

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
 Data File : VU032035.D
 Acq On : 15 May 2019 16:32
 Operator : JC/SP
 Sample : K2738-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB897

Quant Time: May 16 06:43:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 16 04:24:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1053231	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	1044489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	412489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	361052	39.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.12%
7) Chloroethane-d5	1.67	69	311573	41.64	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.28%
11) 1,1-Dichloroethene-d2	2.27	63	513490	31.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.00%
21) 2-Butanone-d5	4.17	46	586263	90.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.59%
24) Chloroform-d	4.64	84	671357	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.30	65	436866	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
32) Benzene-d6	5.33	84	1422271	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.32	67	472668	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.76%
41) Toluene-d8	7.56	98	1238938	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloropropene-	7.85	79	186185	42.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.60%
47) 2-Hexanone-d5	8.31	63	379232	93.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	645235	43.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	420013	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%

Target Compounds

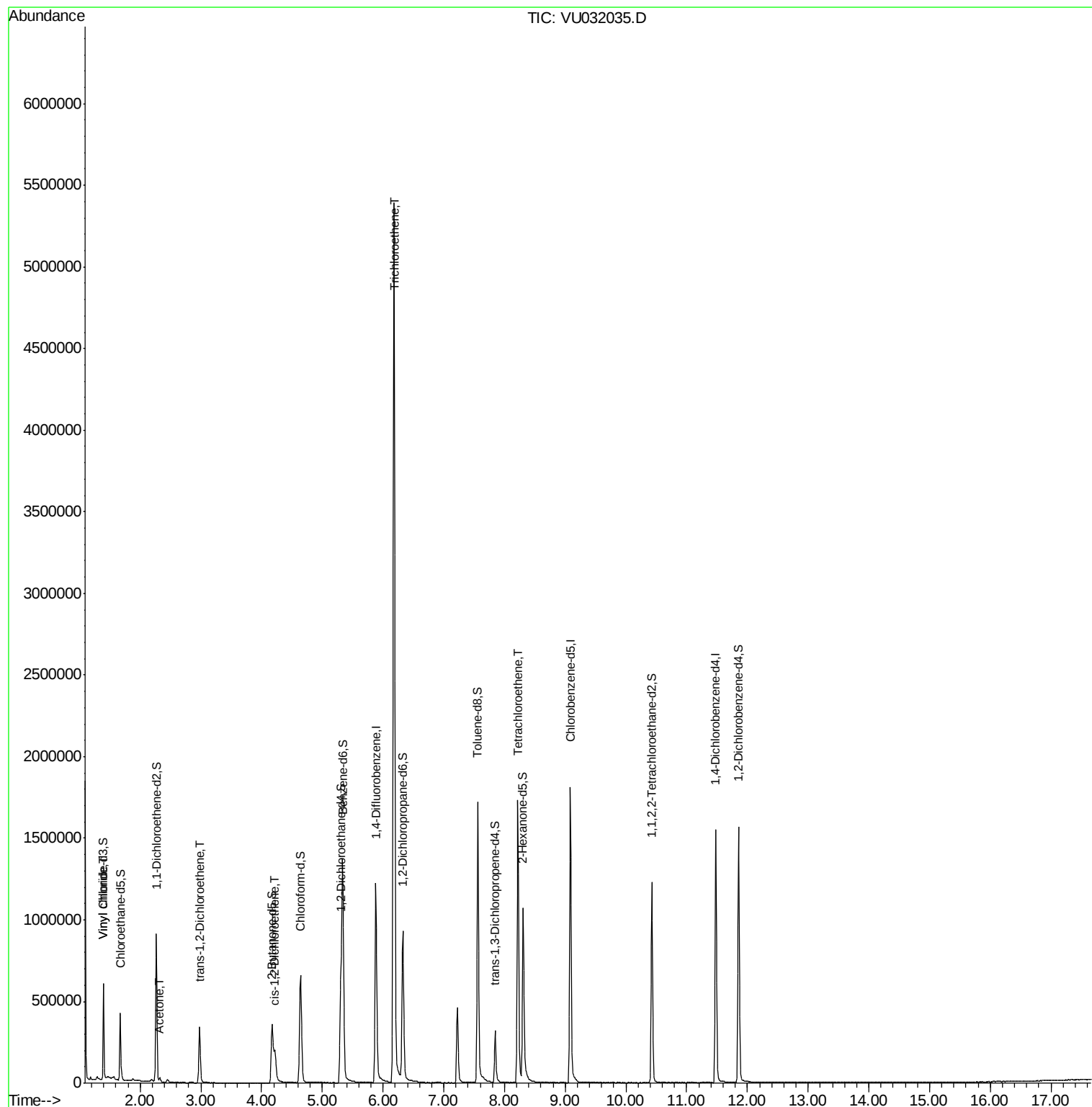
					Ovalue
5) Vinyl chloride	1.40	62	20461	1.804	ug/L # 21
13) Acetone	2.32	43	19408	2.917	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	137164	16.951	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	87134	9.735	ug/L 93
34) Trichloroethene	6.18	95	1999887	236.033	ug/L 100
46) Tetrachloroethene	8.22	164	402537	67.290	ug/L 98

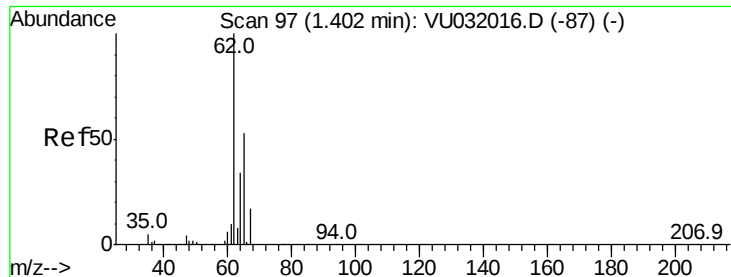
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.804 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

Instrument :

MSVOA_U

ClientSampleID :

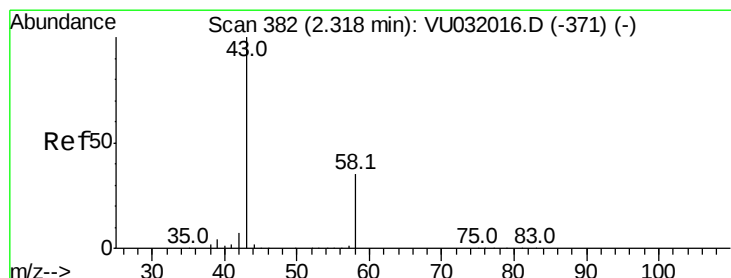
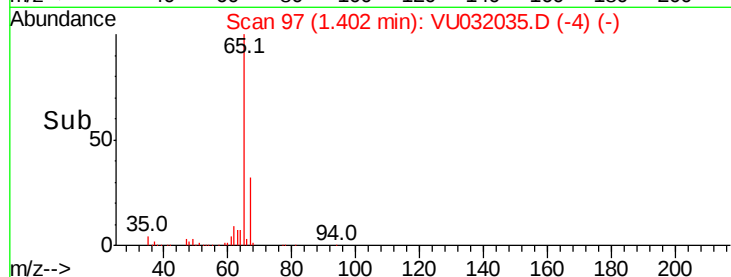
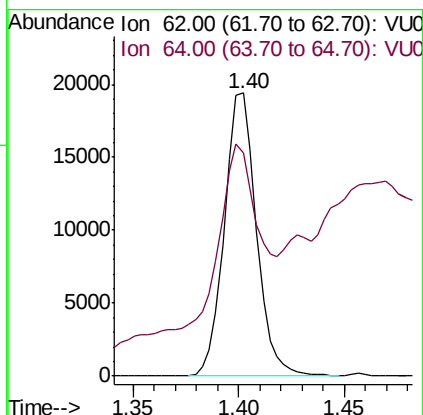
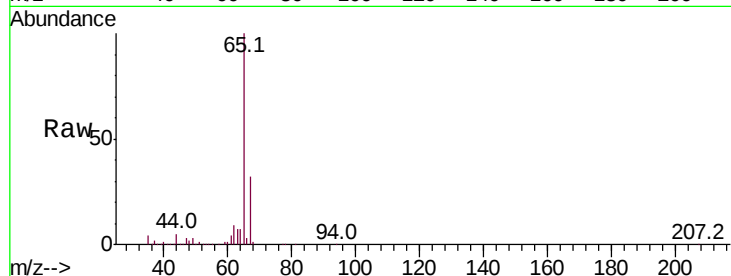
DB897

Tot Ion: 62 Resp: 20461

Ion Ratio Lower Upper

62 100

64 79.0 23.6 43.8#



#13

Acetone

Concen: 2.917 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032035.D

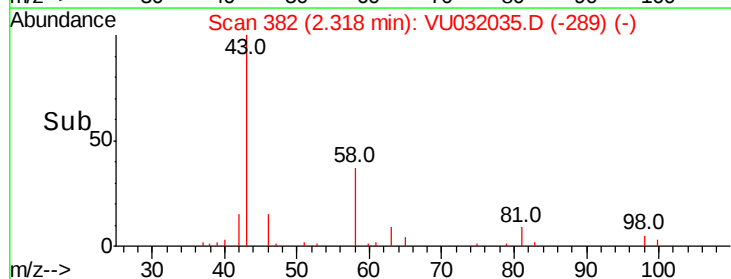
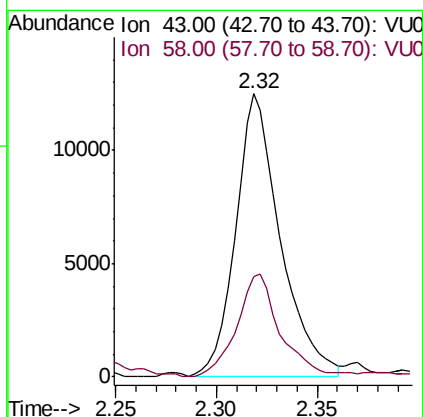
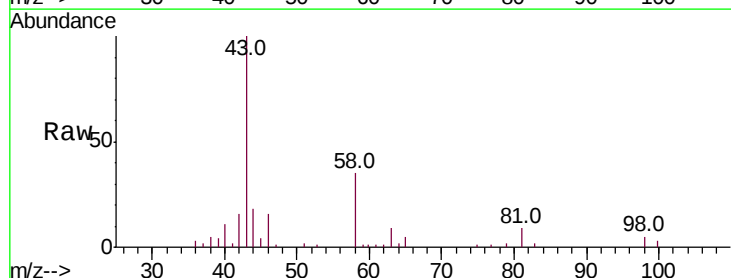
Acq: 15 May 2019 16:32

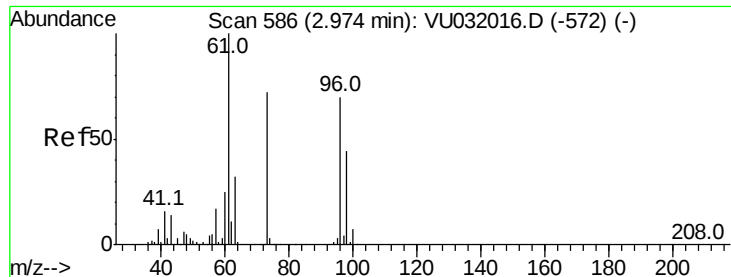
Tgt Ion: 43 Resp: 19408

Ion Ratio Lower Upper

43 100

58 34.7 0.0 68.2





#17

trans-1,2-Dichloroethene

Concen: 16.951 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

DB897

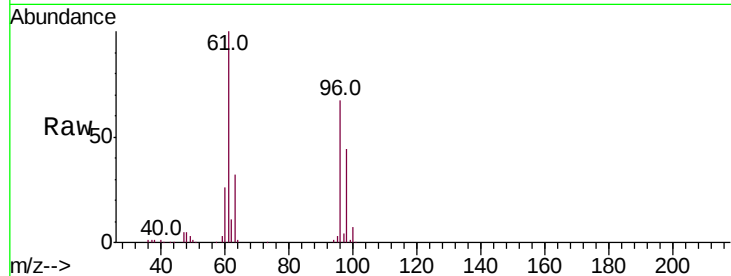
Tot Ion: 96 Resp: 137164

Ion Ratio Lower Upper

96 100

61 148.7 103.2 191.6

98 65.0 45.7 84.9

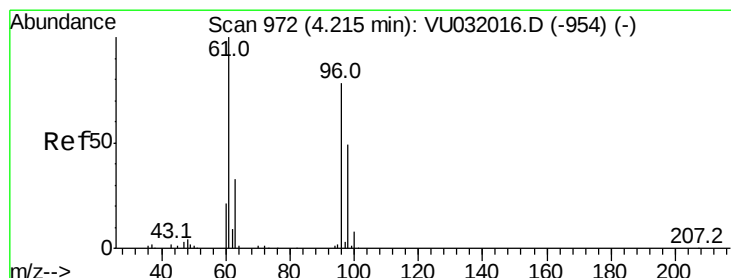
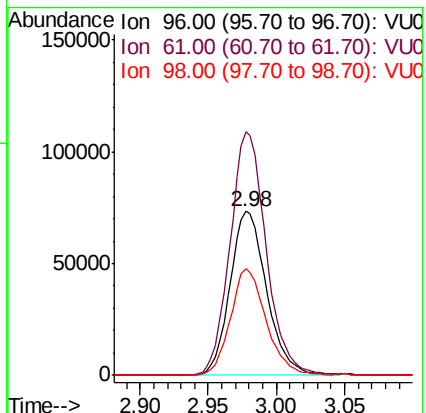
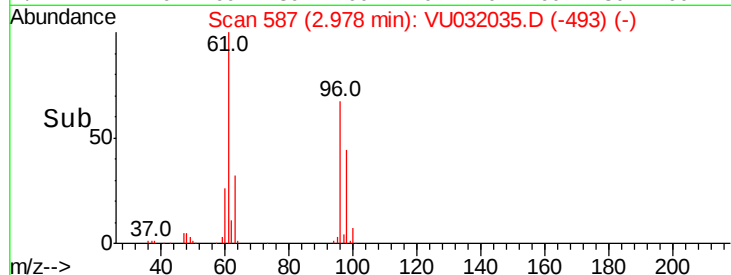


Abundance Ion 96.00 (95.70 to 96.70): VU032016.D (-572) (-)

Ion 61.00 (60.70 to 61.70): VU032016.D (-572) (-)

Ion 98.00 (97.70 to 98.70): VU032016.D (-572) (-)

Time-->



#20

cis-1,2-Dichloroethene

Concen: 9.735 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

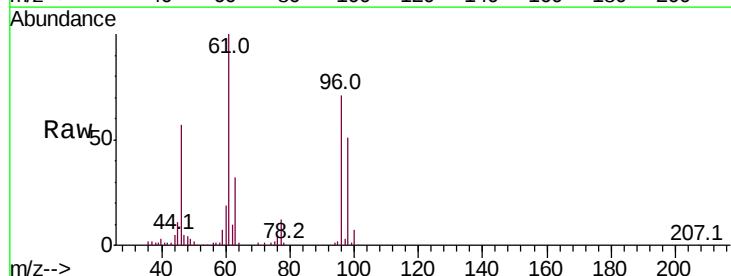
Tgt Ion: 96 Resp: 87134

Ion Ratio Lower Upper

96 100

61 140.7 93.0 172.8

68 0.0 0.0 0.0

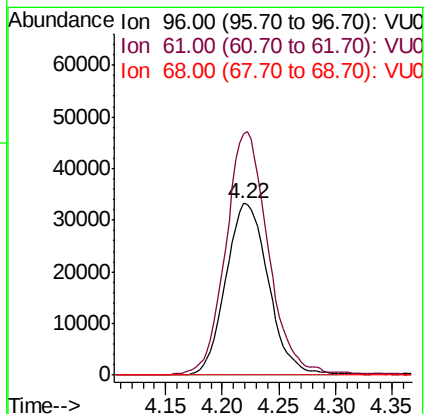
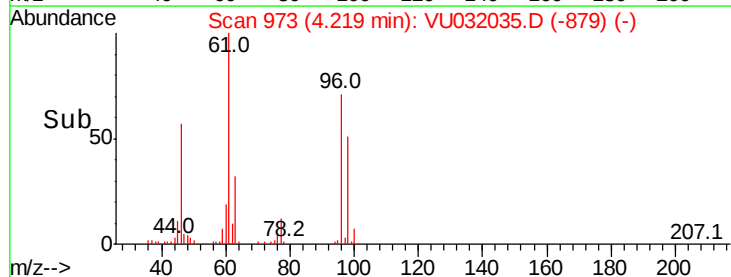


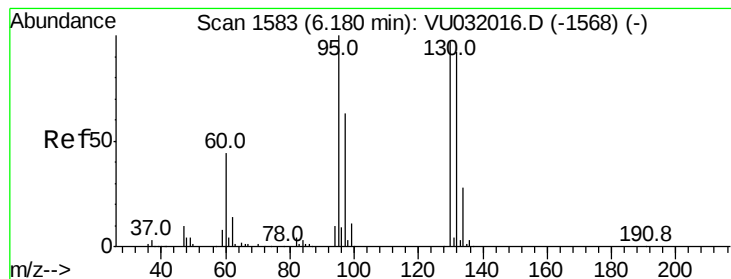
Abundance Ion 96.00 (95.70 to 96.70): VU032016.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU032016.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU032016.D (-954) (-)

Time-->





#34

Trichloroethene

Concen: 236.033 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

DB897

Tot Ion: 95 Resp: 1999887

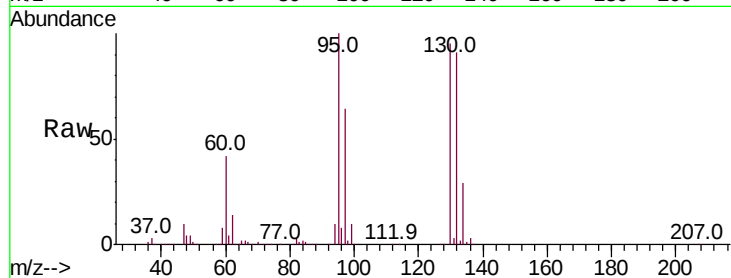
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.9	83.3
132	90.6	63.5	117.9
130	95.4	66.2	123.0

95 100

97 64.5 44.9 83.3

132 90.6 63.5 117.9

130 95.4 66.2 123.0



Abundance

Ion 95.00 (94.70 to 95.70): VU032016.D (-1568) (-)

Ion 97.00 (96.70 to 97.70): VU032016.D (-1568) (-)

Ion 132.00 (131.70 to 132.70): VU032016.D (-1568) (-)

Ion 130.00 (129.70 to 130.70): VU032016.D (-1568) (-)

6.18

1500000

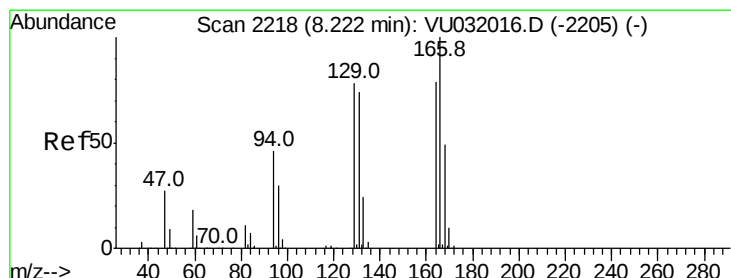
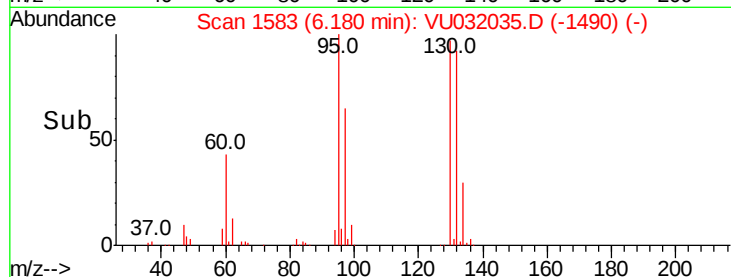
1000000

500000

0

6.10 6.20 6.30

Time-->



#46

Tetrachloroethene

Concen: 67.290 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

Tgt Ion: 164 Resp: 402537

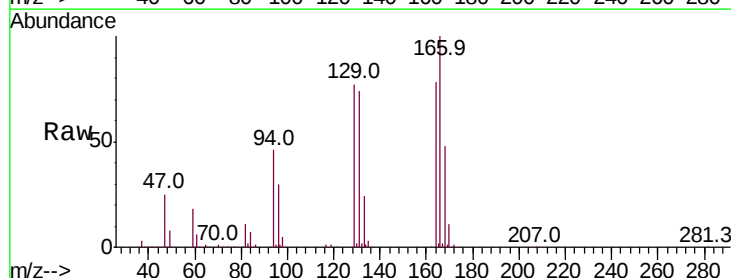
Ion	Ratio	Lower	Upper
164	100		
129	98.1	70.9	131.7
131	94.1	67.4	125.2
166	128.0	90.2	167.4

164 100

129 98.1 70.9 131.7

131 94.1 67.4 125.2

166 128.0 90.2 167.4



Abundance

Ion 164.00 (163.70 to 164.70): VU032016.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU032016.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU032016.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU032016.D (-2205) (-)

8.22

400000

300000

200000

100000

0

8.15 8.20 8.25 8.30

Time-->

