

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009756.D
 Acq On : 06 Apr 2019 04:47
 Operator : SY/VA
 Sample : K2276-18
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF145

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:53 AM

Quant Time: Apr 06 07:23:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	421936	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431898	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203893	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	154322	27.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.80%
7) Chloroethane-d5	2.89	69	130751	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.40%
10) 1,1-Dichloroethene-d2	4.01	63	245100	20.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.56%
20) 2-Butanone-d5	7.08	46	109941	61.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.66%
24) Chloroform-d	7.64	84	324414	28.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.72%
26) 1,2-Dichloroethane-d4	8.31	65	208994	29.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.28%
29) Benzene-d6	8.27	84	614327	27.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.40%
33) 1,2-Dichloropropane-d6	9.27	67	191410	27.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.32%
37) Toluene-d8	10.32	98	564693	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.76%
38) trans-1,3-Dichloropropene-	10.57	79	85976	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.96%
39) 2-Hexanone-d5	10.92	63	82199	62.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	180889	27.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	211827	29.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	4944	2.574	ug/L	92
16) Methylene chloride	4.92	84	14396m	1.935	ug/L	
22) cis-1,2-Dichloroethene	7.16	96	3142	0.504	ug/L	77
42) cis-1,3-Dichloropropene	10.04	75	6725	0.653	ug/L	86
47) Tetrachloroethene	10.86	164	187216	34.955	ug/L	96

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

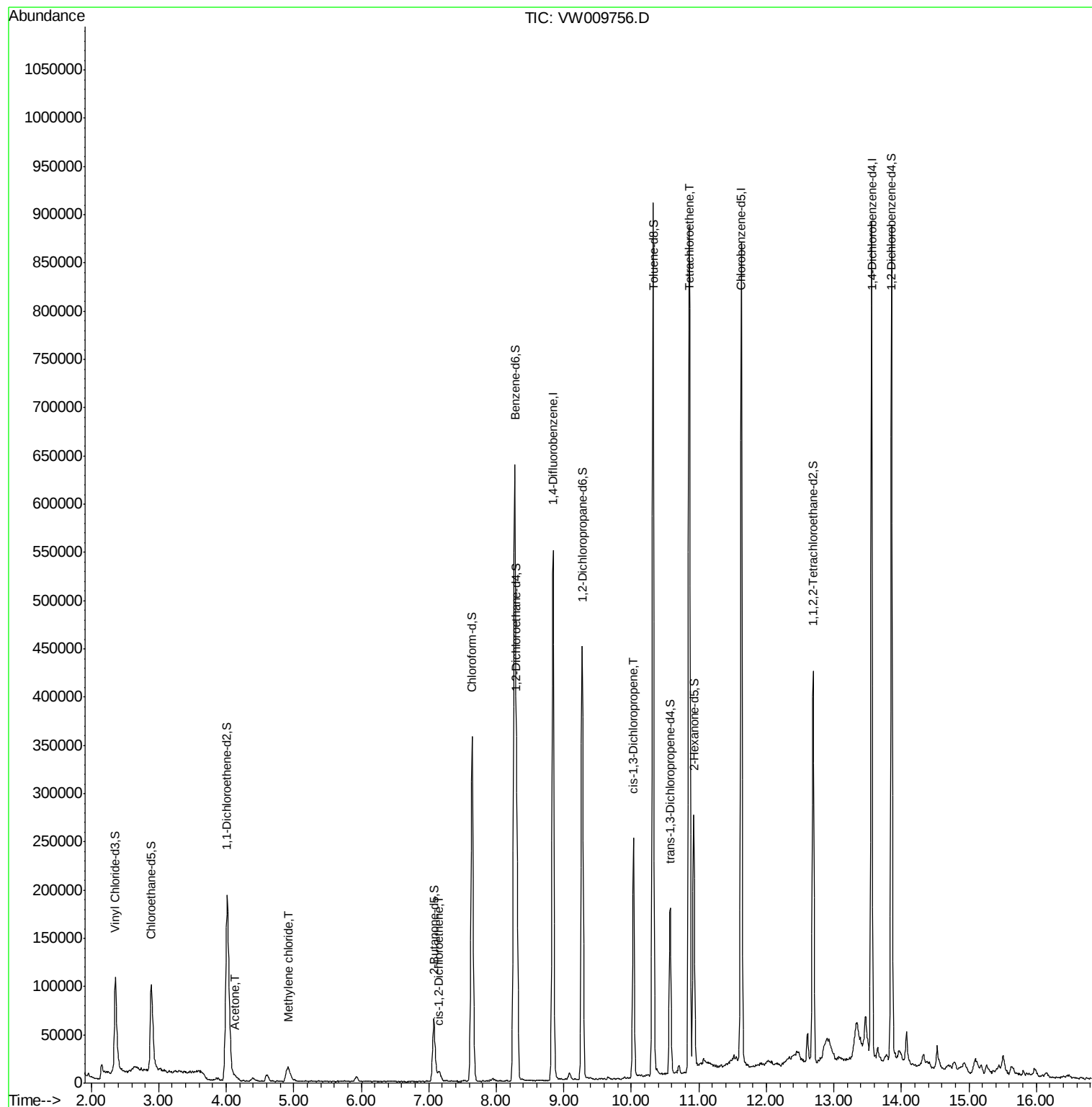
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
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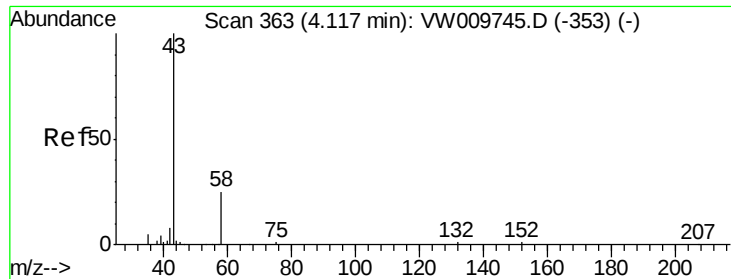
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Apr 06 07:23:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration





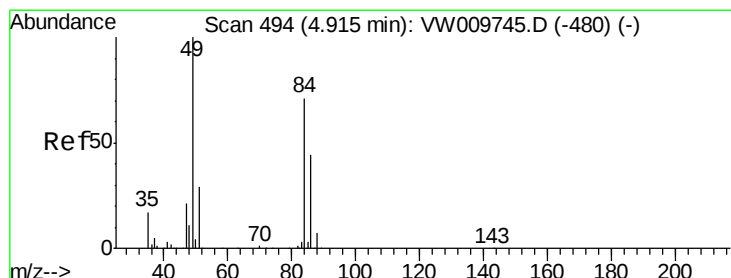
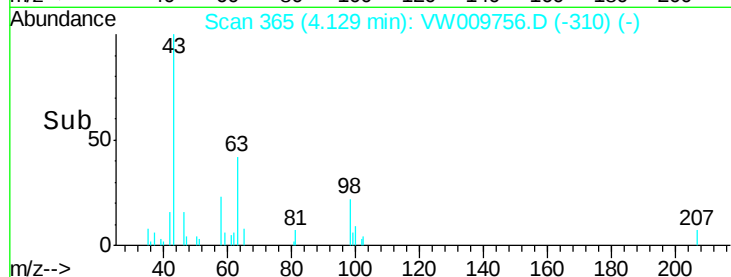
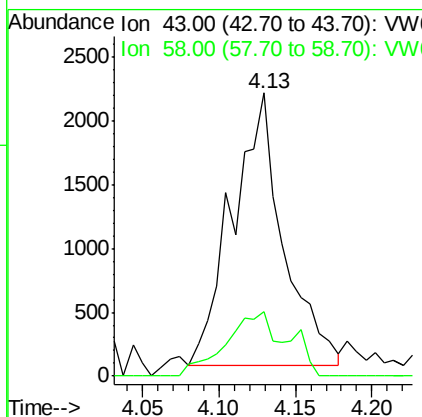
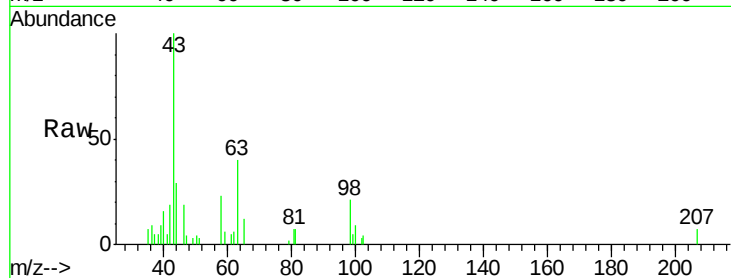
#13
Acetone
Concen: 2.574 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW009756.D
Acq: 06 Apr 2019 04:47

Instrument :
MSVOA_W
ClientSampleId :
BF145

Tot Ion: 43 Resp: 4944
Ion Ratio Lower Upper
43 100
58 22.5 0.0 53.0

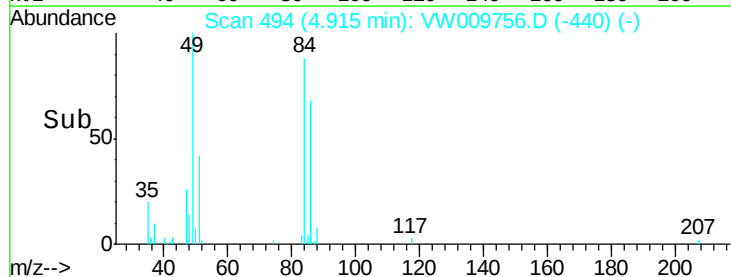
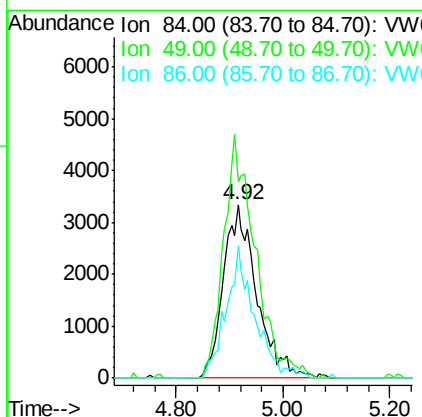
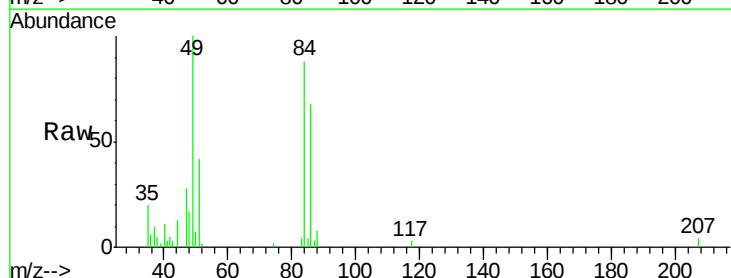
Manual Integrations
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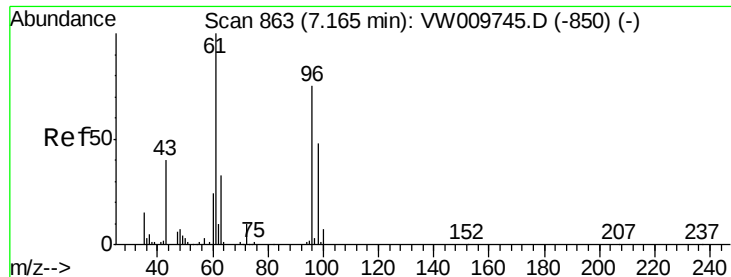
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#16
Methylene chloride
Concen: 1.935 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009756.D
Acq: 06 Apr 2019 04:47

Tgt Ion: 84 Resp: 14396
Ion Ratio Lower Upper
84 100
49 113.2 98.3 182.5
86 76.6 46.4 86.2





#22

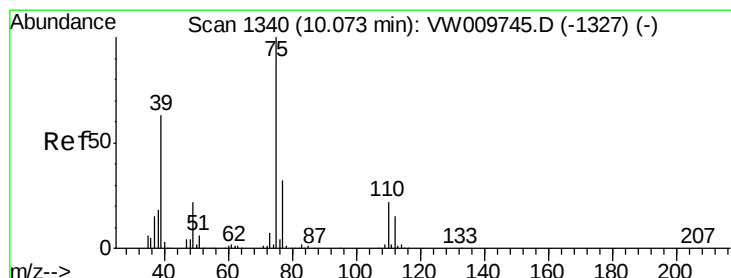
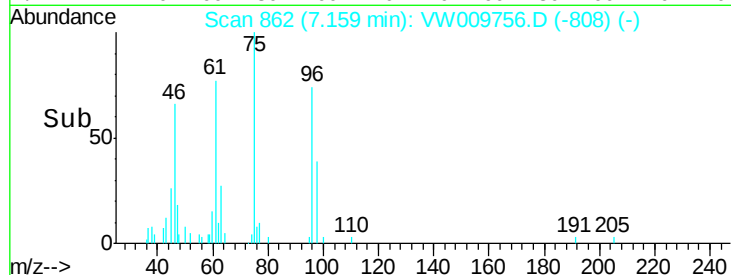
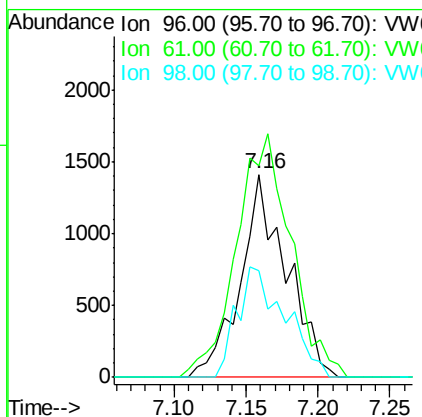
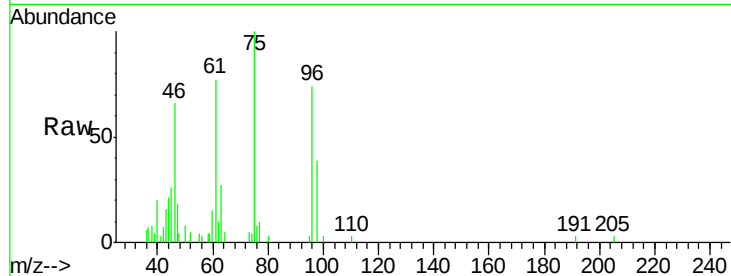
cis-1,2-Dichloroethene
 Concen: 0.504 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW009756.D
 Acq: 06 Apr 2019 04:47

Instrument :
 MSVOA_W
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Tot Ion	Ratio	Lower	Upper
96	100		
61	104.5	96.8	179.8
98	52.4	43.5	80.9

Manual Integrations
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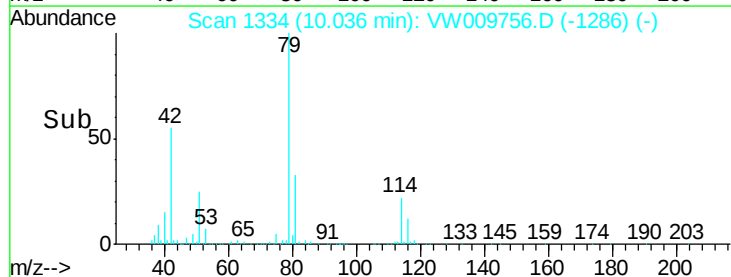
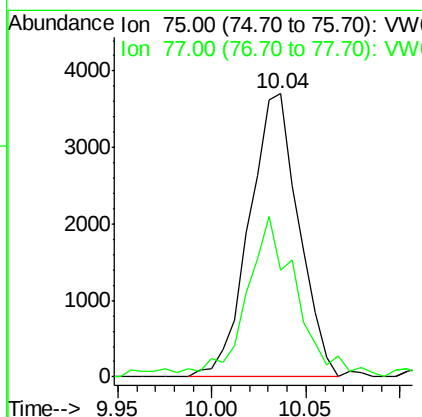
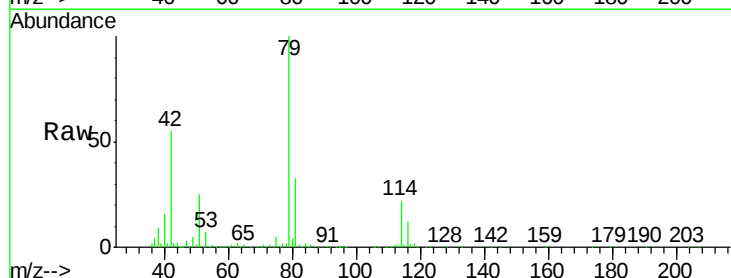
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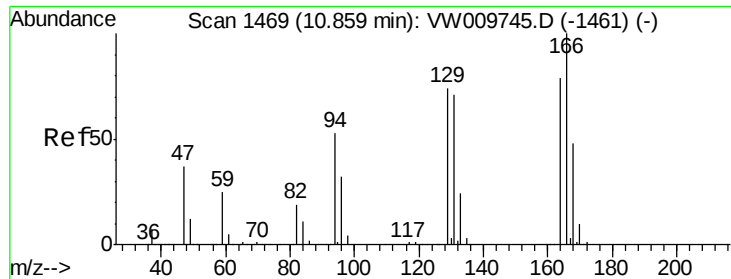


#42

cis-1,3-Dichloropropene
 Concen: 0.653 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW009756.D
 Acq: 06 Apr 2019 04:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.6	21.0	39.0





#47

Tetrachloroethene

Concen: 34.955 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009756.D

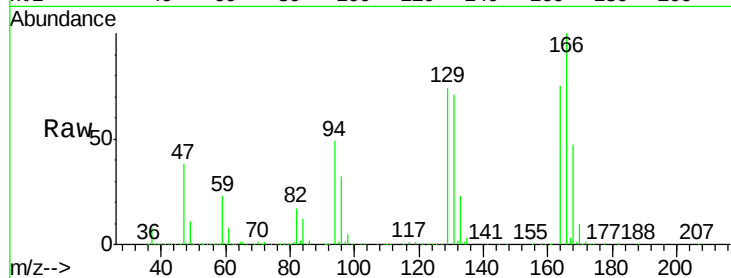
Acq: 06 Apr 2019 04:47

Instrument :

MSVOA_W

ClientSampleId :

BF145



Tot Ion:164 Resp: 187216

Ion Ratio Lower Upper

164 100

129 97.9 68.9 127.9

131 94.2 63.1 117.1

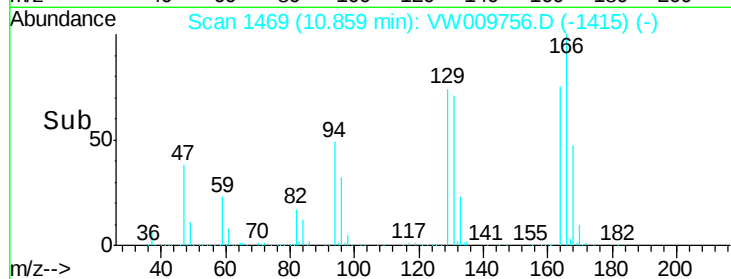
166 132.6 88.5 164.4

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

