

Data File : VV009950.D
Acq On : 28 Mar 2019 02:06
Operator : SY/MD
Sample : K2101-13
Misc : 4.78G/10mL/MSVOA_V/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0C7

Manual Integrations
APPROVED

MMDadoda
3/29/2019 1:13:23 PM

Quant Time: Mar 29 13:36:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	114036	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	110973	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43603	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	49276	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.16%
7) Chloroethane-d5	1.55	69	59643	23.86	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.44%
10) 1,1-Dichloroethene-d2	2.11	63	51007	8.06	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	32.24%#
20) 2-Butanone-d5	3.92	46	35499	82.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.64%#
24) Chloroform-d	4.39	84	62205	21.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.64%
26) 1,2-Dichloroethane-d4	5.07	65	48754	27.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.52%
29) Benzene-d6	5.09	84	145622	24.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.96%
33) 1,2-Dichloropropane-d6	6.11	67	46147	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.28%
37) Toluene-d8	7.36	98	118946	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.24%
38) trans-1,3-Dichloropropene-	7.66	79	13643	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.24%
39) 2-Hexanone-d5	8.13	63	24572	77.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.42%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47531	28.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	39307	23.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.72%

Target Compounds

					Qvalue
13) Acetone	2.19	43	2842	4.353 ug/L	67
16) Methylene chloride	2.53	84	3615	1.925 ug/L	91
22) cis-1,2-Dichloroethene	3.95	96	3494	2.118 ug/L	97
35) Trichloroethene	5.96	95	2571m	1.599 ug/L	
47) Tetrachloroethene	8.02	164	48562	38.285 ug/L	96

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

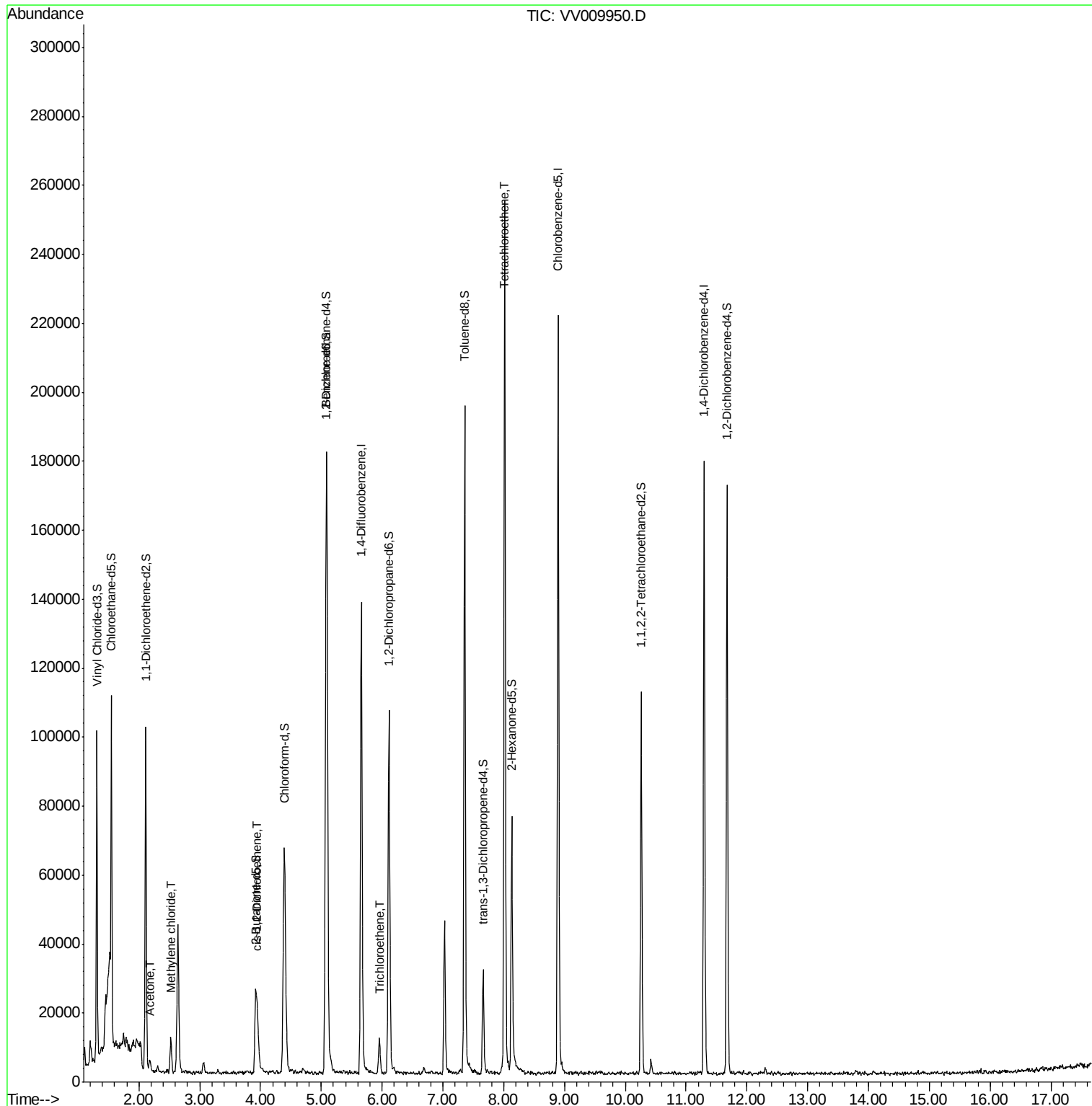
Data File : VV009950.D
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Misc : 4.78G/10mL/MSVOA_V/SOIL
ALS Vial : 31 Sample Multiplier: 1

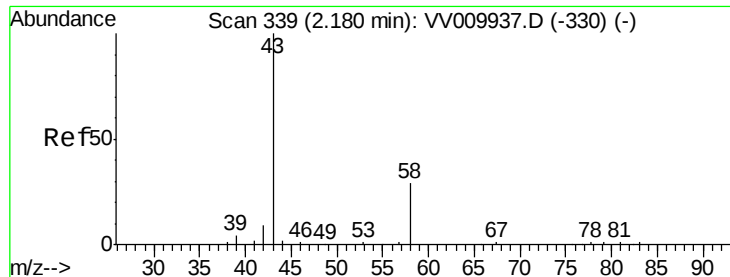
Instrument :
MSVOA_V
ClientSampleId :
BF0C7

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Quant Time: Mar 29 13:36:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.353 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV009950.D

Acq: 28 Mar 2019 02:06

Instrument :

MSVOA_V

ClientSampleId :

BF0C7

Tgt Ion: 43 Resp: 2842

Ion Ratio Lower Upper

43 100

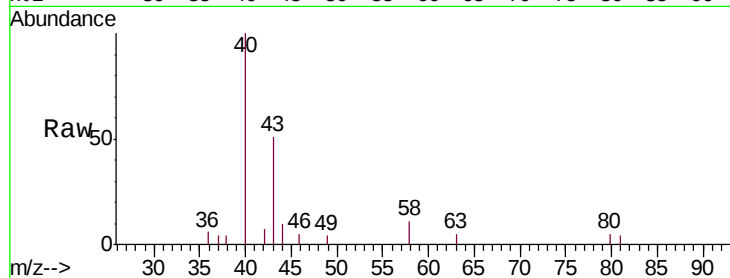
58 12.1 0.0 59.4

Manual Integrations

APPROVED

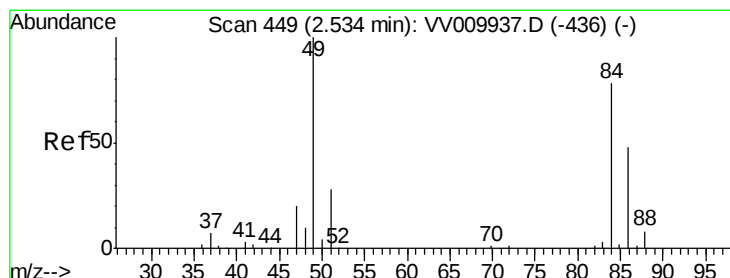
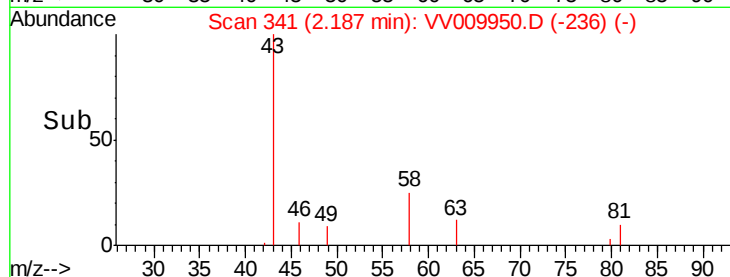
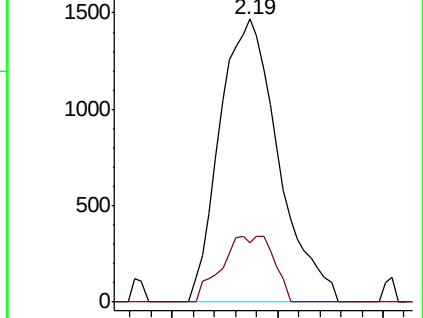
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Abundance Ion 43.00 (42.70 to 43.70): VV009937.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV009937.D (-330) (-)



#16

Methylene chloride

Concen: 1.925 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV009950.D

Acq: 28 Mar 2019 02:06

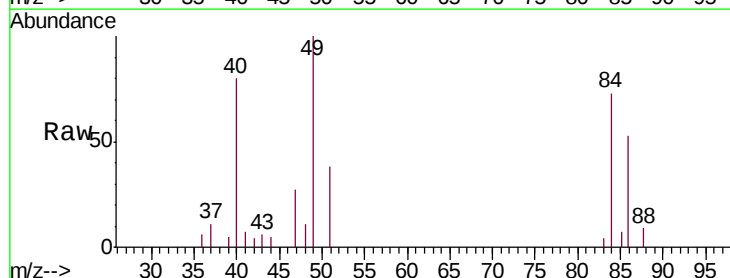
Tgt Ion: 84 Resp: 3615

Ion Ratio Lower Upper

84 100

49 137.7 90.4 167.8

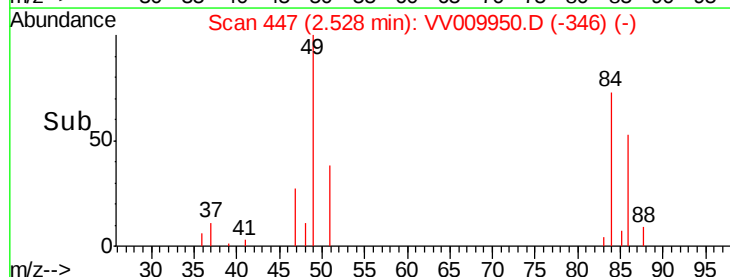
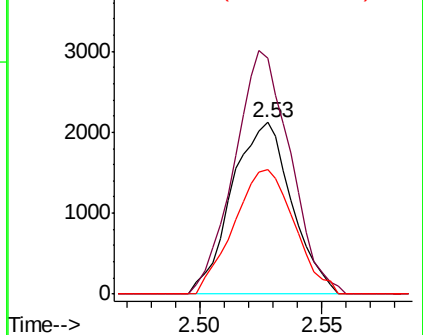
86 72.7 44.0 81.6

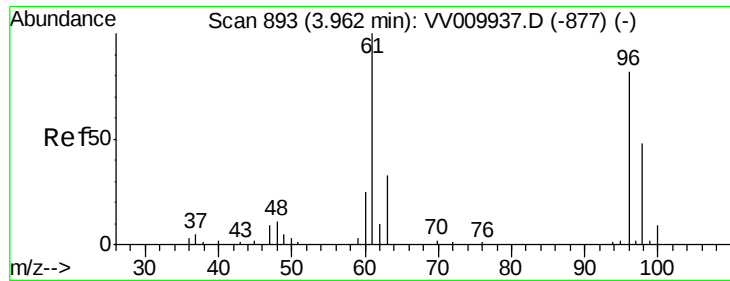


Abundance Ion 84.00 (83.70 to 84.70): VV009937.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009937.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009937.D (-436) (-)





#22

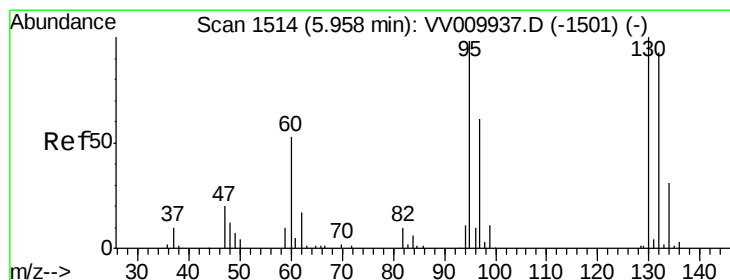
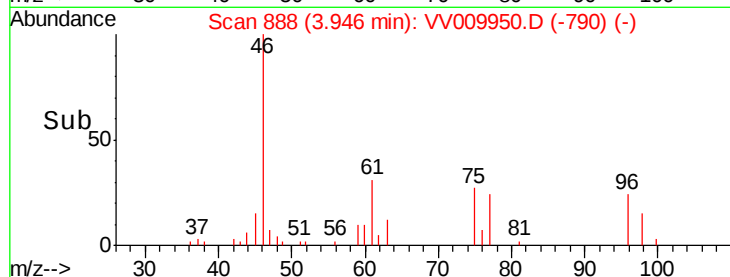
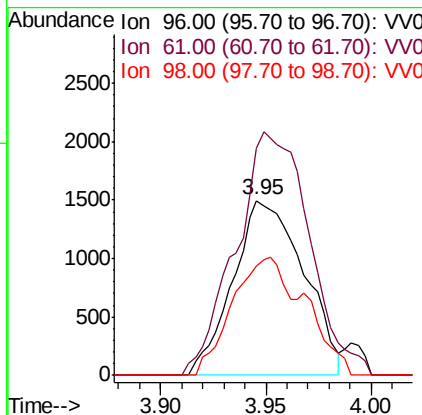
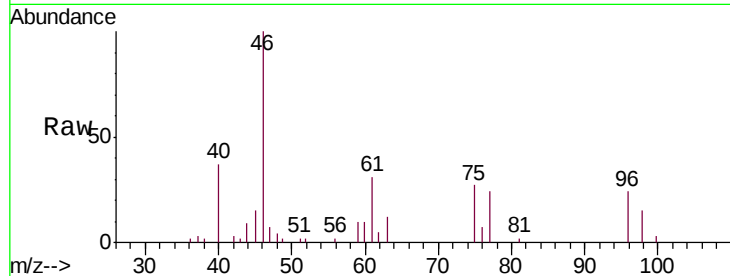
cis-1,2-Dichloroethene
Concen: 2.118 ug/L
RT: 3.95 min Scan# 888
Delta R.T. -0.02 min
Lab File: VV009950.D
Acq: 28 Mar 2019 02:06

Instrument :
MSVOA_V
ClientSampled :
BF0C7

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.6	91.4	169.8
98	62.6	48.0	89.2

Manual Integrations
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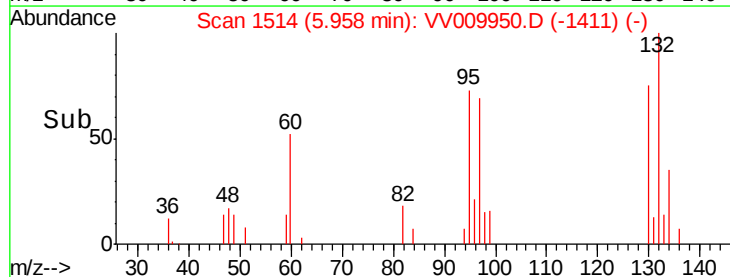
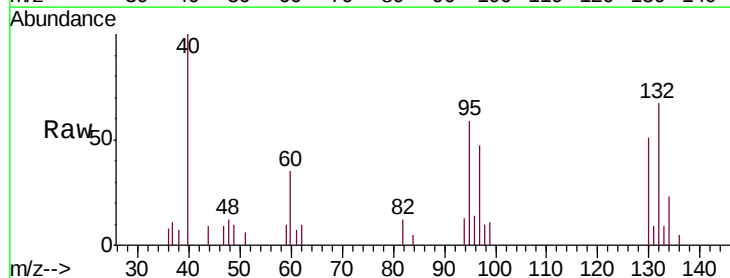
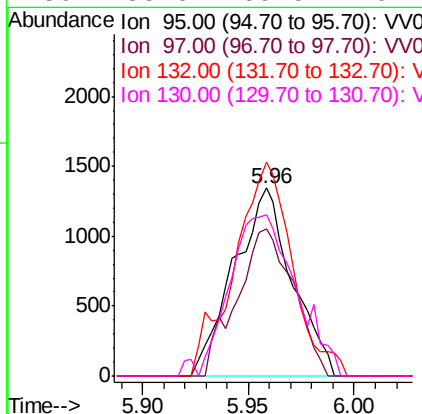
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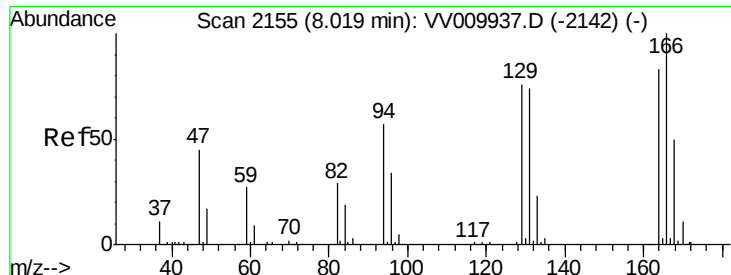


#35

Trichloroethene
Concen: 1.599 ug/L m
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009950.D
Acq: 28 Mar 2019 02:06

Tgt Ion	Ratio	Lower	Upper
95	100		
97	76.0	46.3	85.9
132	102.0	69.3	128.7
130	88.6	69.5	129.1





#47

Tetrachloroethene

Concen: 38.285 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009950.D

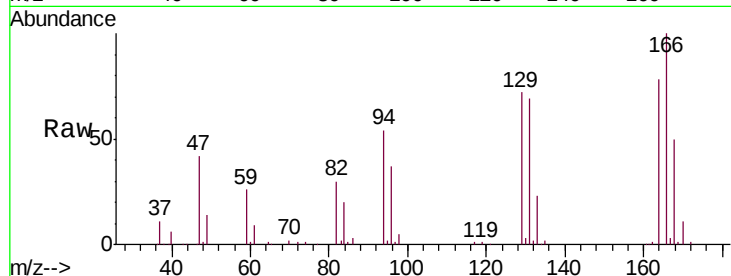
Acq: 28 Mar 2019 02:06

Instrument :

MSVOA_V

ClientSampleId :

BF0C7



Tgt Ion:164 Resp: 48562

Ion Ratio Lower Upper

164 100

129 91.8 64.9 120.5

131 87.4 62.0 115.2

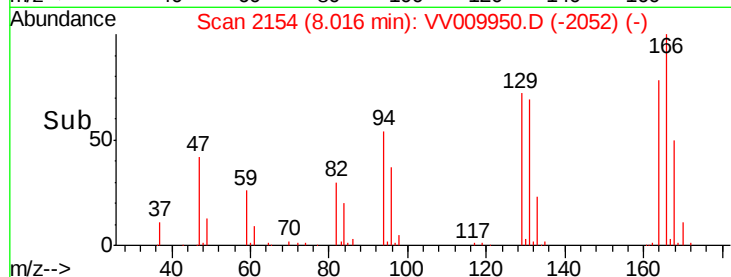
166 127.5 82.9 153.9

Manual Integrations

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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

