

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040119\
 Data File : VW009630.D
 Acq On : 01 Apr 2019 18:21
 Operator : SY/VA
 Sample : K2167-14
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF115

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:30:26 AM

Quant Time: Apr 02 02:13:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 01:34:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	472496	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	436010	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175850	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120810	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
7) Chloroethane-d5	2.89	69	120413	18.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.92%
10) 1,1-Dichloroethene-d2	4.01	63	200522	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	7.07	46	97680	41.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.66%
24) Chloroform-d	7.64	84	285051	22.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	8.30	65	175966	22.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.60%
29) Benzene-d6	8.27	84	501269	20.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.40%
33) 1,2-Dichloropropane-d6	9.27	67	161568	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.48%
37) Toluene-d8	10.32	98	425009	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.48%
38) trans-1,3-Dichloropropene-	10.58	79	71046	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.36%
39) 2-Hexanone-d5	10.93	63	74337	42.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153583	21.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	145014	21.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.04%

Target Compounds

					Ovalue
13) Acetone	4.12	43	4252	2.220 ug/L	86
16) Methylene chloride	4.93	84	17650m	2.562 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	14071	2.123 ug/L	97
35) Trichloroethene	9.09	95	36938	5.809 ug/L	95
47) Tetrachloroethene	10.86	164	862834	160.585 ug/L	97

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

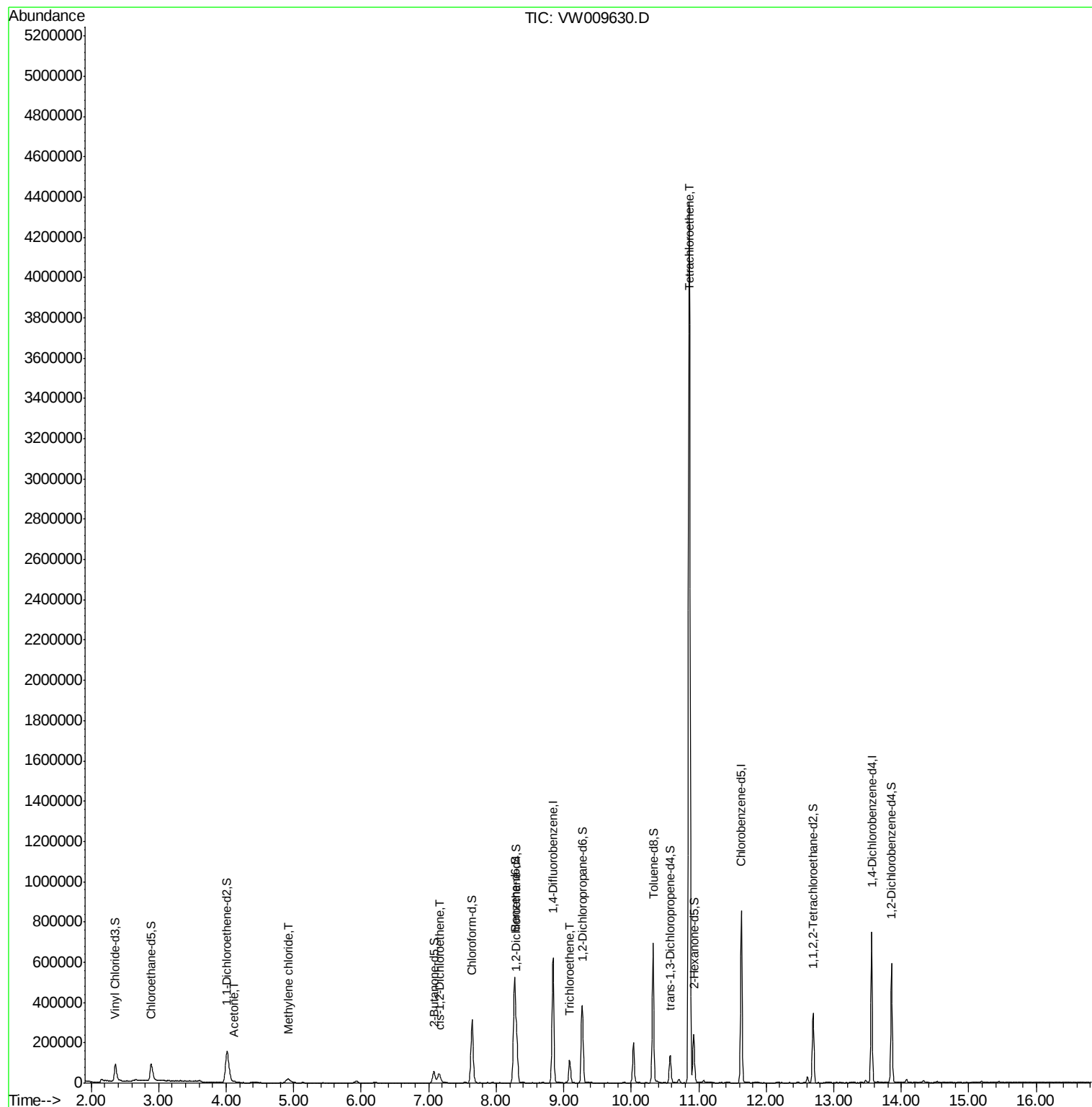
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040119\
Data File : VW009630.D
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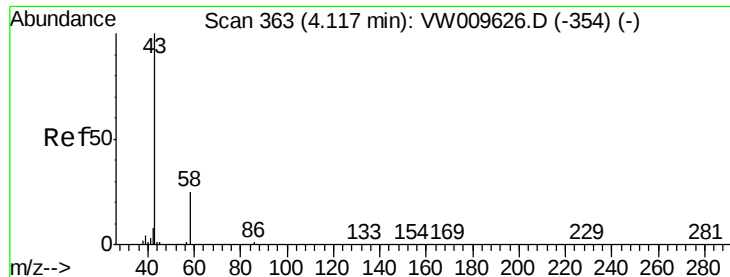
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Apr 02 02:13:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration





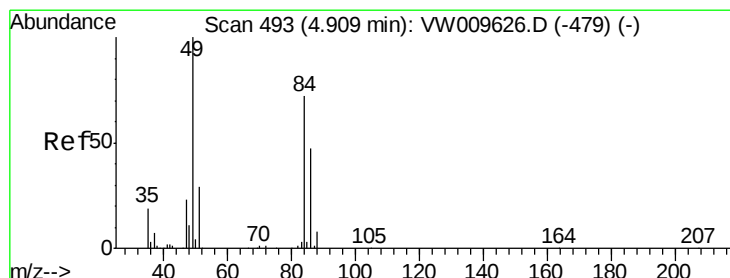
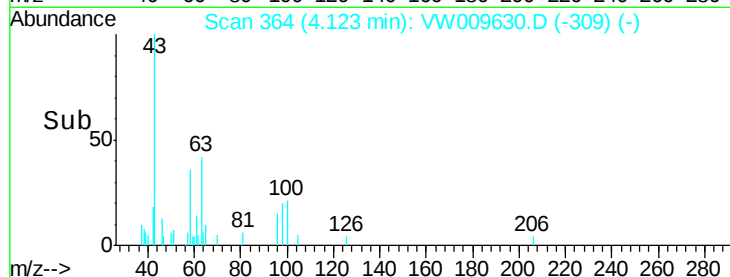
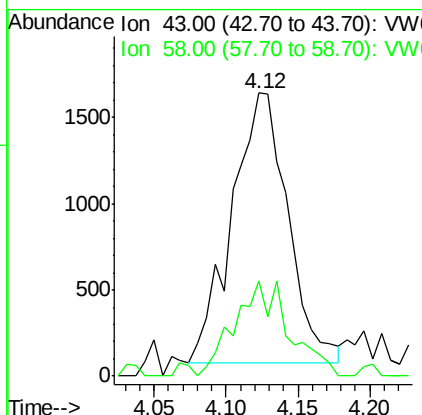
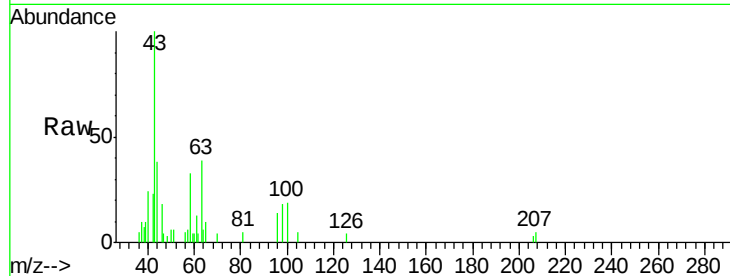
#13
Acetone
Concen: 2.220 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009630.D
Acq: 01 Apr 2019 18:21

Instrument :
MSVOA_W
ClientSampleId :
BF115

Tot Ion	43	Resp	4252
Ion Ratio	100	Lower	Upper
58	20.8	0.0	56.2

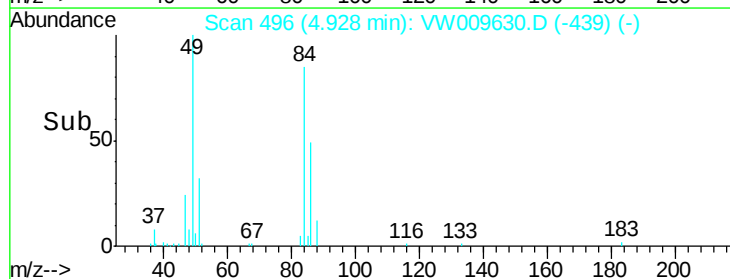
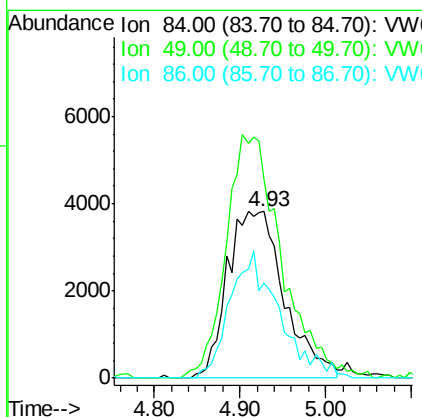
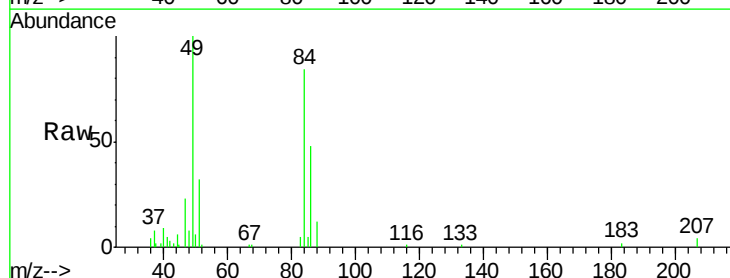
Manual Integrations
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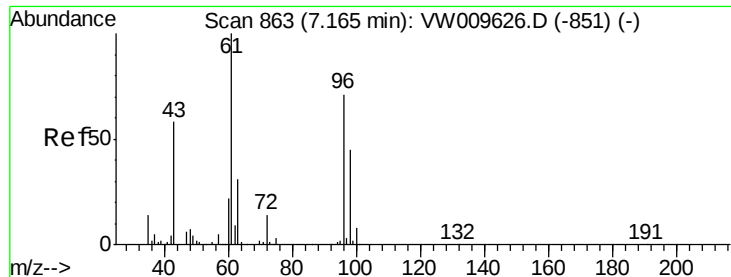
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#16
Methylene chloride
Concen: 2.562 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.02 min
Lab File: VW009630.D
Acq: 01 Apr 2019 18:21

Tgt Ion	84	Resp	17650
Ion Ratio	100	Lower	Upper
49	119.1	96.0	178.2
86	57.4	44.4	82.5





#22

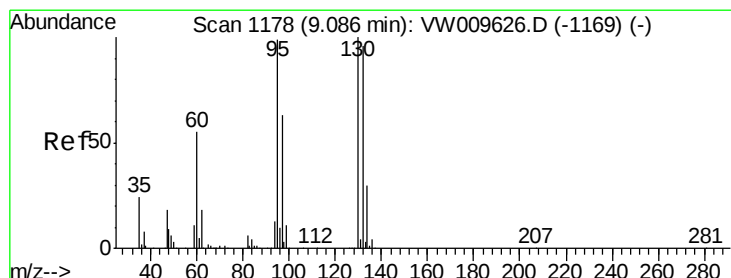
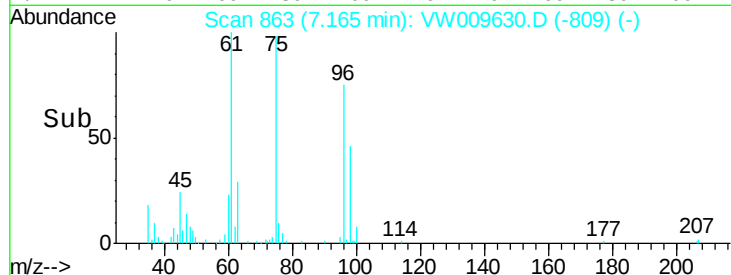
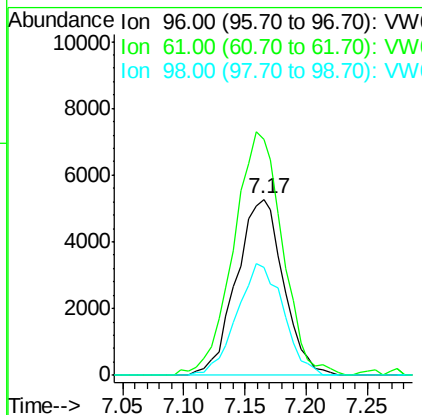
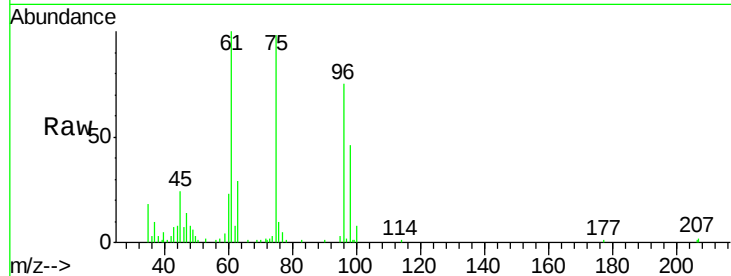
cis-1,2-Dichloroethene
Concen: 2.123 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW009630.D
Acq: 01 Apr 2019 18:21

Instrument :
MSVOA_W
ClientSampled :
BF115

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	90.6	168.3
98	61.4	44.0	81.8

Manual Integrations
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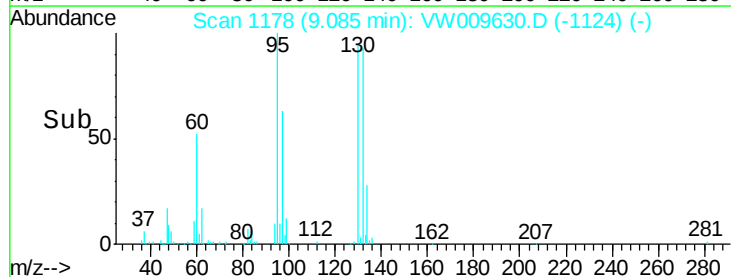
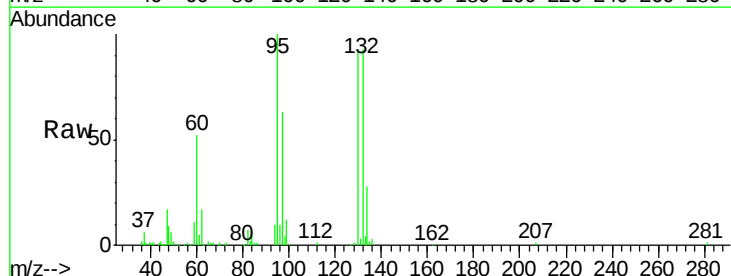
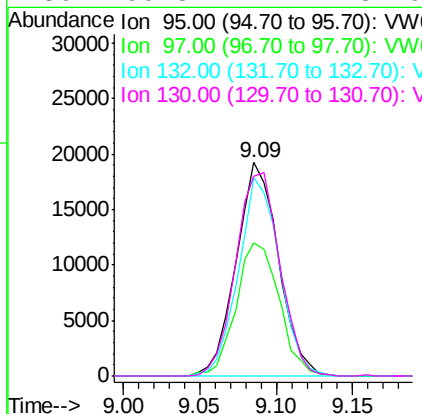
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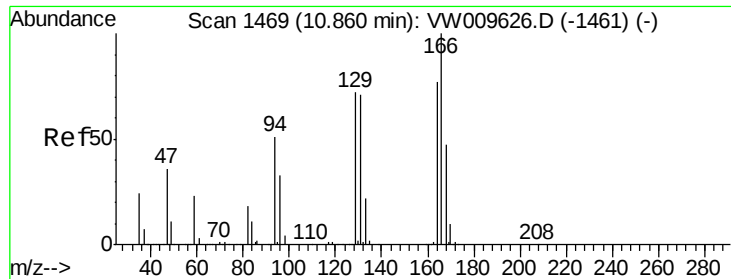


#35

Trichloroethene
Concen: 5.809 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW009630.D
Acq: 01 Apr 2019 18:21

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.7	82.9
132	90.6	69.0	128.2
130	99.3	72.7	134.9





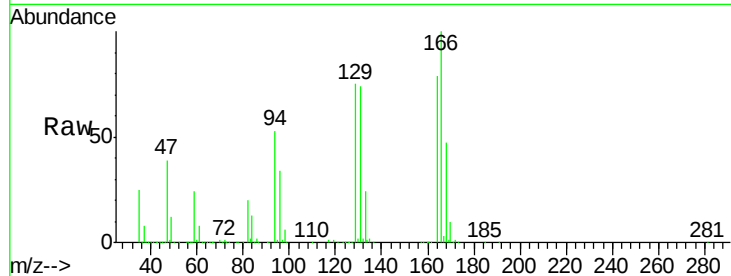
#47
Tetrachloroethene
Concen: 160.585 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009630.D
Acq: 01 Apr 2019 18:21

Instrument :
MSVOA_W
ClientSampleId :
BF115

Tot Ion	Ratio	Resp	Lower	Upper
164	100	862834		
129	94.6	66.5	123.5	
131	93.3	62.6	116.3	
166	126.7	91.6	170.0	

Manual Integrations
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Abundance Ion 164.00 (163.70 to 164.70): V
1000000
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

