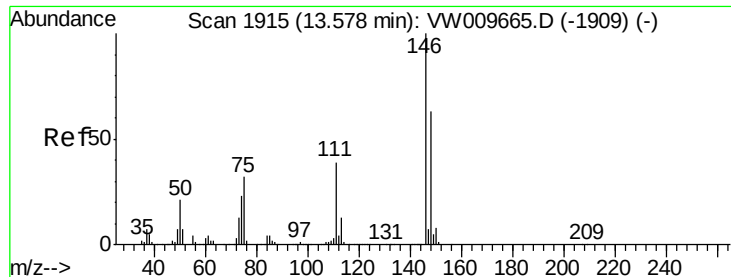
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#63
1,3-Dichlorobenzene
Concen: 0.525 ug/L
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW009671.D
Acq: 03 Apr 2019 21:17

Tgt Ion	146	Resp	4669
Ion	Ratio	Lower	Upper
146	100		
111	48.7	28.1	52.3
148	61.9	44.3	82.3





#64

1,4-Dichlorobenzene

Concen: 0.651 ug/L

RT: 13.57 min Scan# 1914

Delta R.T. -0.01 min

Lab File: VW009671.D

Acq: 03 Apr 2019 21:17

Instrument :

MSVOA_W

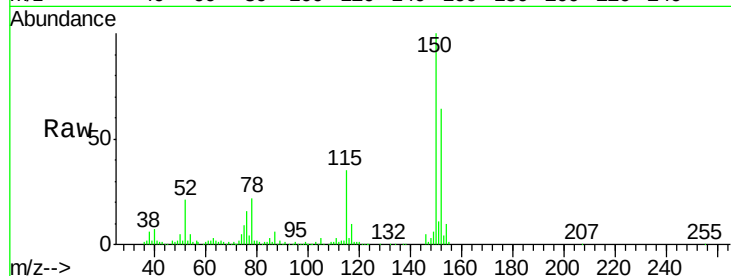
ClientSampleId :

BF5B6

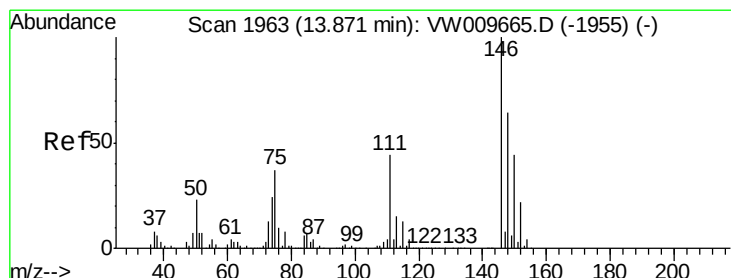
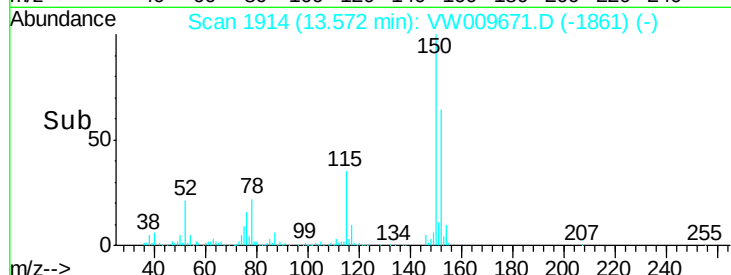
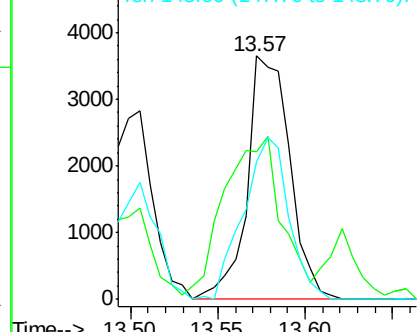
Tot Ion	Ratio	Lower	Upper
146	100		
111	60.5	27.4	50.8#
148	56.3	43.8	81.3

Manual Integrations
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4/10/2019 8:53:24 AM



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 2.010 ug/L

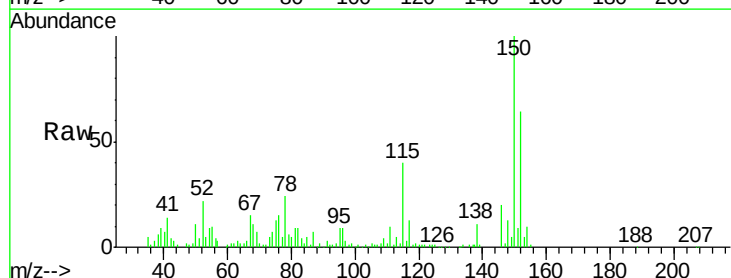
RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW009671.D

Acq: 03 Apr 2019 21:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.5	32.4	48.6#
148	67.2	50.5	75.7



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

