

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
 Data File : VW016454.D
 Acq On : 03 Sep 2020 18:30
 Operator : SY/VA
 Sample : VIBLK19
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK19

Manual Integrations
 APPROVED

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 9/4/2020 3:37:04 PM

Quant Time: Sep 04 06:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 04 04:59:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	776808	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	704373	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	325366	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	199281	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
7) Chloroethane-d5	2.90	69	183380	24.78	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.12%
10) 1,1-Dichloroethene-d2	4.03	63	319685	16.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.48%
20) 2-Butanone-d5	7.08	46	137739	46.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.60%
24) Chloroform-d	7.65	84	438563	24.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	8.31	65	245454m	24.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.68%
29) Benzene-d6	8.28	84	881090	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	9.28	67	260370	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.00%
37) Toluene-d8	10.33	98	867931	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.00%
38) trans-1,3-Dichloropropene-	10.58	79	130049	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.00%
39) 2-Hexanone-d5	10.93	63	110902	51.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	226126	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	299807	26.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.64%

Target Compounds

					Ovalue
14) Carbon disulfide	4.40	76	6638	0.227 ug/L	97
16) Methylene chloride	4.92	84	31167	2.571 ug/L	94
27) 1,2-Dichloroethane	8.40	62	3708	0.311 ug/L #	84
63) 1,3-Dichlorobenzene	13.50	146	6437	0.314 ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	6825	0.336 ug/L	95

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

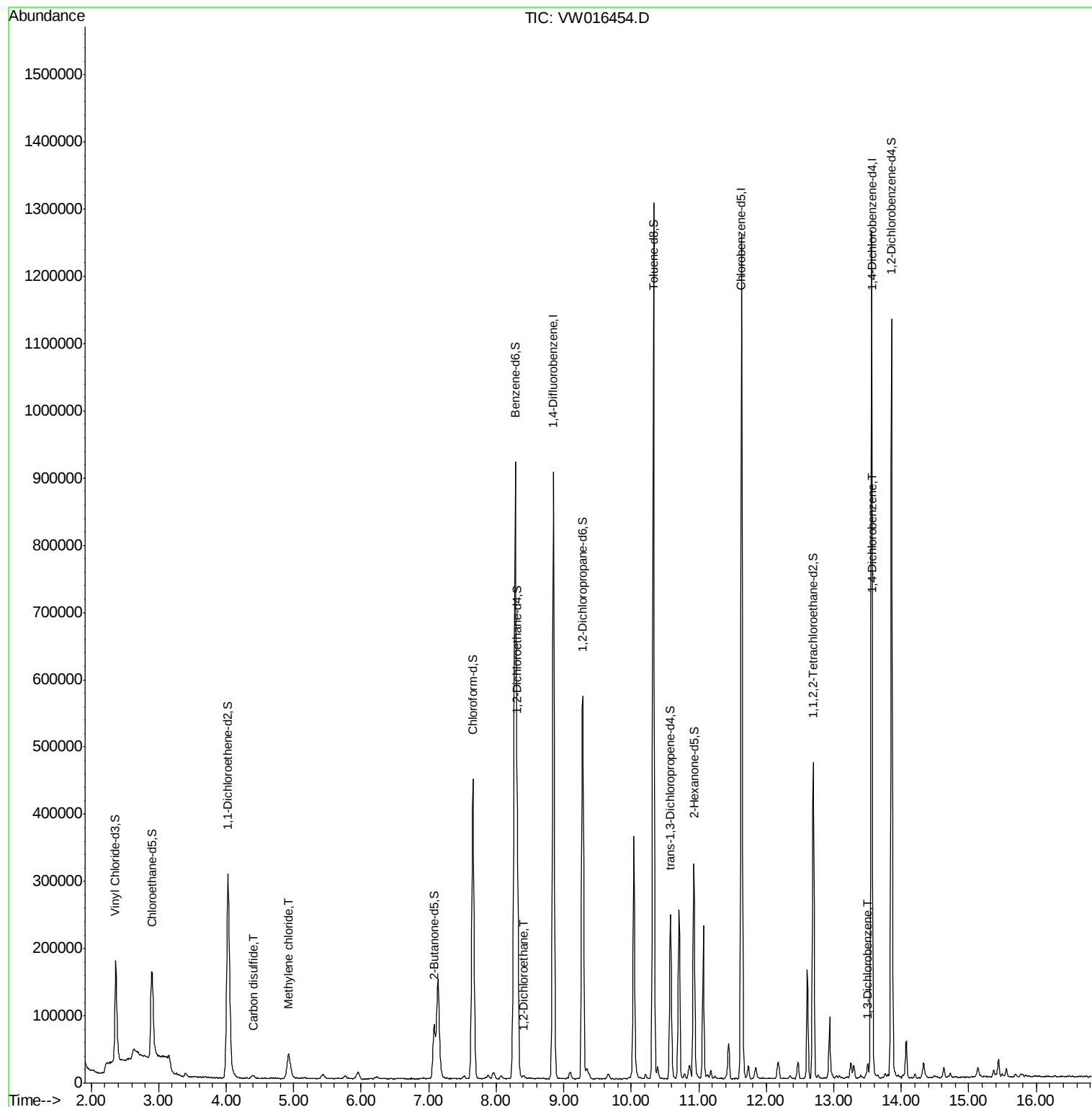
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090320\
Data File : VW016454.D
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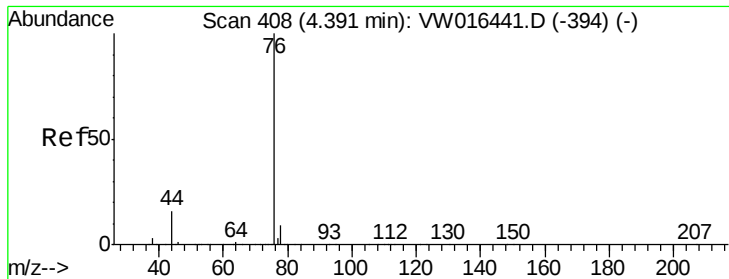
Instrument :
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Quant Time: Sep 04 06:17:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 04 04:59:18 2020
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.227 ug/L

RT: 4.40 min Scan# 410

Delta R.T. 0.01 min

Lab File: VW016454.D

Acq: 03 Sep 2020 18:30

Instrument :

MSVOA_W

ClientSampled :

VIBLK19

Tot Ion: 76 Resp: 6638

Ion Ratio Lower Upper

76 100

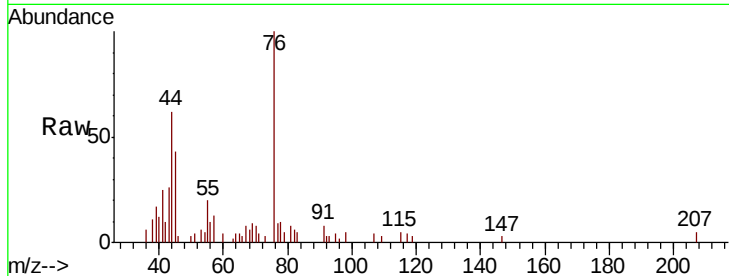
78 10.2 7.3 10.9

Manual Integrations

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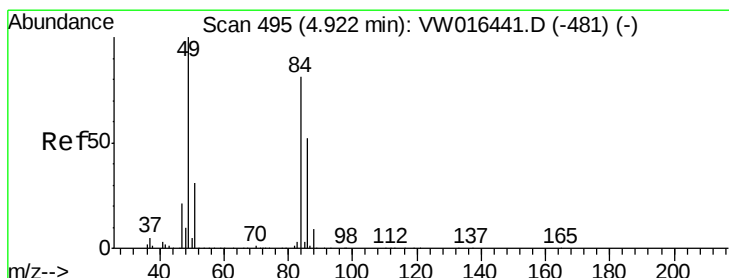
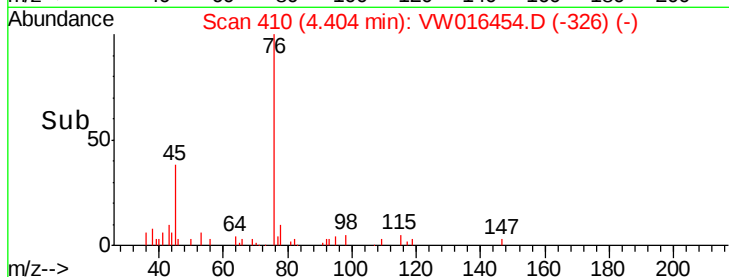
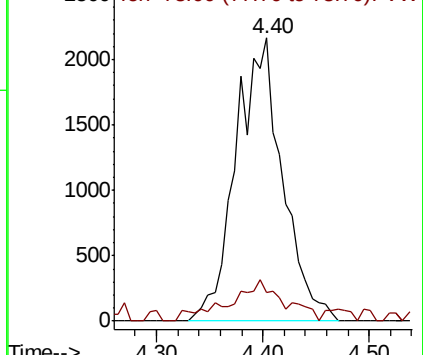
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Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#16

Methylene chloride

Concen: 2.571 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016454.D

Acq: 03 Sep 2020 18:30

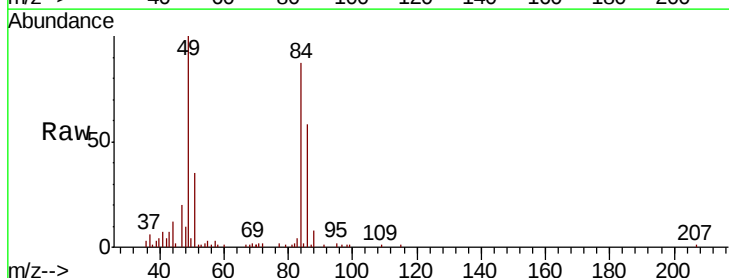
Tgt Ion: 84 Resp: 31167

Ion Ratio Lower Upper

84 100

49 115.0 86.7 160.9

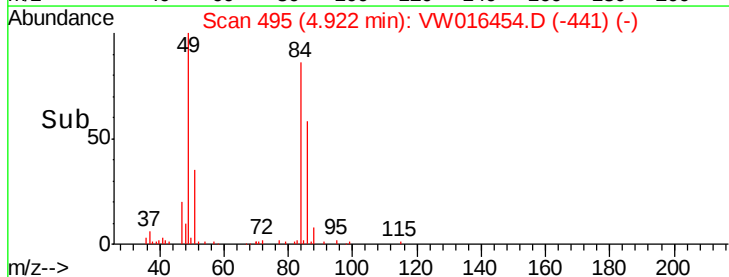
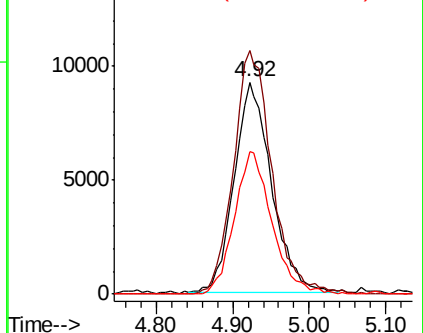
86 67.1 44.9 83.5

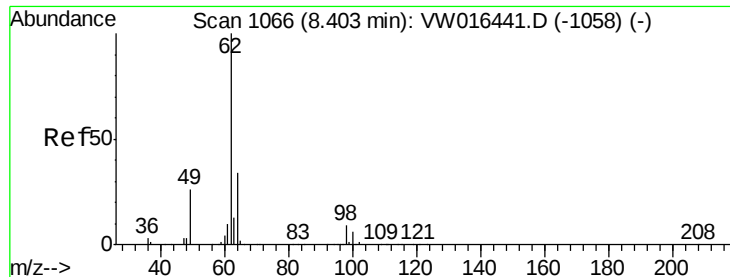


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





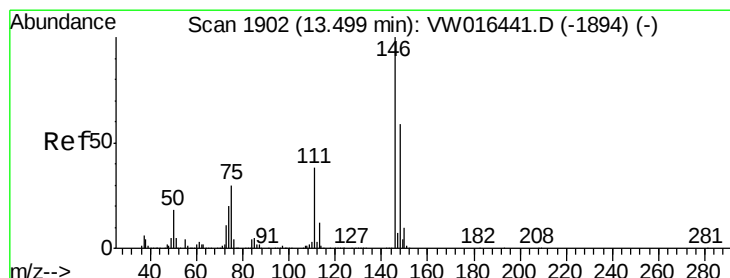
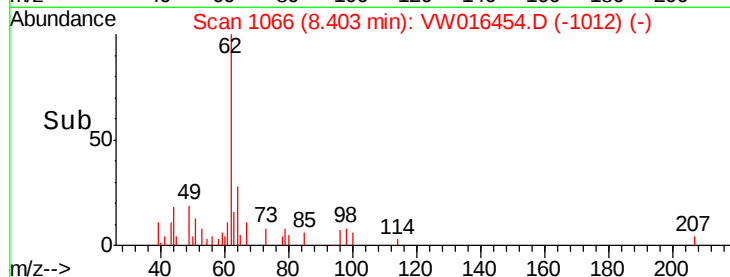
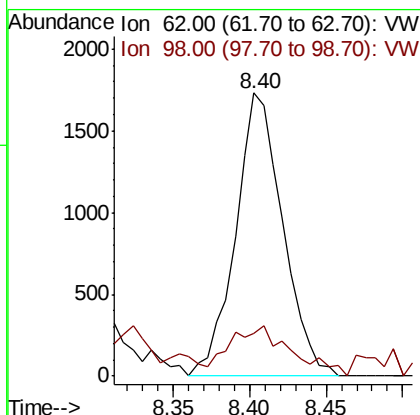
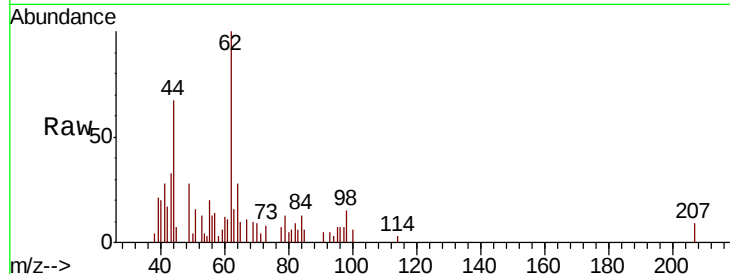
#27
 1,2-Dichloroethane
 Concen: 0.311 ug/L
 RT: 8.40 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW016454.D
 Acq: 03 Sep 2020 18:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK19

Tot Ion	Ratio	Lower	Upper
62	100		
98	15.1	7.3	10.9#

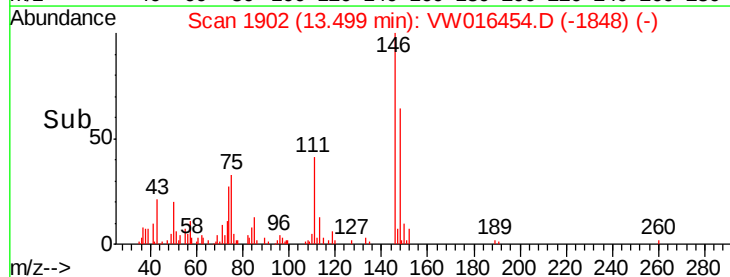
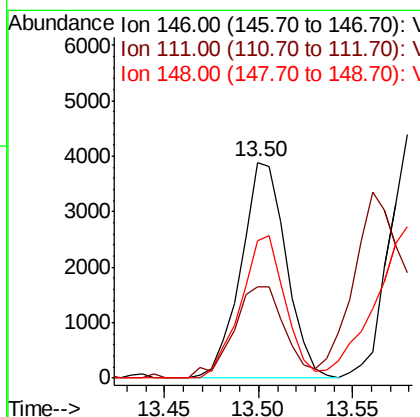
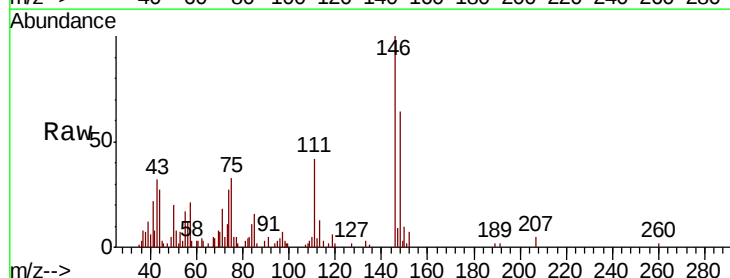
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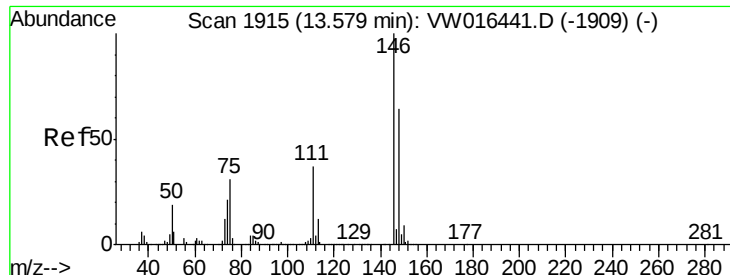
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#63
 1,3-Dichlorobenzene
 Concen: 0.314 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016454.D
 Acq: 03 Sep 2020 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	26.5	49.3
148	63.9	41.3	76.7





#64
 1,4-Dichlorobenzene
 Concen: 0.336 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016454.D
 Acq: 03 Sep 2020 18:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK19

Tot Ion:	146	Resp:	6825
Ion Ratio	Lower	Upper	
146	100		
111	43.4	26.4	49.0
148	62.2	45.1	83.9

Manual Integrations
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