

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031908.D
 Acq On : 10 May 2019 23:05
 Operator : JC/SP
 Sample : K2705-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B48

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:49:32 AM

Quant Time: May 11 04:26:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 02:45:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1039485	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1037466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	399232	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	356681	41.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.00%
7) Chloroethane-d5	1.67	69	314444m	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.54%
11) 1,1-Dichloroethene-d2	2.26	63	511602	29.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.06%#
21) 2-Butanone-d5	4.17	46	655333	83.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.14%
24) Chloroform-d	4.64	84	665738	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.56%
26) 1,2-Dichloroethane-d4	5.30	65	449702	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.40%
32) Benzene-d6	5.33	84	1391897	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
36) 1,2-Dichloropropane-d6	6.32	67	477592	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.22%
41) Toluene-d8	7.56	98	1184089	42.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.34%
43) trans-1,3-Dichloropropene-	7.85	79	186863	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
47) 2-Hexanone-d5	8.31	63	456931	94.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	657684	43.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	399176	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	140287	10.850	ug/L 95
13) Acetone	2.32	43	11642	1.311	ug/L 95
17) trans-1,2-Dichloroethene	2.98	96	60276	7.133	ug/L 92
20) cis-1,2-Dichloroethene	4.22	96	2006096	221.303	ug/L 95
34) Trichloroethene	6.18	95	4939779	534.255	ug/L 97
46) Tetrachloroethene	8.22	164	7479245	1186.543	ug/L 97

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

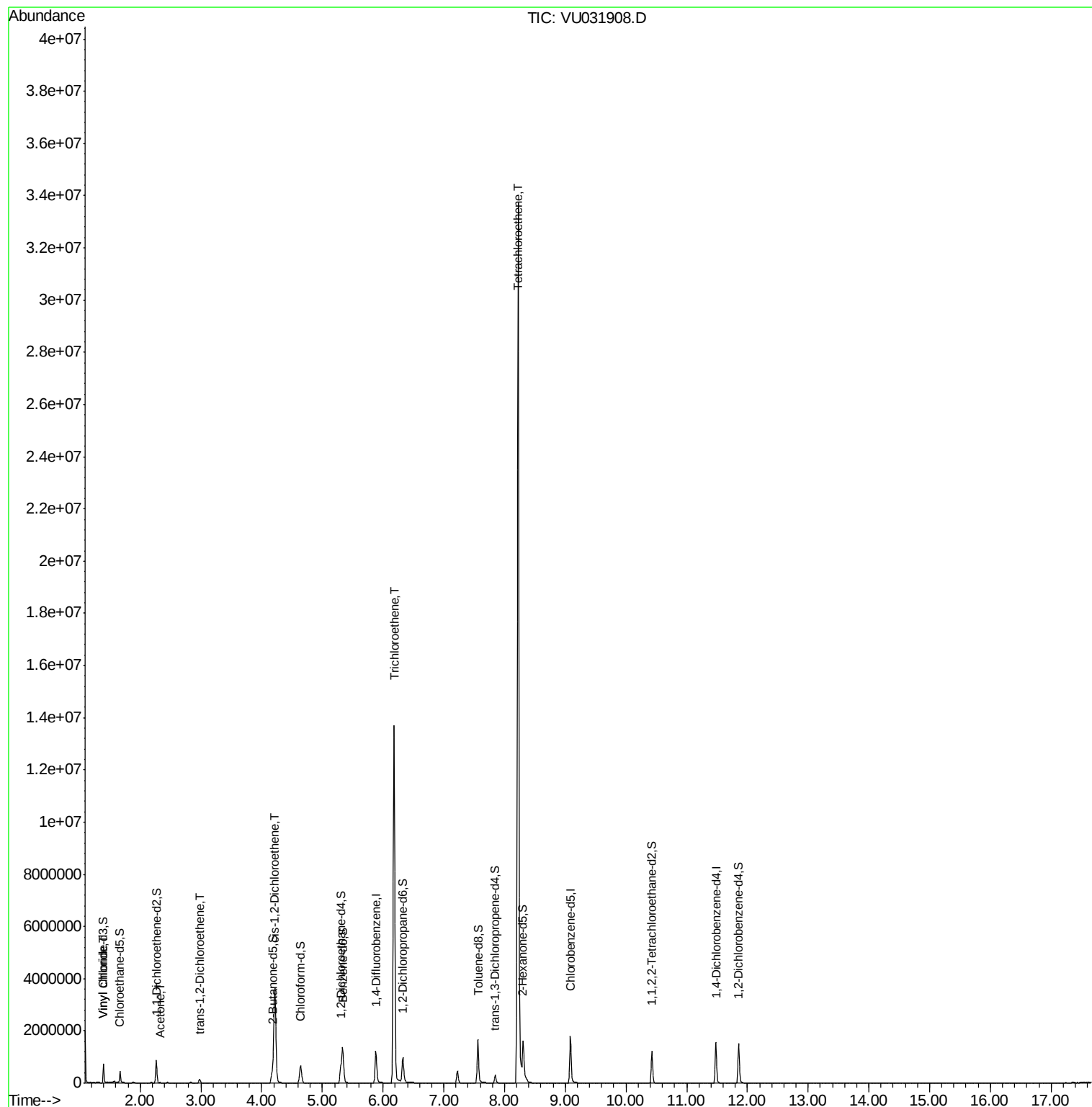
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
Data File : VU031908.D
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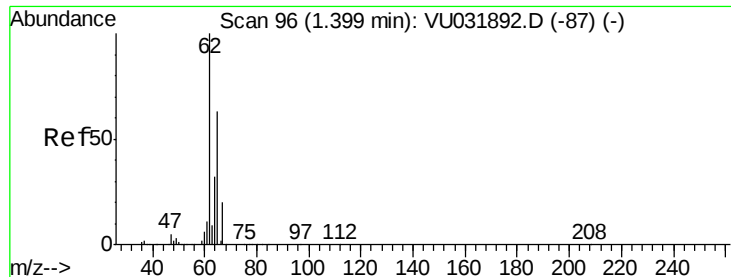
Instrument :
MSVOA_U
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Quant Time: May 11 04:26:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.850 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU031908.D

Acq: 10 May 2019 23:05

Instrument :

MSVOA_U

ClientSampleId :

C0B48

Tot Ion: 62 Resp: 140287

Ion Ratio Lower Upper

62 100

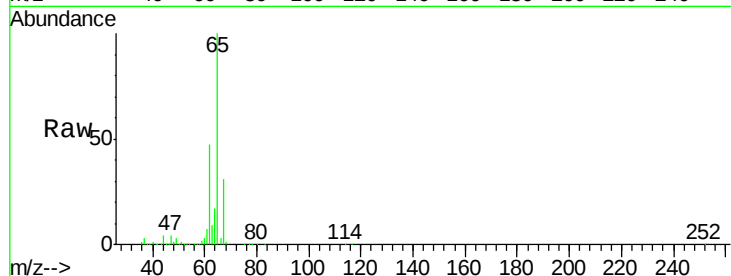
64 35.6 23.1 42.9

Manual Integrations

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5/11/2019 11:49:32 AM



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

150000

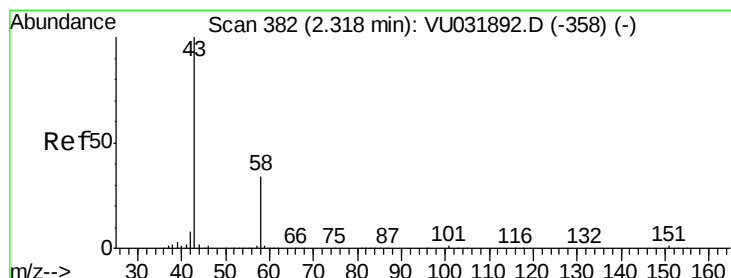
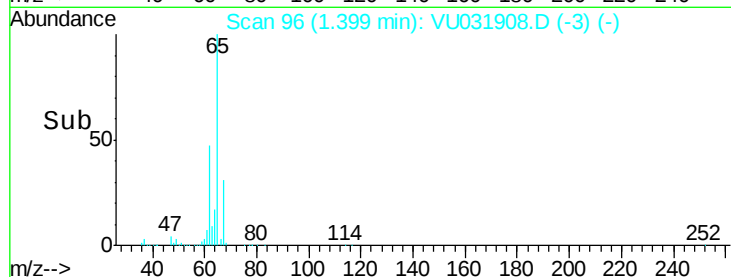
100000

50000

0

1.35 1.40 1.45

Time-->



#13

Acetone

Concen: 1.311 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU031908.D

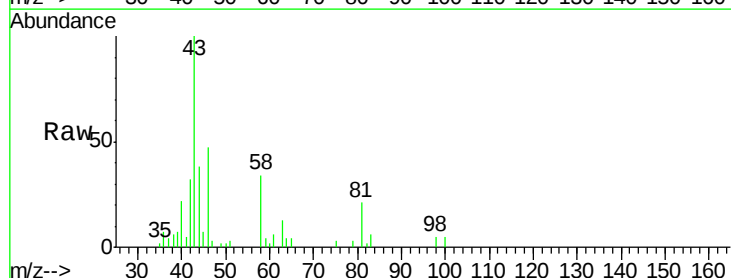
Acq: 10 May 2019 23:05

Tgt Ion: 43 Resp: 11642

Ion Ratio Lower Upper

43 100

58 35.2 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

6000

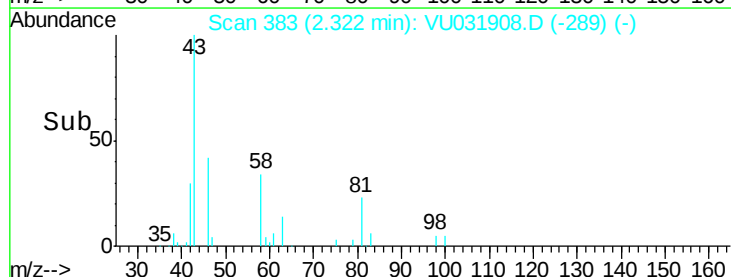
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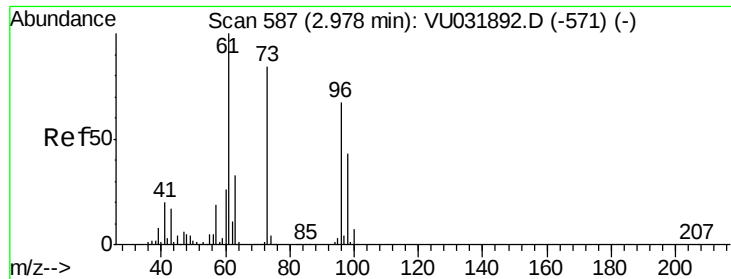
2000

0

2.25 2.30 2.35

Time-->





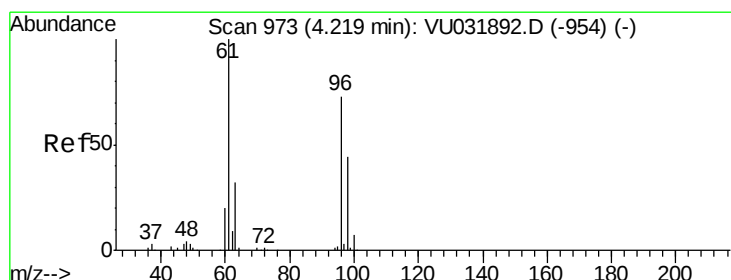
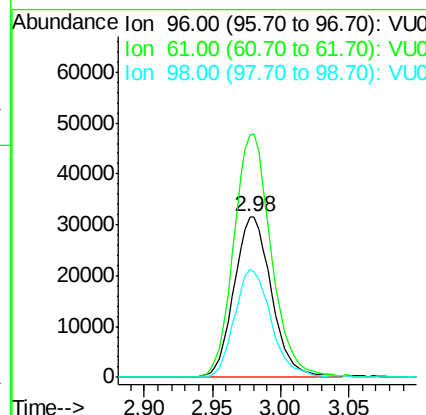
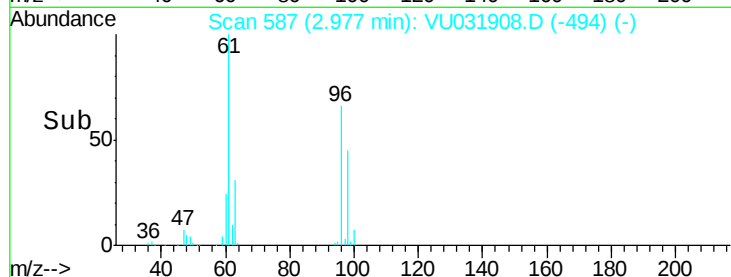
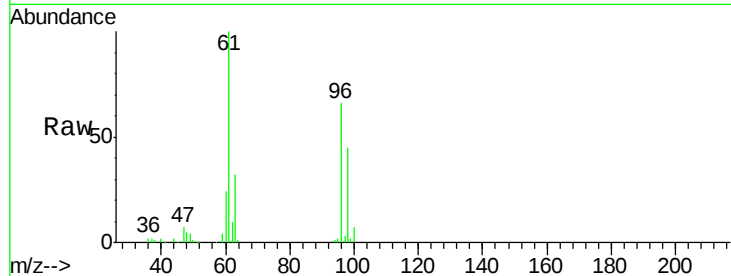
#17
trans-1,2-Dichloroethene
Concen: 7.133 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU031908.D
Acq: 10 May 2019 23:05

Instrument :
MSVOA_U
ClientSampleId :
C0B48

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.6	114.5	212.7
98	67.2	45.4	84.2

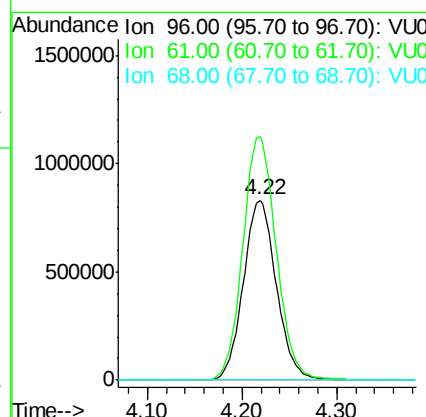
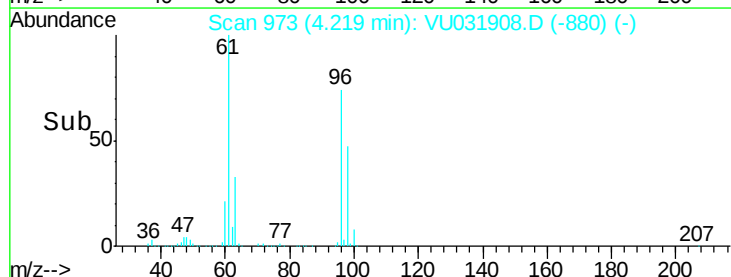
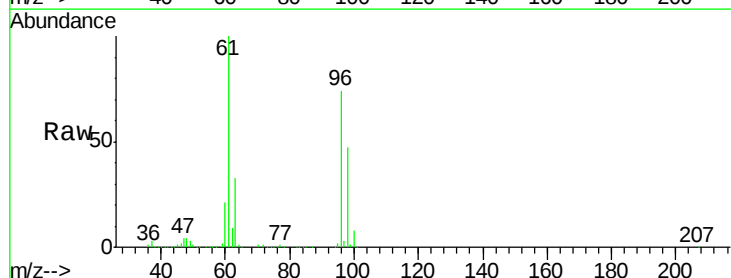
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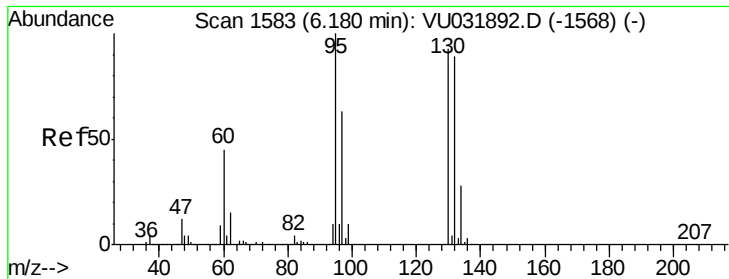
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#20
cis-1,2-Dichloroethene
Concen: 221.303 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031908.D
Acq: 10 May 2019 23:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.4	99.5	184.7
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 534.255 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031908.D

Acq: 10 May 2019 23:05

Instrument :

MSVOA_U

ClientSampleId :

C0B48

Tot Ion: 95 Resp: 4939779

Ion Ratio Lower Upper

95 100

97 64.1 44.8 83.2

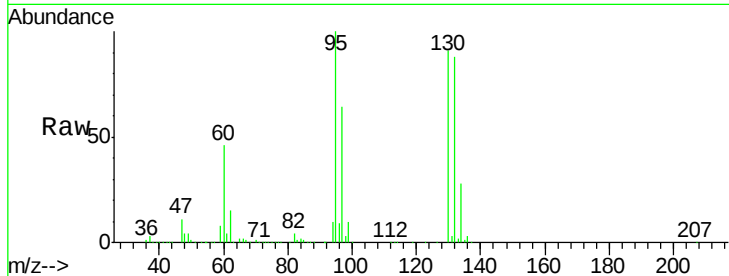
132 87.5 63.1 117.1

130 91.2 66.5 123.5

Manual Integrations
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5/11/2019 11:49:32 AM



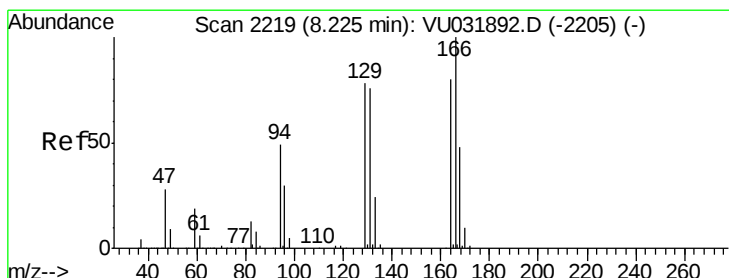
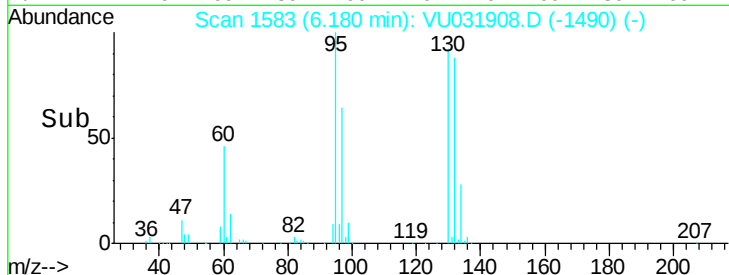
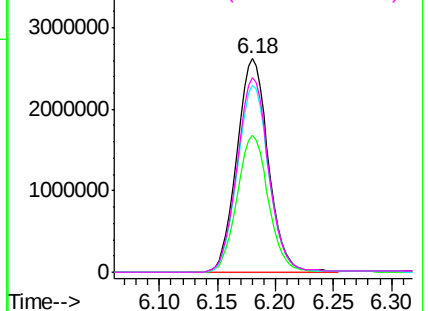
Abundance

Ion 95.00 (94.70 to 95.70): VU031892.D (-1568) (-)

Ion 97.00 (96.70 to 97.70): VU031892.D (-1568) (-)

Ion 132.00 (131.70 to 132.70): VU031892.D (-1568) (-)

Ion 130.00 (129.70 to 130.70): VU031892.D (-1568) (-)



#46

Tetrachloroethene

Concen: 1186.543 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031908.D

Acq: 10 May 2019 23:05

Tgt Ion: 164 Resp: 7479245

Ion Ratio Lower Upper

164 100

129 100.4 71.5 132.9

131 97.1 69.0 128.2

166 127.7 93.7 173.9

Abundance

Ion 164.00 (163.70 to 164.70): VU031892.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031892.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031892.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031892.D (-2205) (-)

