

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040619\
 Data File : VW009775.D
 Acq On : 06 Apr 2019 16:24
 Operator : SY/VA
 Sample : K2277-22
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R6

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:07 AM

Quant Time: Apr 24 03:48:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	476754	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	453466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196909	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	162523	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.20%
7) Chloroethane-d5	2.89	69	146017	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.20%
10) 1,1-Dichloroethene-d2	4.01	63	281694	21.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.00%
20) 2-Butanone-d5	7.07	46	92980	45.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.80%
24) Chloroform-d	7.64	84	359721	27.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	8.31	65	217262m	27.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.80%
29) Benzene-d6	8.27	84	691145	29.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.12%
33) 1,2-Dichloropropane-d6	9.27	67	210596	28.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.56%
37) Toluene-d8	10.32	98	636953	28.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.76%
38) trans-1,3-Dichloropropene-	10.58	79	88703	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.20%
39) 2-Hexanone-d5	10.93	63	70271	50.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161533	23.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	213699	30.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.72%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	9182	4.231	ug/L	83
16) Methylene chloride	4.90	84	9205m	1.095	ug/L	
22) cis-1,2-Dichloroethene	7.16	96	17235	2.447	ug/L	94
35) Trichloroethene	9.09	95	9887	1.385	ug/L	90
47) Tetrachloroethene	10.86	164	3215165	571.744	ug/L	98

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

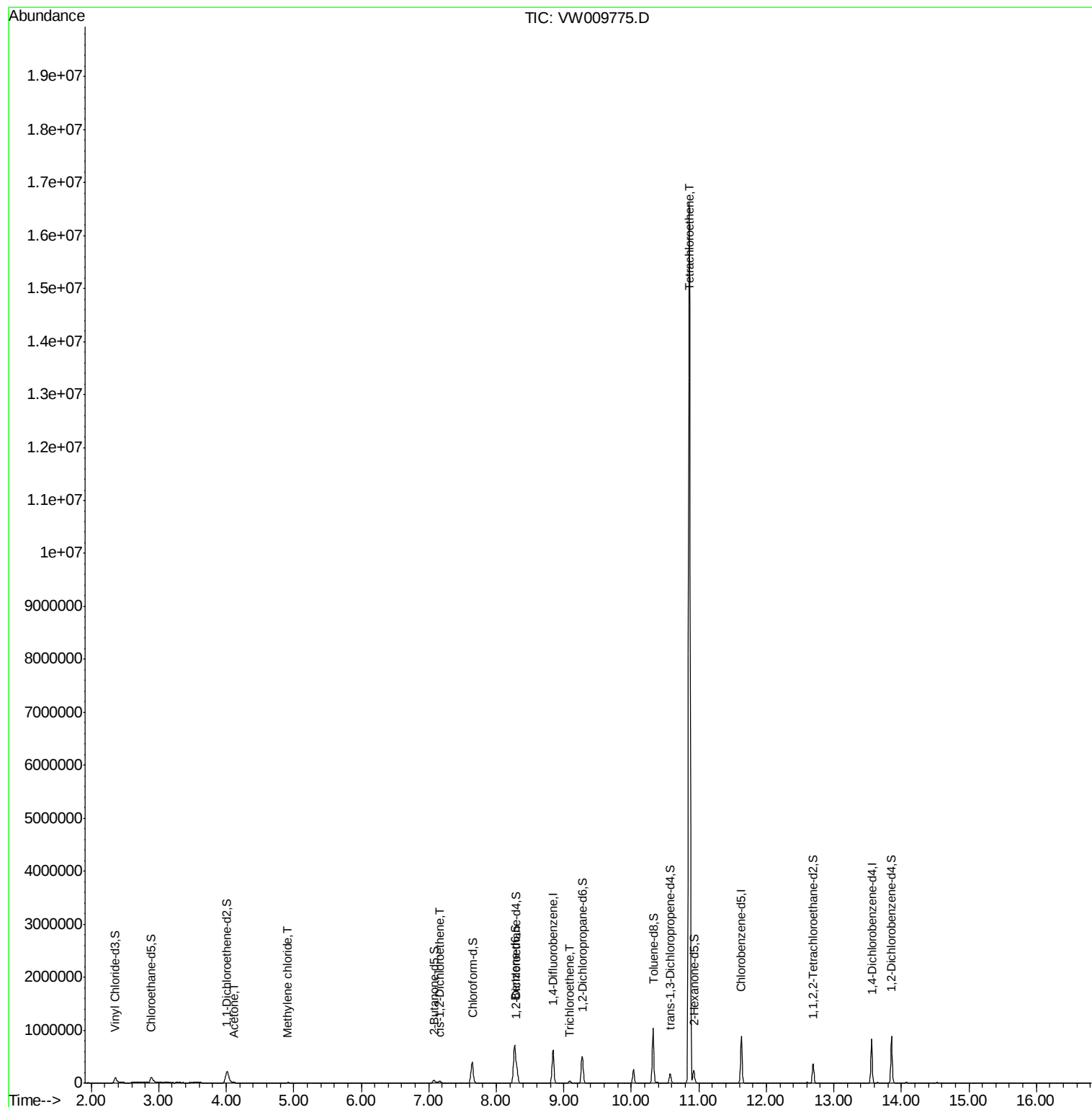
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040619\
Data File : VW009775.D
Acq On : 06 Apr 2019 16:24
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ALS Vial : 1 Sample Multiplier: 1

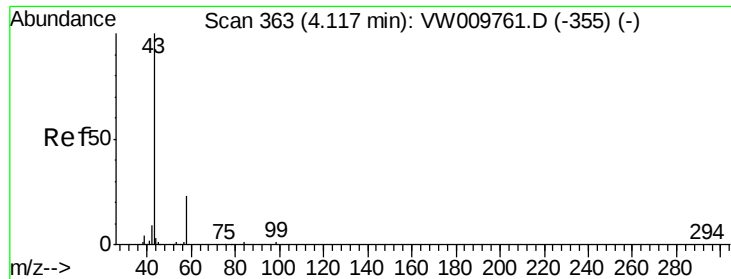
Instrument :
MSVOA_W
ClientSampleId :
BF2R6

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Quant Time: Apr 24 03:48:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.231 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009775.D

Acq: 06 Apr 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

BF2R6

Tot Ion: 43 Resp: 9182

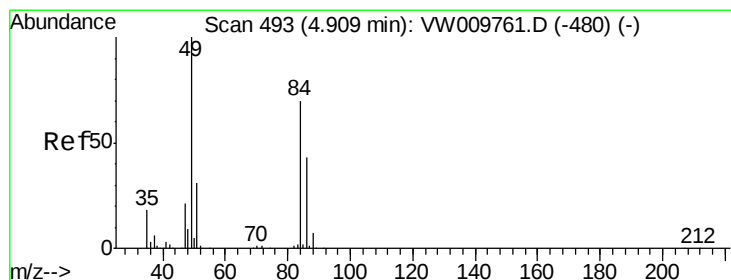
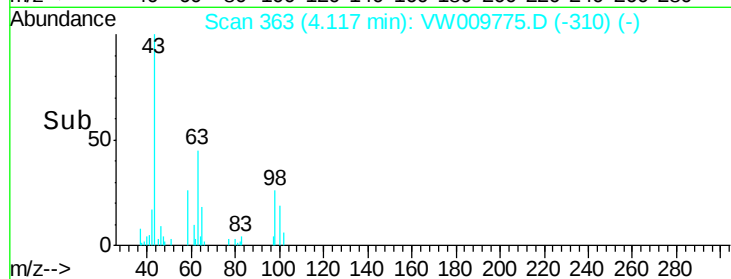
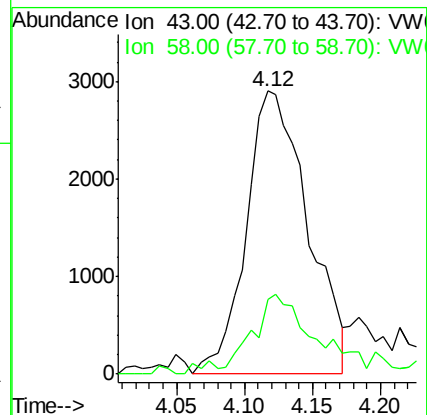
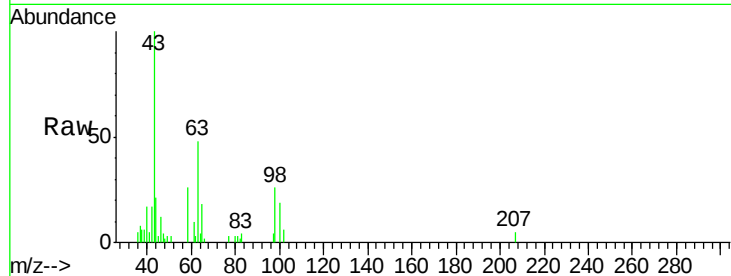
Ion Ratio Lower Upper

43 100

58 17.9 0.0 53.0

Manual Integrations
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#16

Methylene chloride

Concen: 1.095 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009775.D

Acq: 06 Apr 2019 16:24

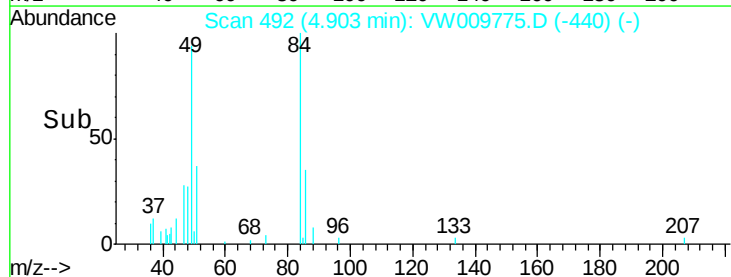
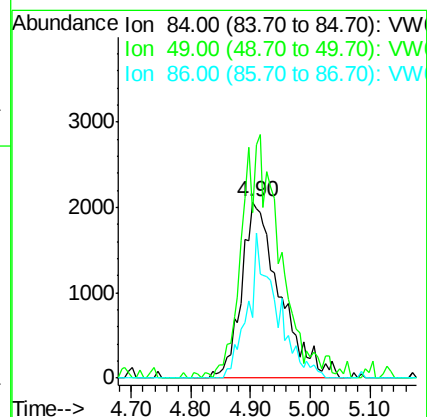
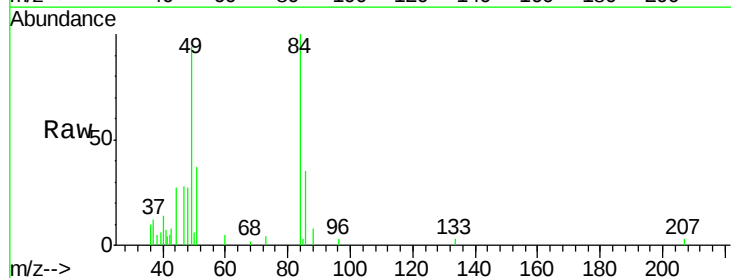
Tgt Ion: 84 Resp: 9205

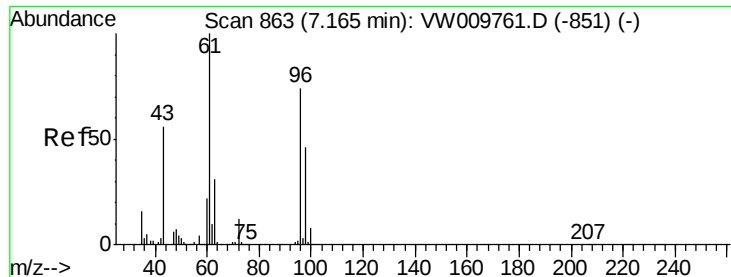
Ion Ratio Lower Upper

84 100

49 93.8 98.3 182.5#

86 34.7 46.4 86.2#





#22

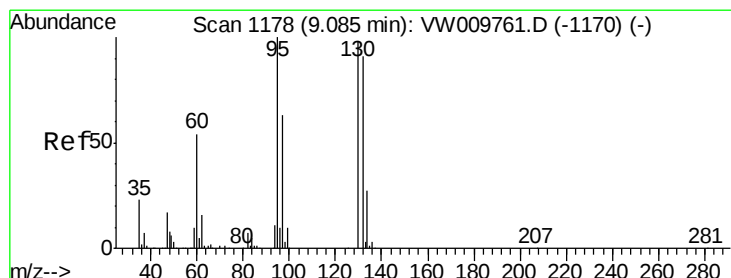
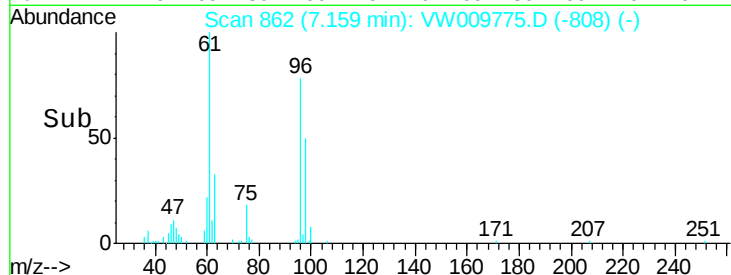
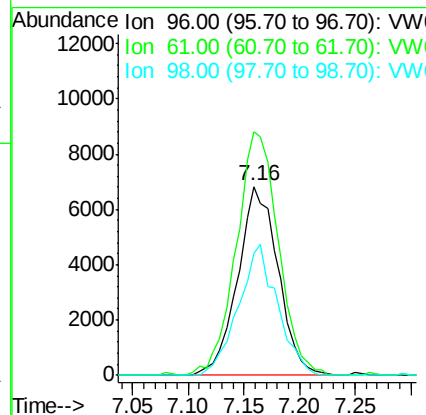
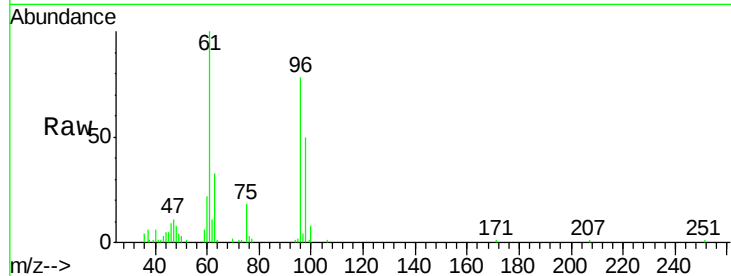
cis-1,2-Dichloroethene
Concen: 2.447 ug/L
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW009775.D
Acq: 06 Apr 2019 16:24

Instrument :
MSVOA_W
ClientSampled :
BF2R6

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	96.8	179.8
98	64.8	43.5	80.9

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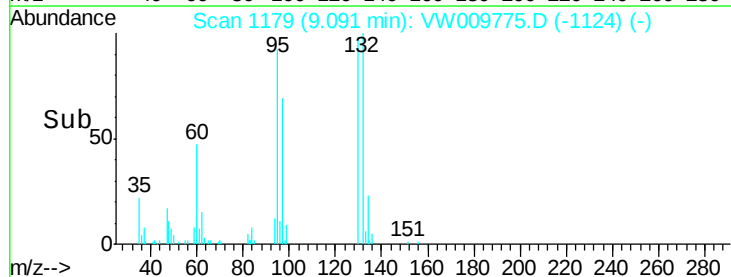
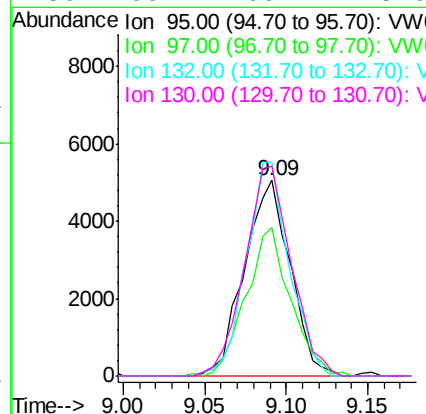
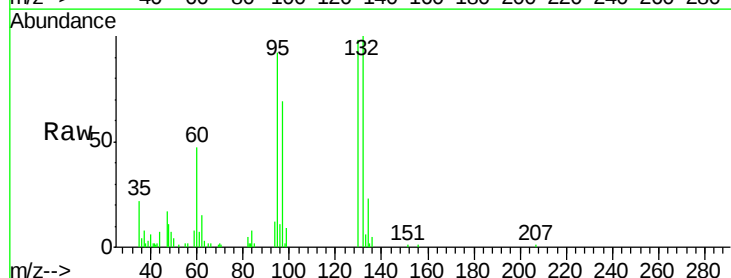
MMDadoda
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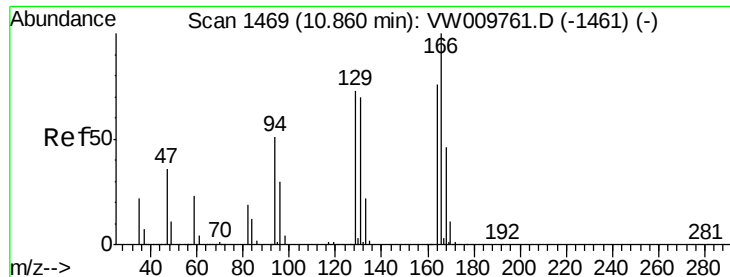


#35

Trichloroethene
Concen: 1.385 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009775.D
Acq: 06 Apr 2019 16:24

Tgt Ion	Ratio	Lower	Upper
95	100		
97	73.6	44.9	83.5
132	102.8	67.1	124.7
130	109.2	69.2	128.6





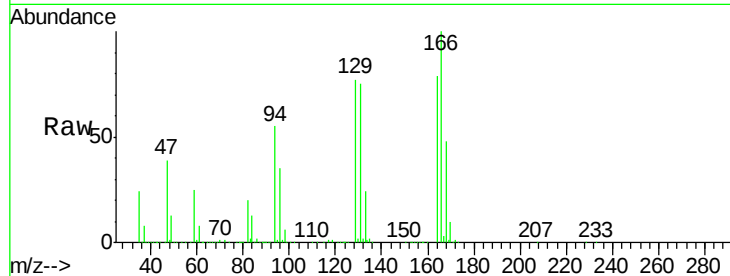
#47
Tetrachloroethene
Concen: 571.744 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009775.D
Acq: 06 Apr 2019 16:24

Instrument :
MSVOA_W
ClientSampleId :
BF2R6

Tot Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.9	127.9
131	94.6	63.1	117.1
166	126.7	88.5	164.4

Manual Integrations
APPROVED

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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

