

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\
 Data File : VU031920.D
 Acq On : 11 May 2019 10:54
 Operator : JC/SP
 Sample : K2705-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B49

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 12:46:13 PM

Quant Time: May 13 03:47:04 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	929140	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	931230	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	337940	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	335127	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.20%
7) Chloroethane-d5	1.67	69	304929	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.48%
11) 1,1-Dichloroethene-d2	2.27	63	491431	31.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.46%
21) 2-Butanone-d5	4.17	46	654660	92.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.92%
24) Chloroform-d	4.64	84	666108m	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
26) 1,2-Dichloroethane-d4	5.30	65	444575	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
32) Benzene-d6	5.33	84	1347658	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
36) 1,2-Dichloropropane-d6	6.32	67	463190	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.08%
41) Toluene-d8	7.56	98	1120019	44.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.94%
43) trans-1,3-Dichloropropene-	7.85	79	189261	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.64%
47) 2-Hexanone-d5	8.31	63	442317	101.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	683183	50.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	386811	54.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.86%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	28938	2.504 ug/L	# 28
13) Acetone	2.32	43	11151	1.405 ug/L	88
20) cis-1,2-Dichloroethene	4.22	96	325821	40.212 ug/L	96
34) Trichloroethene	6.18	95	508178	61.231 ug/L	97
46) Tetrachloroethene	8.23	164	14052	2.484 ug/L	87

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

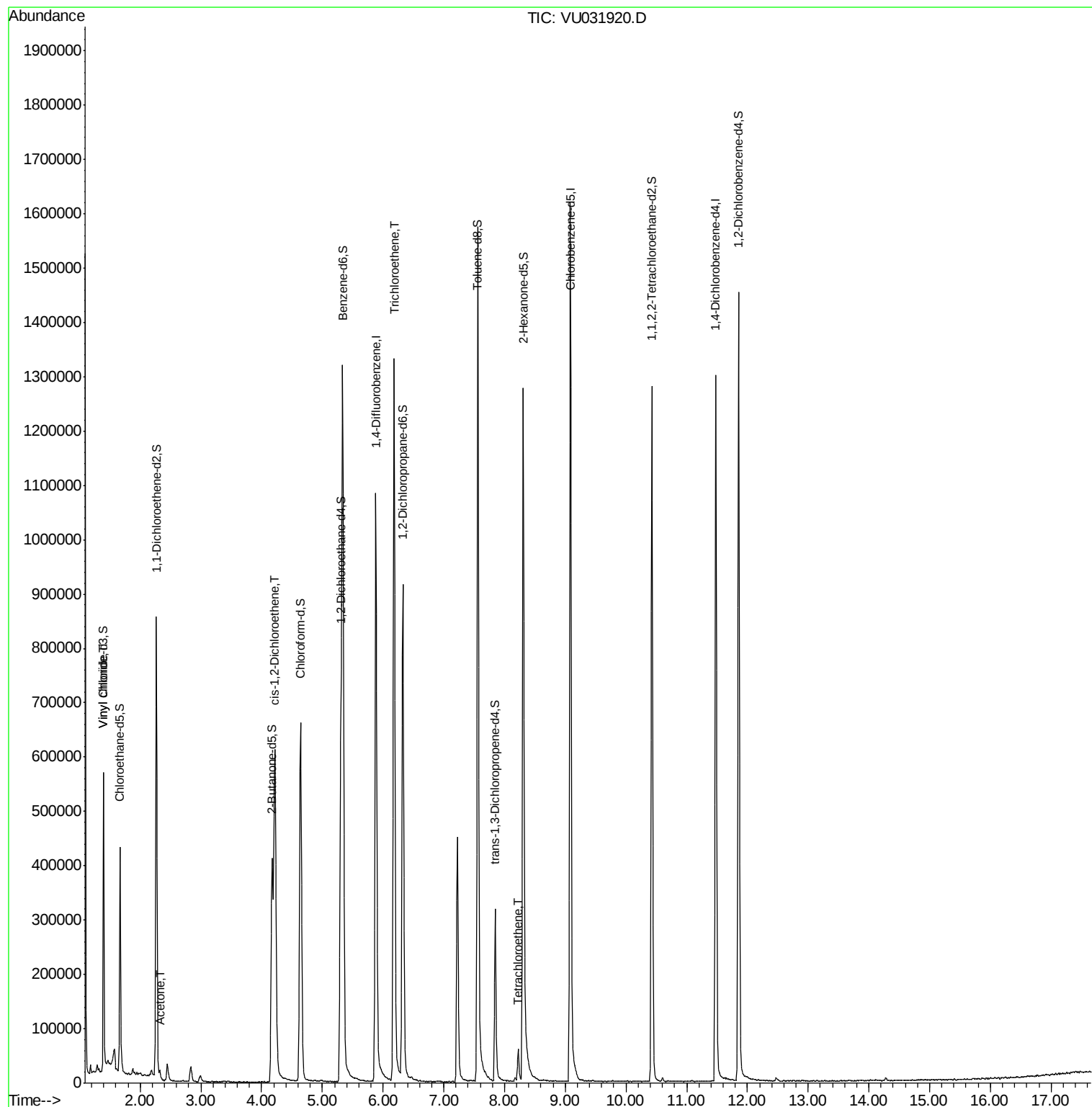
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051119\
Data File : VU031920.D
Acq On : 11 May 2019 10:54
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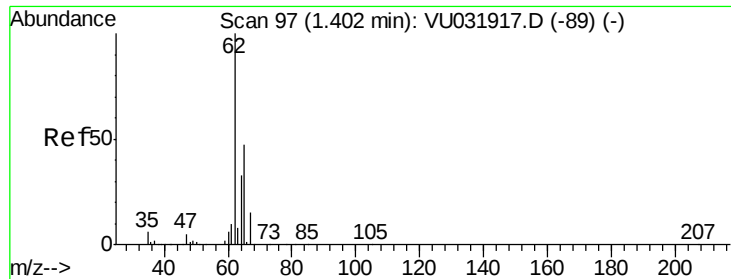
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Quant Time: May 13 03:47:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.504 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031920.D

Acq: 11 May 2019 10:54

Instrument :

MSVOA_U

ClientSampleId :

C0B49

Tot Ion: 62 Resp: 28938

Ion Ratio Lower Upper

62 100

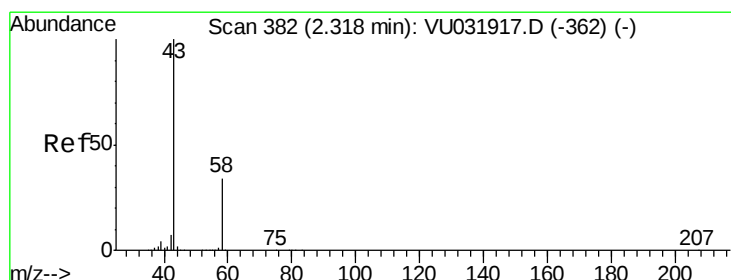
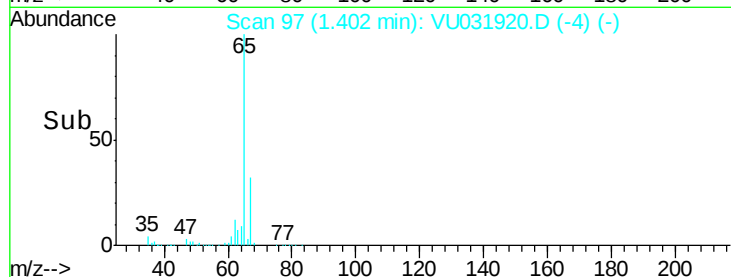
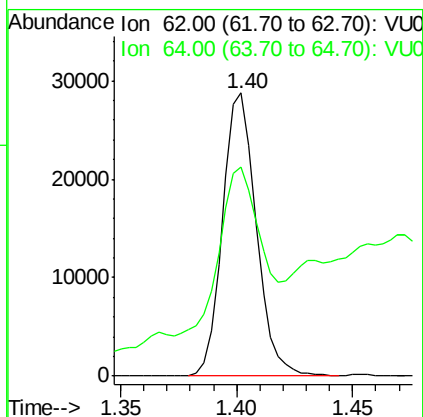
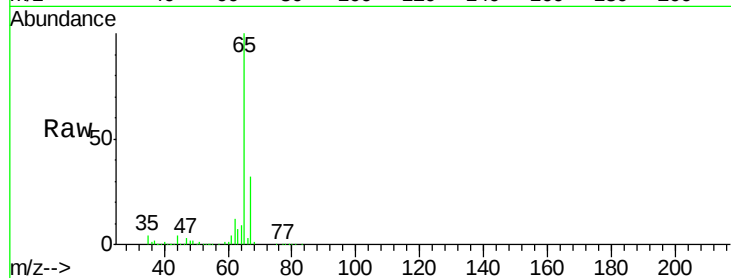
64 73.8 23.1 42.9#

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#13

Acetone

Concen: 1.405 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031920.D

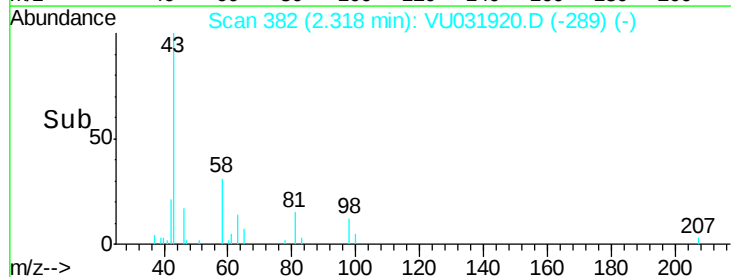
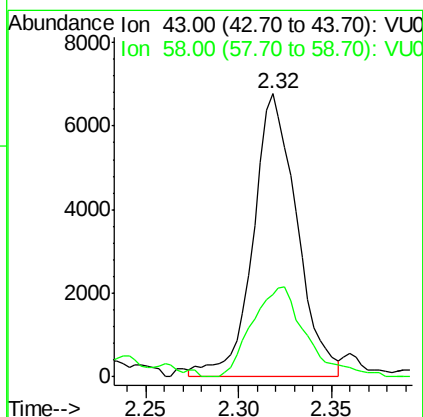
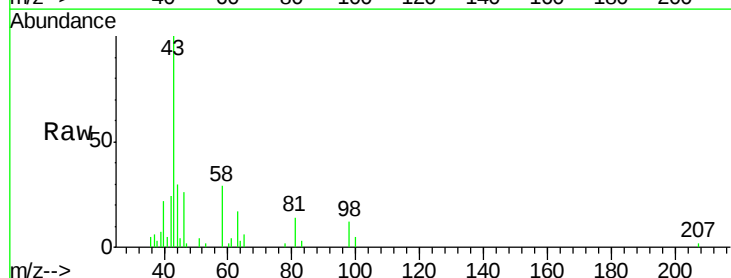
Acq: 11 May 2019 10:54

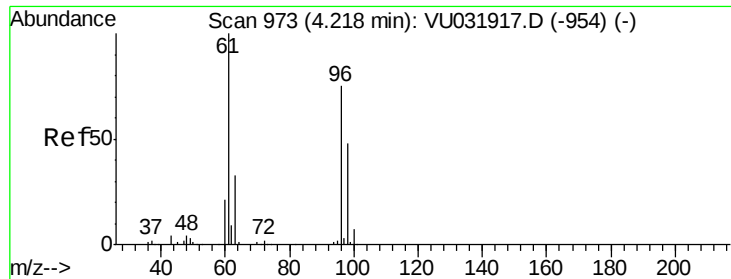
Tgt Ion: 43 Resp: 11151

Ion Ratio Lower Upper

43 100

58 39.0 0.0 64.4





#20

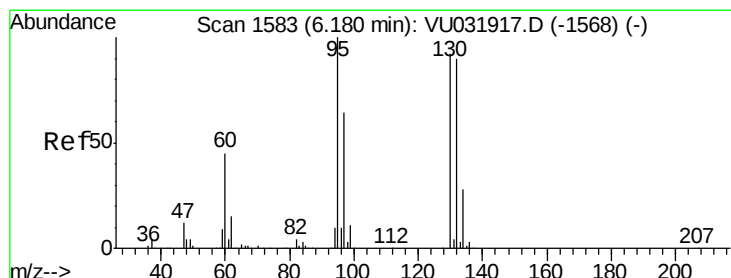
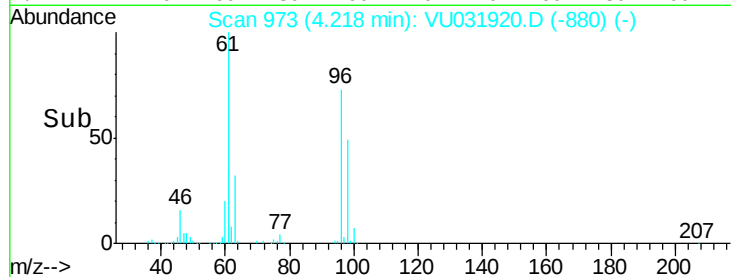
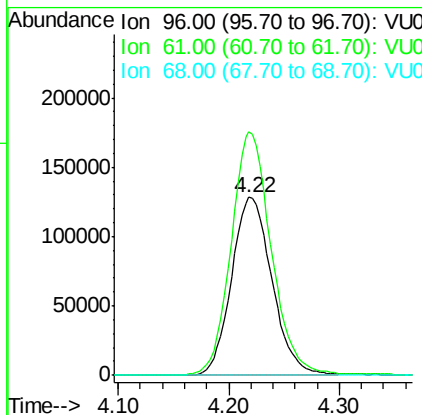
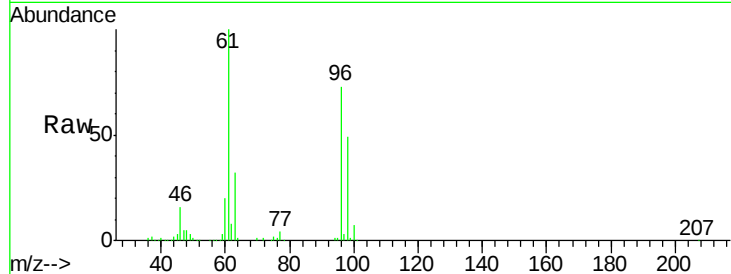
cis-1,2-Dichloroethene
Concen: 40.212 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031920.D
Acq: 11 May 2019 10:54

Instrument :
MSVOA_U
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Tot Ion	Ratio	Resp	Lower	Upper
96	100	325821		
61	136.8		99.5	184.7
68	0.0		0.0	0.0

Manual Integrations
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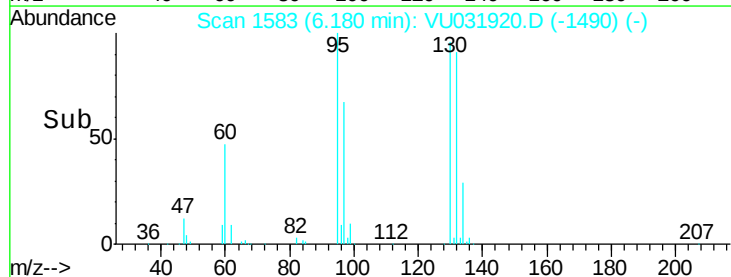
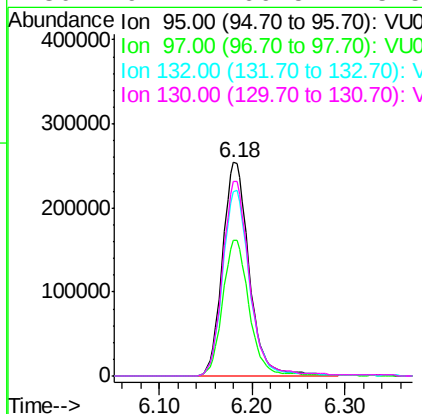
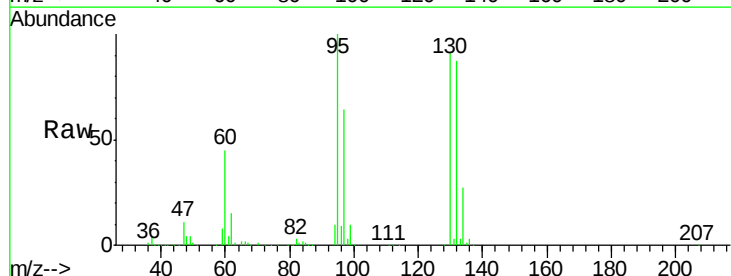
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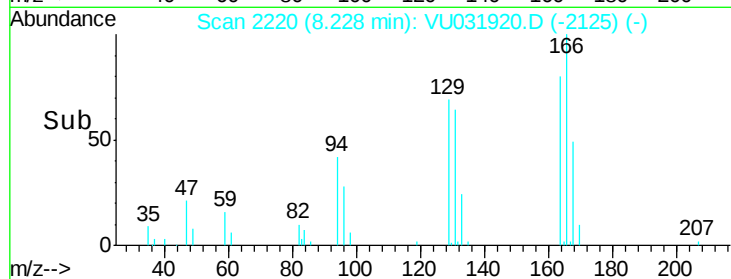
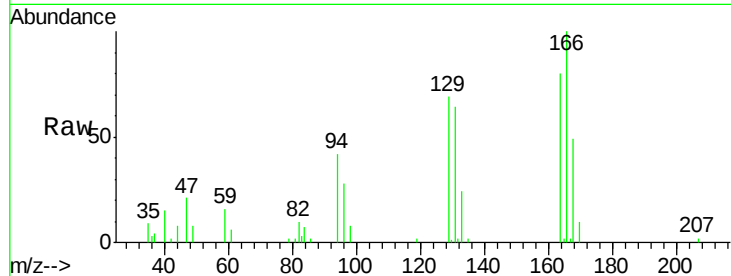
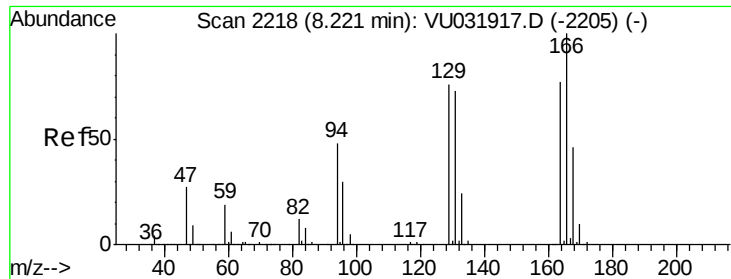


#34

Trichloroethene
Concen: 61.231 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU031920.D
Acq: 11 May 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	508178		
97	63.6		44.8	83.2
132	86.6		63.1	117.1
130	91.1		66.5	123.5





#46

Tetrachloroethene

Concen: 2.484 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031920.D

Acq: 11 May 2019 10:54

Tot Ion:164 Resp: 14052

Ion Ratio Lower Upper

164 100

129 86.4 71.5 132.9

131 80.7 69.0 128.2

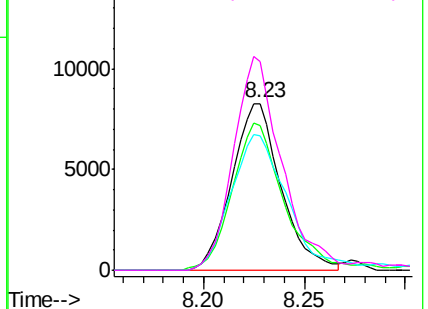
166 125.5 93.7 173.9

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



Instrument :

MSVOA_U

ClientSampleId :

C0B49

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