

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\
 Data File : VU031922.D
 Acq On : 11 May 2019 11:41
 Operator : JC/SP
 Sample : K2705-15DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B53DL

Manual Integrations
 APPROVED

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 5/13/2019 12:46:19 PM

Quant Time: May 13 03:54:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 13 01:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1021554	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1028266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	379710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	340767	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.72%
7) Chloroethane-d5	1.67	69	312526m	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.27	63	490250	28.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.58%#
21) 2-Butanone-d5	4.17	46	679811	87.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.76%
24) Chloroform-d	4.64	84	679222	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
26) 1,2-Dichloroethane-d4	5.30	65	450140	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
32) Benzene-d6	5.34	84	1361152	43.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.22%
36) 1,2-Dichloropropane-d6	6.32	67	477444	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.56	98	1133607	41.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.44%
43) trans-1,3-Dichloropropene-	7.85	79	190898	40.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.06%
47) 2-Hexanone-d5	8.31	63	436732	90.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	694141	46.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	397774	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	17606	1.386 ug/L #	1
17) trans-1,2-Dichloroethene	2.98	96	3841	0.462 ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	477645	53.616 ug/L	94
34) Trichloroethene	6.18	95	283244	30.908 ug/L	96
46) Tetrachloroethene	8.22	164	31932	5.111 ug/L	88

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

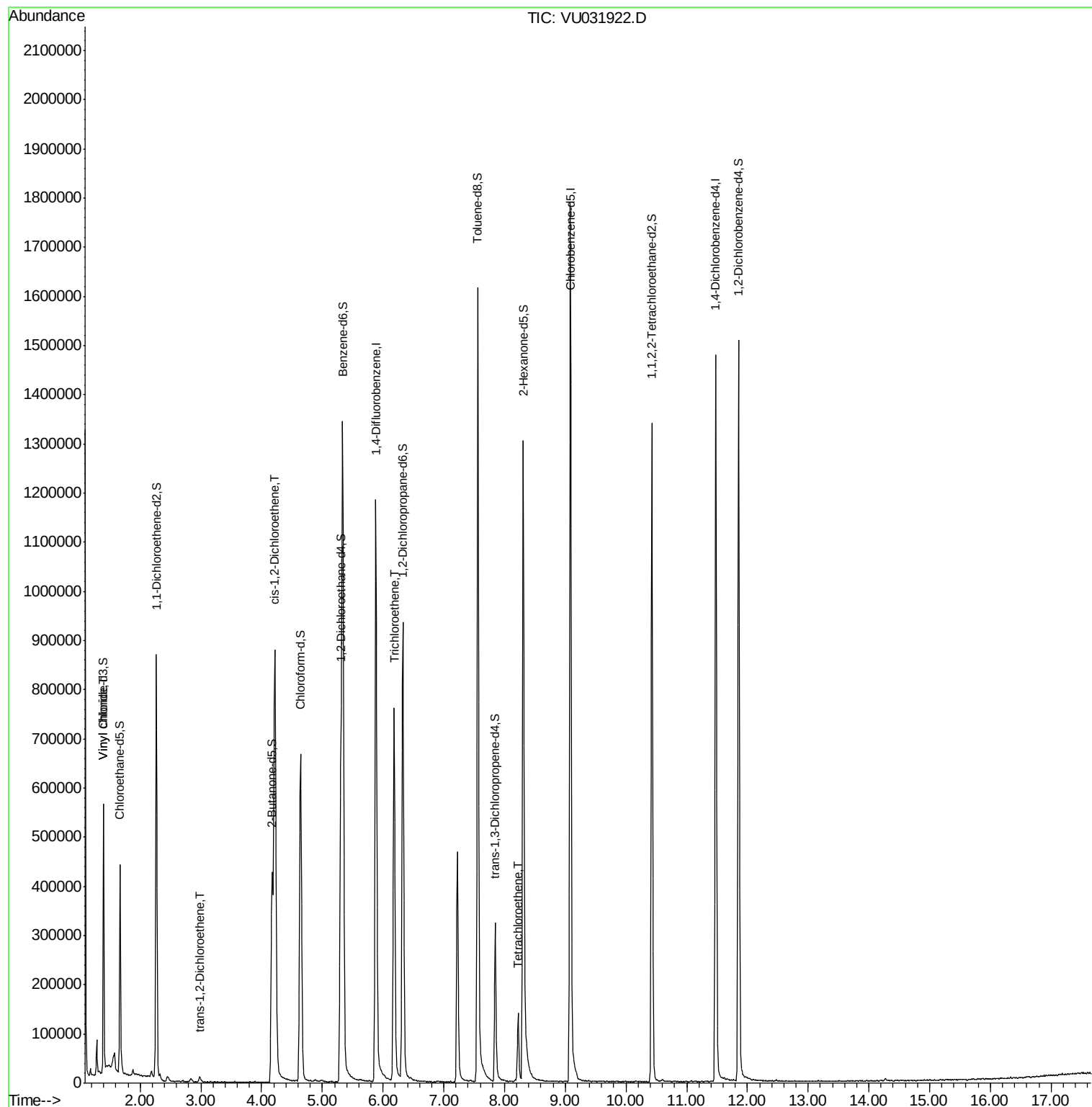
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051119\
Data File : VU031922.D
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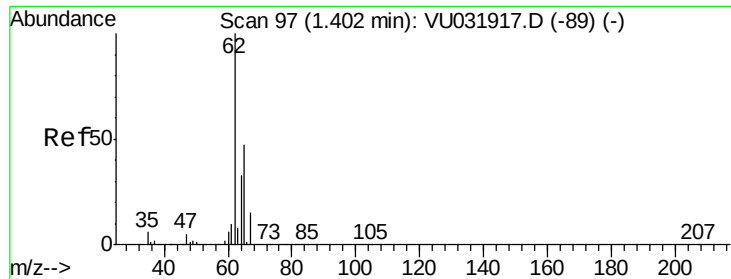
Instrument :
MSVOA_U
ClientSampleId :
C0B53DL

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Quant Time: May 13 03:54:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.386 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031922.D

Acq: 11 May 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

C0B53DL

Tot Ion: 62 Resp: 17606

Ion Ratio Lower Upper

62 100

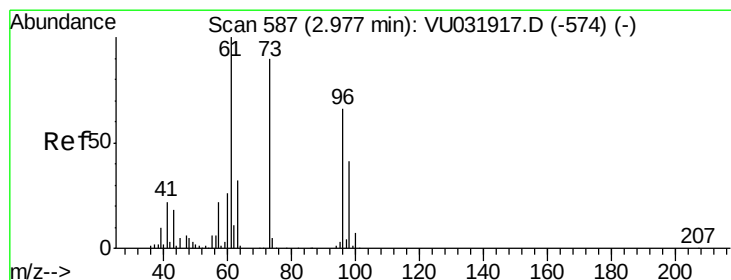
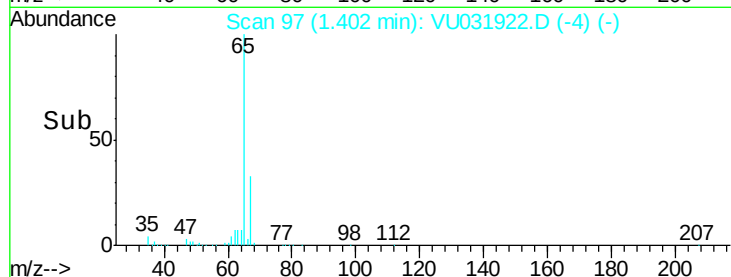
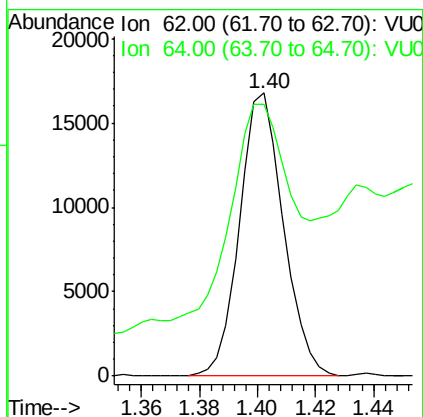
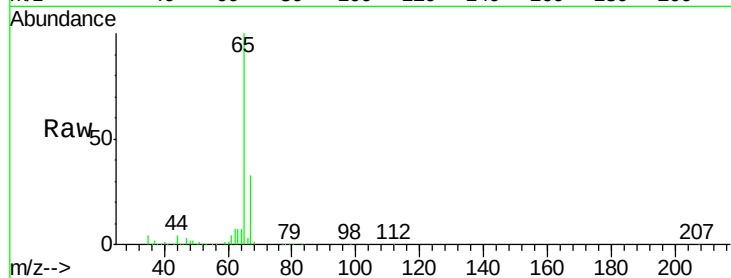
64 95.9 23.1 42.9#

Manual Integrations

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#17

trans-1,2-Dichloroethene

Concen: 0.462 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU031922.D

Acq: 11 May 2019 11:41

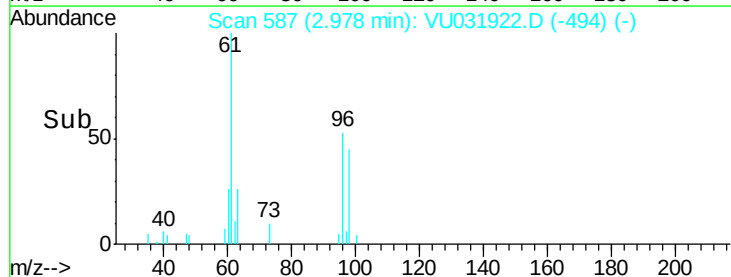
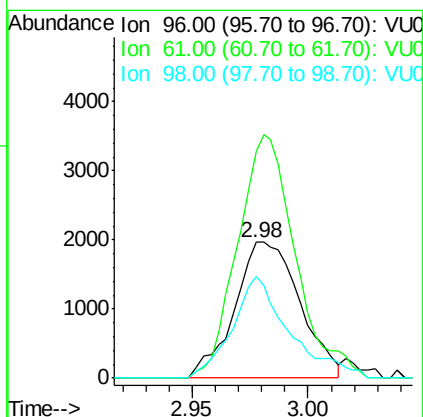
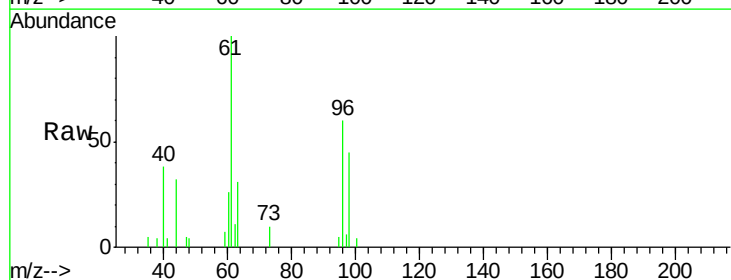
Tgt Ion: 96 Resp: 3841

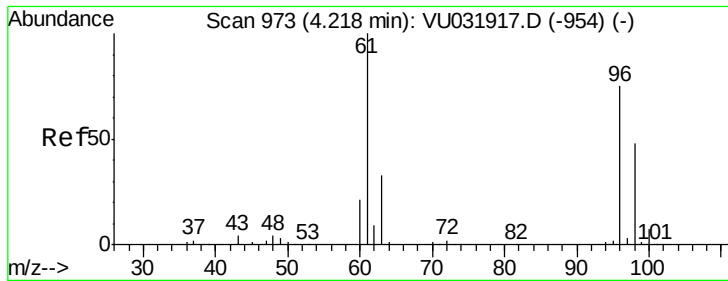
Ion Ratio Lower Upper

96 100

61 167.2 114.5 212.7

98 75.3 45.4 84.2





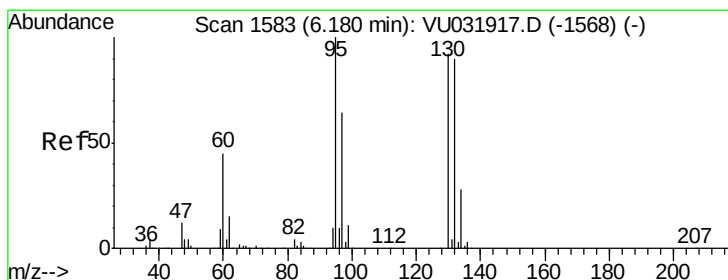
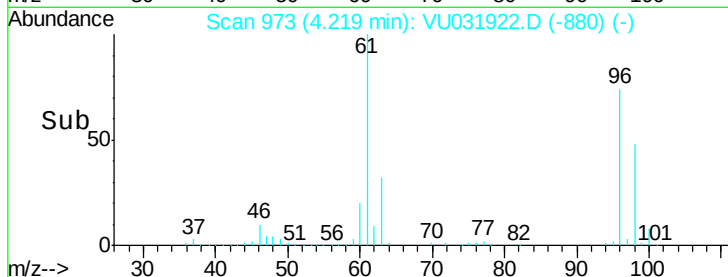
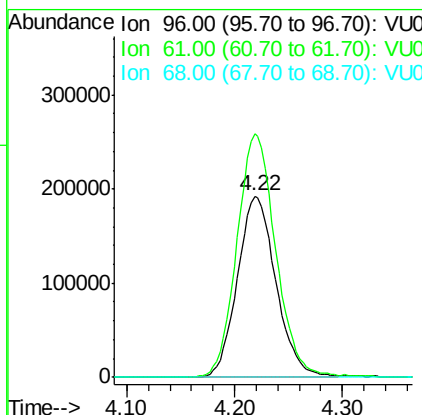
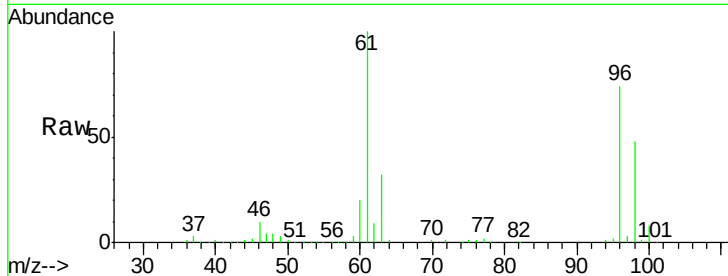
#20
 cis-1,2-Dichloroethene
 Concen: 53.616 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031922.D
 Acq: 11 May 2019 11:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B53DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		477645		
61	134.4		99.5	184.7	
68	0.0		0.0	0.0	

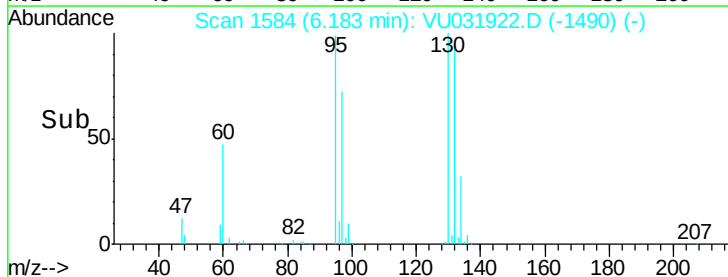
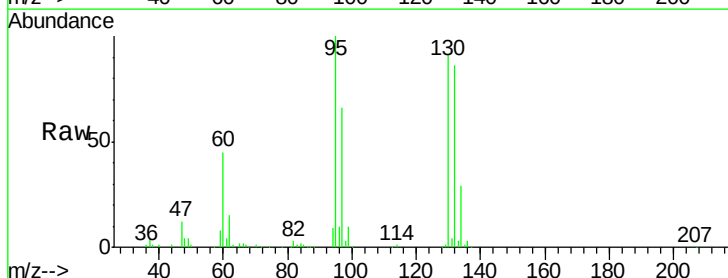
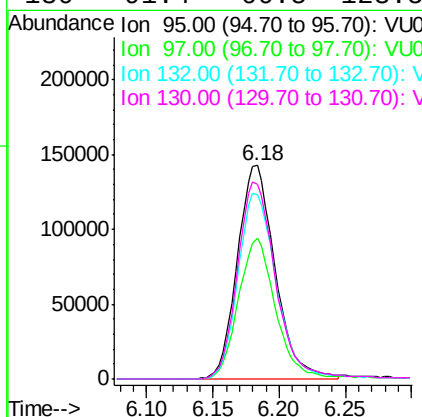
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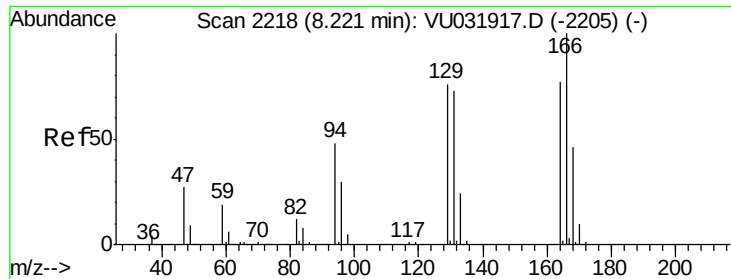
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#34
 Trichloroethene
 Concen: 30.908 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031922.D
 Acq: 11 May 2019 11:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		283244		
97	66.0		44.8	83.2	
132	86.3		63.1	117.1	
130	91.4		66.5	123.5	





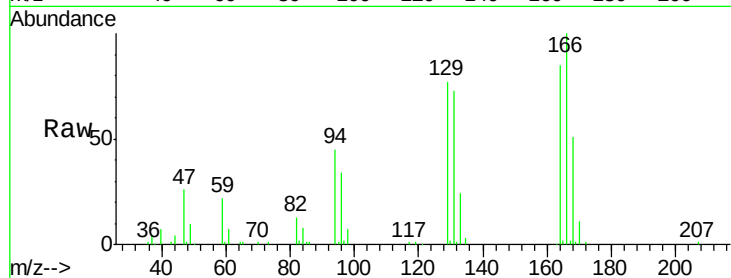
#46
 Tetrachloroethene
 Concen: 5.111 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031922.D
 Acq: 11 May 2019 11:41

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Tot Ion:	164	Resp:	31932
Ion Ratio	Lower	Upper	
164	100		
129	90.7	71.5	132.9
131	86.4	69.0	128.2
166	117.8	93.7	173.9

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

