

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030032.D
 Acq On : 13 Mar 2019 15:49
 Operator : JC/SP
 Sample : K1838-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B2

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 9:25:23 AM

Quant Time: Mar 14 03:50:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 01:36:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	480112	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	141093	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.86%
7) Chloroethane-d5	1.68	69	119913	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.56%
11) 1,1-Dichloroethene-d2	2.27	63	206858	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	4.17	46	240956	101.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.27%
24) Chloroform-d	4.64	84	266923	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	5.31	65	164395	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
32) Benzene-d6	5.34	84	583925	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
36) 1,2-Dichloropropane-d6	6.32	67	184130	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.20%
41) Toluene-d8	7.56	98	526584	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%
43) trans-1,3-Dichloropropene-	7.85	79	82771	46.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.98%
47) 2-Hexanone-d5	8.31	63	212279	103.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	276606	48.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	218779	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.28	96	22522	7.484 ug/L	# 1
13) Acetone	2.32	43	26255	9.438 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	127368	34.141 ug/L	94
22) 2-Butanone	4.27	43	4927m	1.556 ug/L	
34) Trichloroethene	6.18	95	32370	9.252 ug/L	99
46) Tetrachloroethene	8.22	164	2808086	917.168 ug/L	99

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

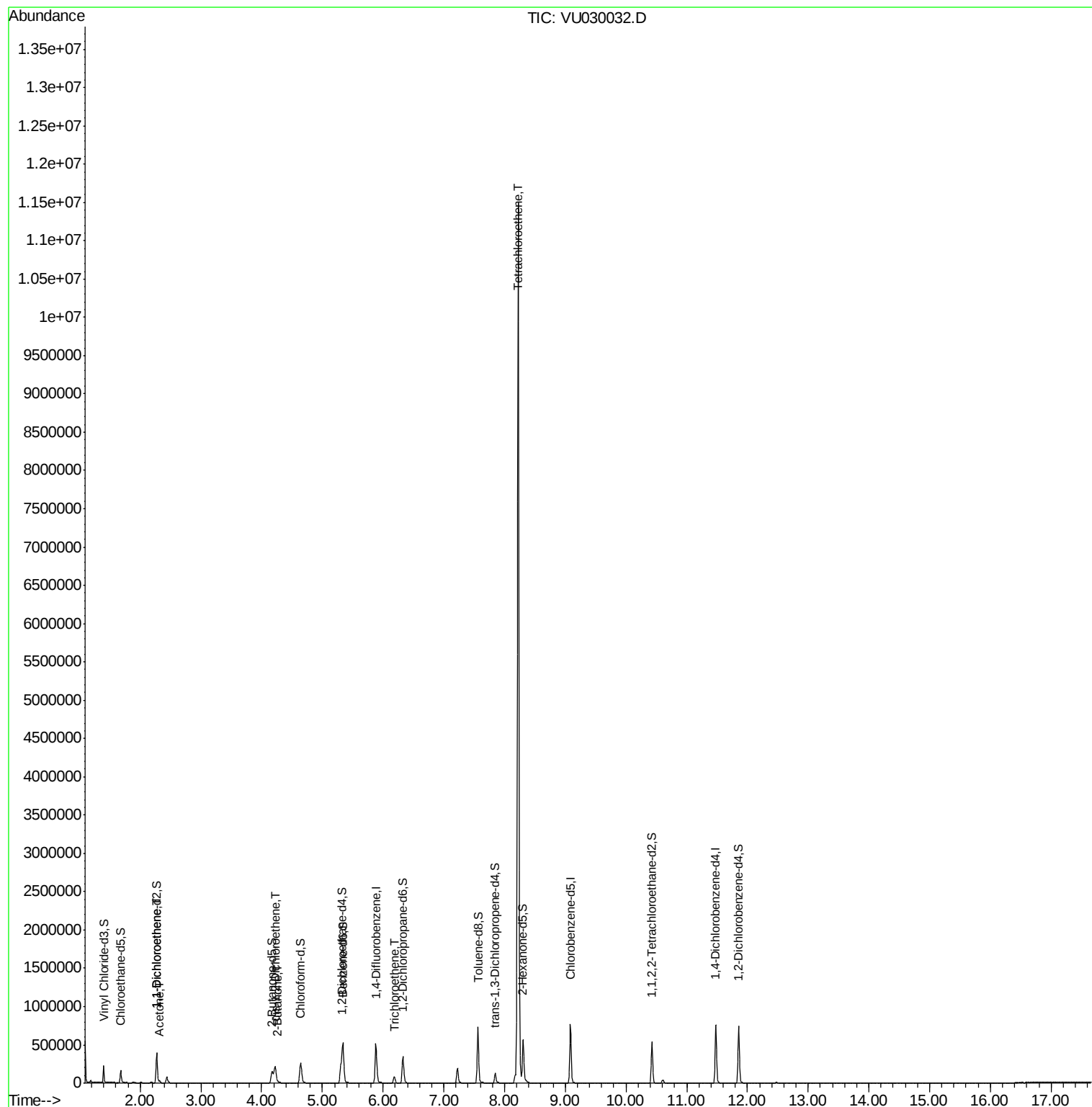
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
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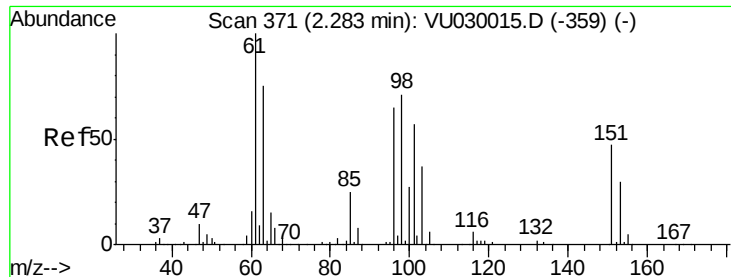
Instrument :
MSVOA_U
ClientSampleId :
BF1B2

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Quant Time: Mar 14 03:50:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 01:36:14 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 7.484 ug/L

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU030032.D

Acq: 13 Mar 2019 15:49

Instrument :

MSVOA_U

ClientSampleId :

BF1B2

Tgt Ion: 96 Resp: 22522

Ion Ratio Lower Upper

96 100

61 189.2 110.4 205.0

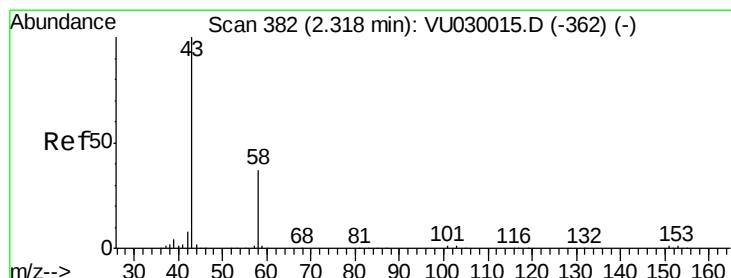
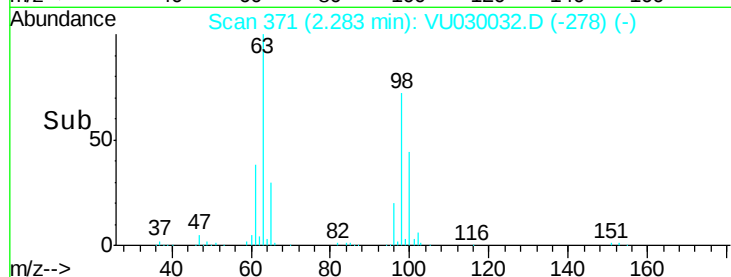
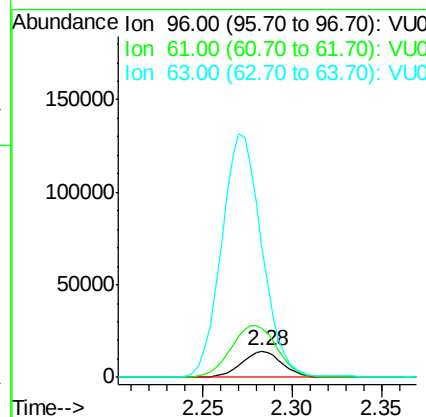
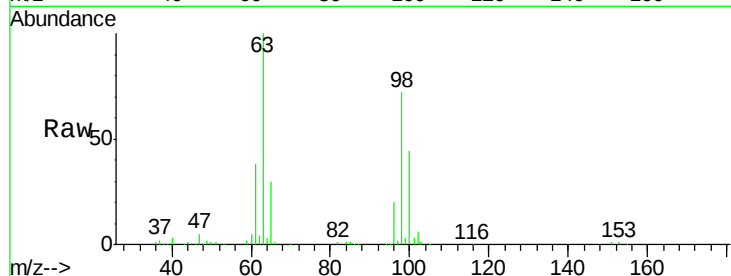
63 503.5 86.5 160.7#

Manual Integrations

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#13

Acetone

Concen: 9.438 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU030032.D

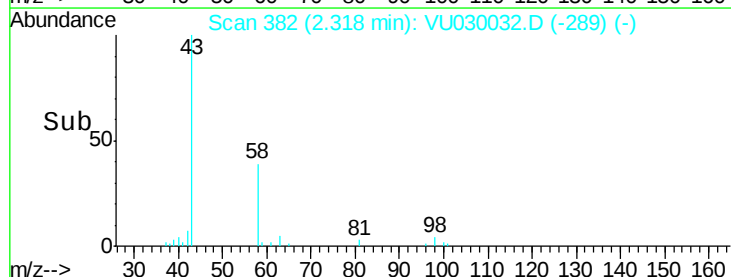
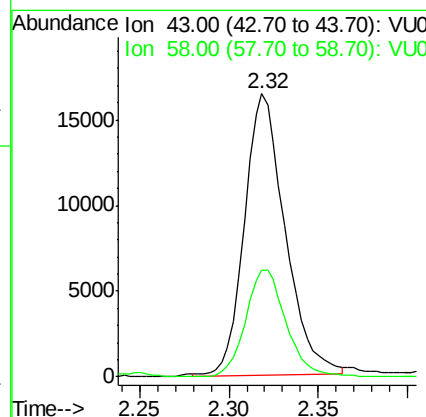
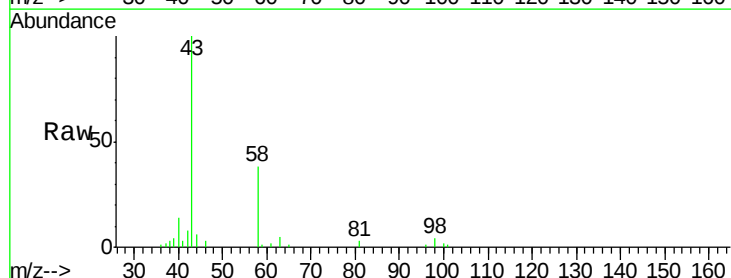
Acq: 13 Mar 2019 15:49

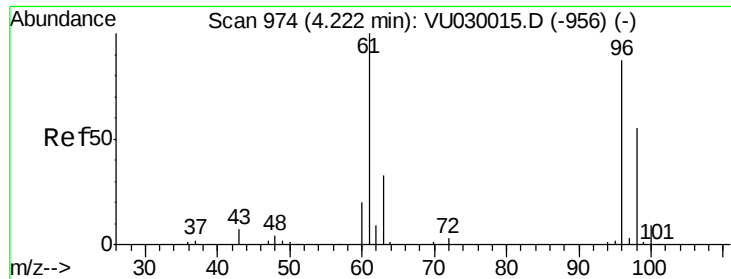
Tgt Ion: 43 Resp: 26255

Ion Ratio Lower Upper

43 100

58 37.7 0.0 73.0





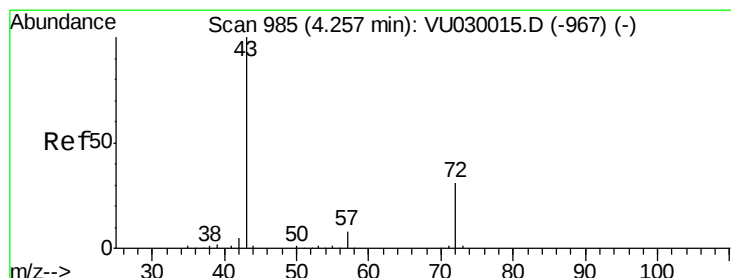
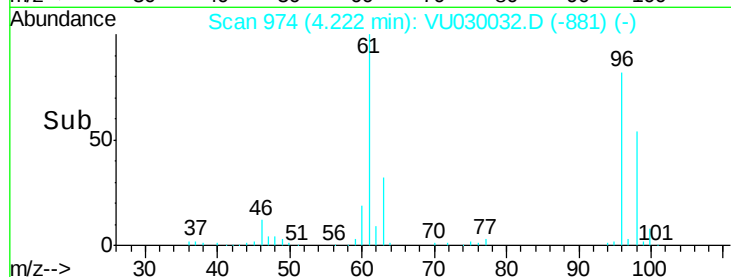
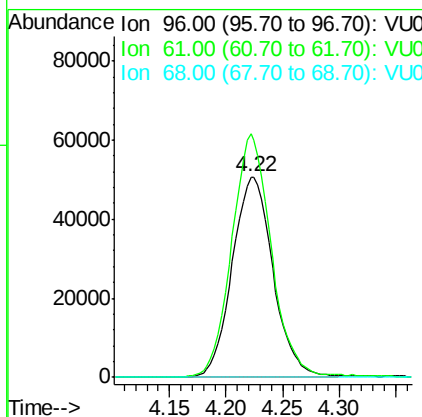
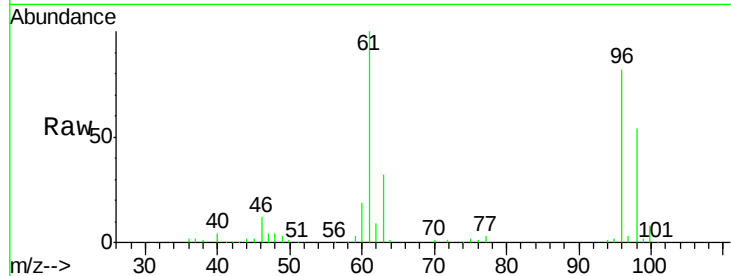
#20
cis-1,2-Dichloroethene
Concen: 34.141 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU030032.D
Acq: 13 Mar 2019 15:49

Instrument :
MSVOA_U
ClientSampleId :
BF1B2

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	127368		
61	121.5	80.8	150.2	
68	0.0	0.0	0.0	

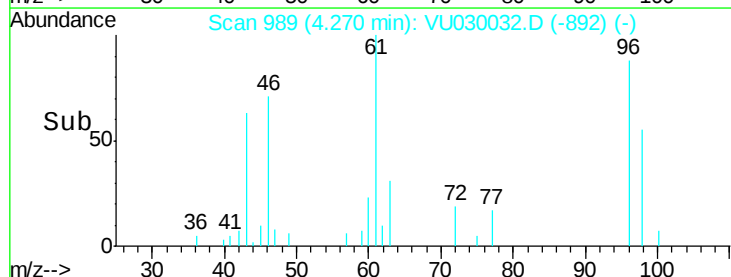
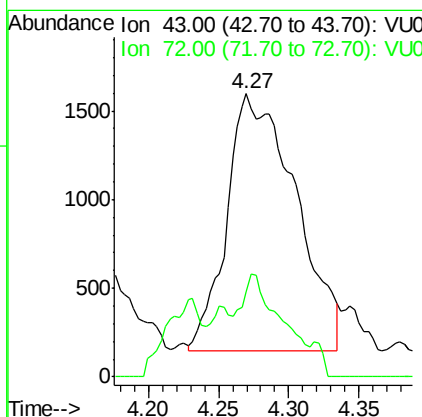
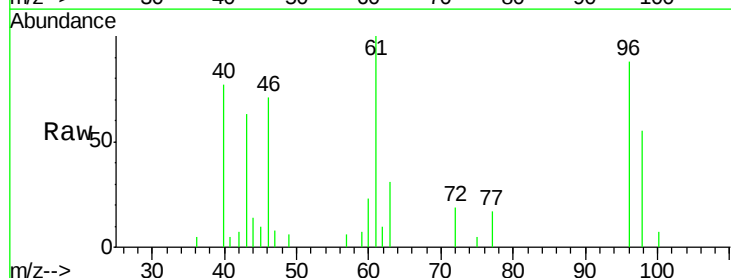
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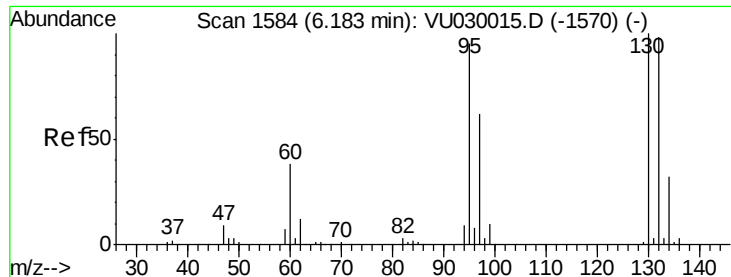
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#22
2-Butanone
Concen: 1.556 ug/L m
RT: 4.27 min Scan# 989
Delta R.T. 0.01 min
Lab File: VU030032.D
Acq: 13 Mar 2019 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	4927		
72	13.9	15.3	45.9	#





#34

Trichloroethene

Concen: 9.252 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU030032.D

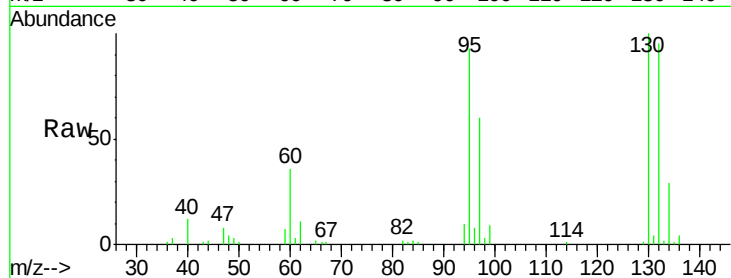
Acq: 13 Mar 2019 15:49

Instrument :

MSVOA_U

ClientSampled :

BF1B2



Tgt Ion: 95 Resp: 32370

Ion Ratio Lower Upper

95 100

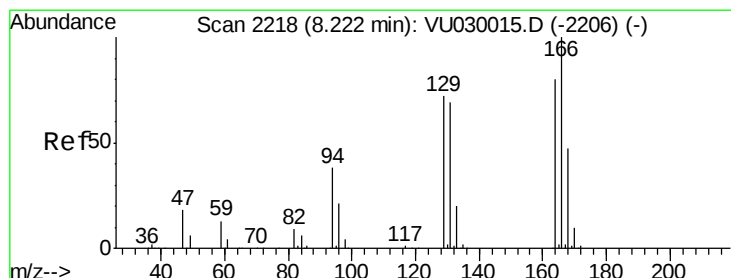
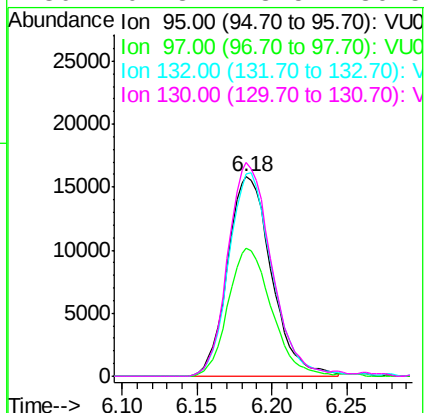
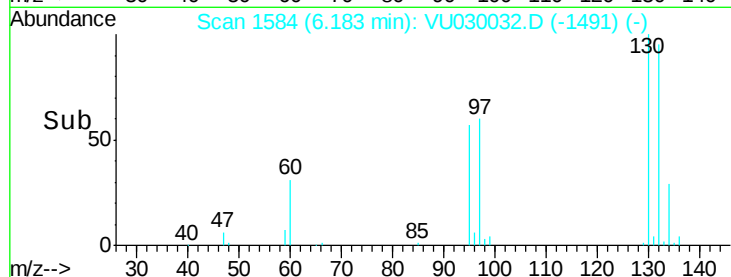
97 64.6 45.5 84.5

132 101.8 71.5 132.7

130 107.3 73.5 136.5

Manual Integrations
APPROVED

MMDadoda
3/14/2019 9:25:23 AM



#46

Tetrachloroethene

Concen: 917.168 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030032.D

Acq: 13 Mar 2019 15:49

Tgt Ion: 164 Resp: 2808086

Ion Ratio Lower Upper

164 100

129 92.1 63.3 117.7

131 88.4 62.0 115.2

166 127.0 90.5 168.1

