

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032150.D
 Acq On : 20 May 2019 13:12
 Operator : JC/SP
 Sample : K2860-06DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W33DL

Quant Time: May 21 10:49:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 06:39:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	365321	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	381666	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	151586	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106298	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.68	69	94442	3.59	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.80%
11) 1,1-Dichloroethene-d2	2.27	63	157631	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.20	46	258223	42.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.48%
24) Chloroform-d	4.64	84	228844	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.31	65	115841	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.33	84	449145	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.33	67	132171	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.60%
41) Toluene-d8	7.56	98	368267	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	7.85	79	47792	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.31	63	219204	39.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119065	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	142829	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

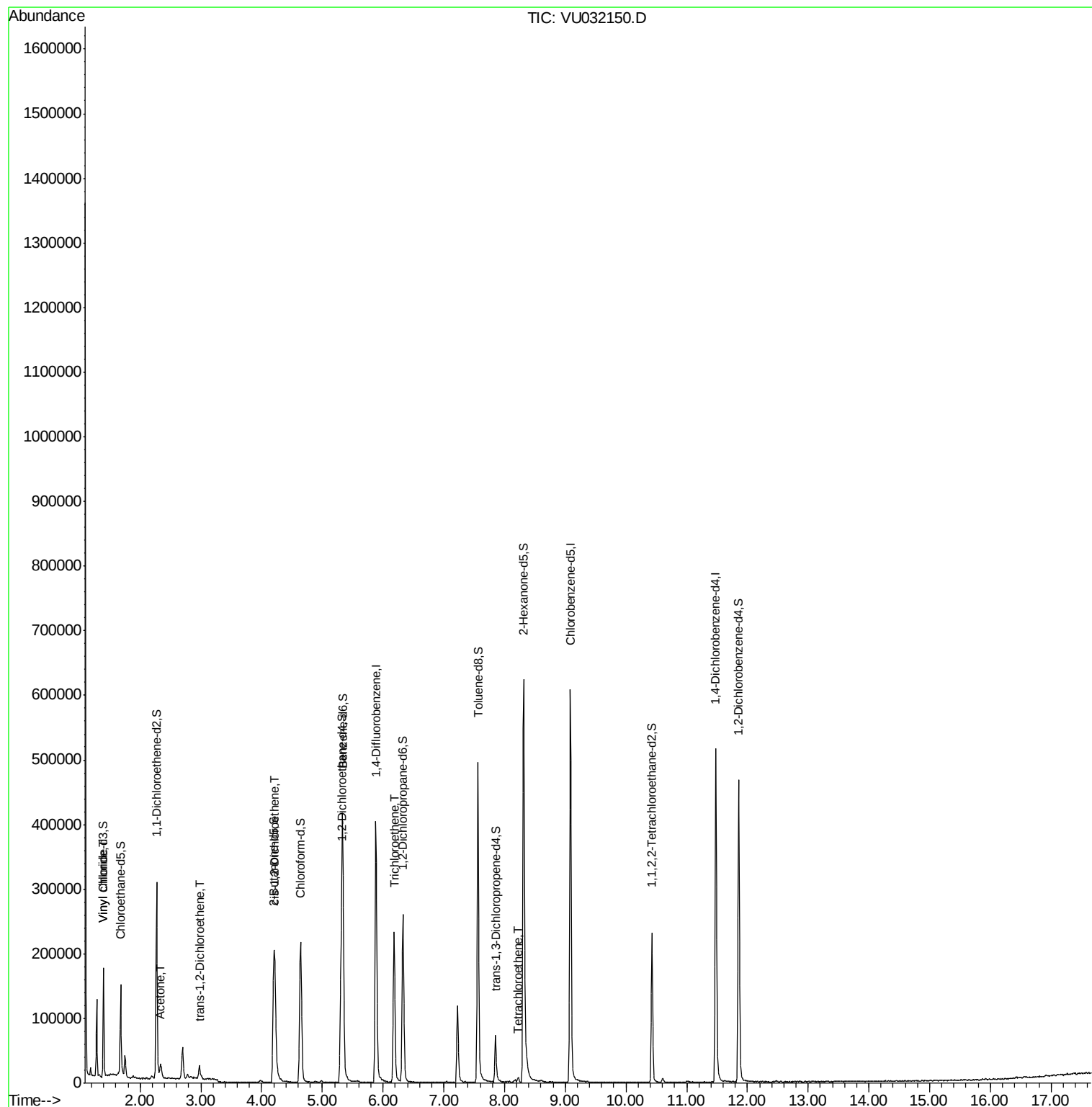
					Ovalue
5) Vinyl chloride	1.40	62	3490	0.189 ug/L #	7
13) Acetone	2.33	43	25805	13.011 ug/L	95
18) trans-1,2-Dichloroethene	2.97	96	7941	0.506 ug/L	84
22) cis-1,2-Dichloroethene	4.22	96	47698	3.088 ug/L	94
34) Trichloroethene	6.18	95	87734	5.519 ug/L	98
47) Tetrachloroethene	8.22	164	2413	0.203 ug/L #	71

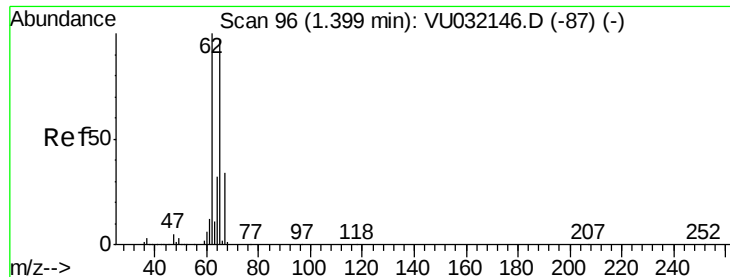
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.189 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032150.D

Acq: 20 May 2019 13:12

Instrument :

MSVOA_U

ClientSampleId :

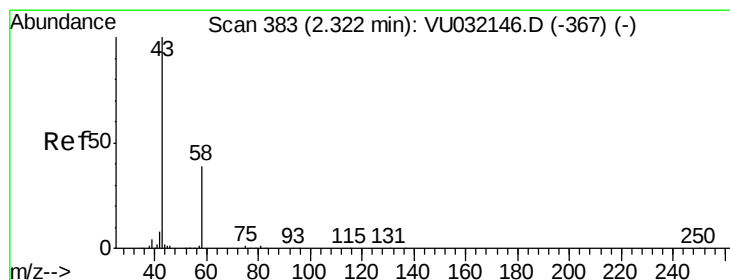
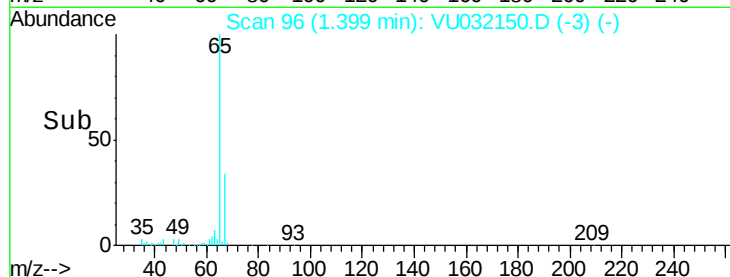
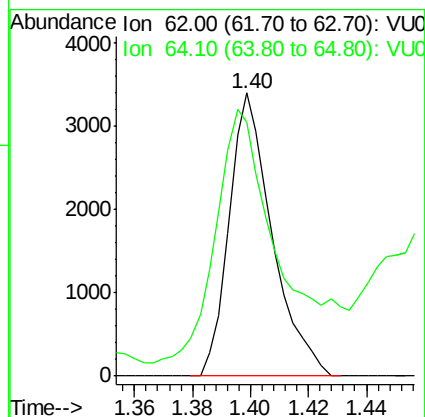
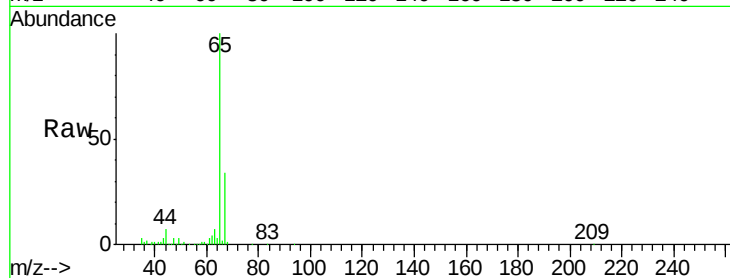
F9W33DL

Tot Ion: 62 Resp: 3490

Ion Ratio Lower Upper

62 100

64 89.6 24.8 46.1#



#13

Acetone

Concen: 13.011 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VU032150.D

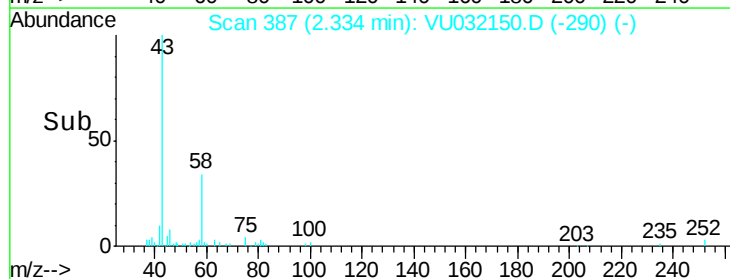
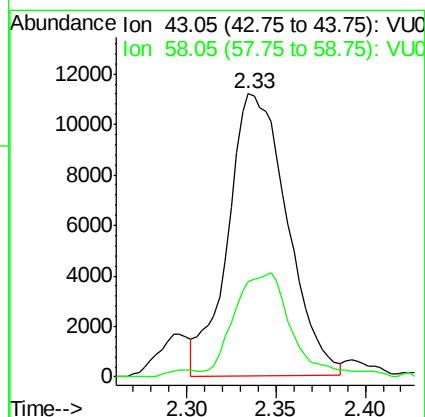
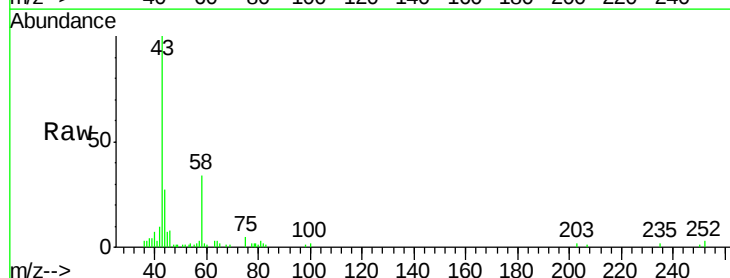
Acq: 20 May 2019 13:12

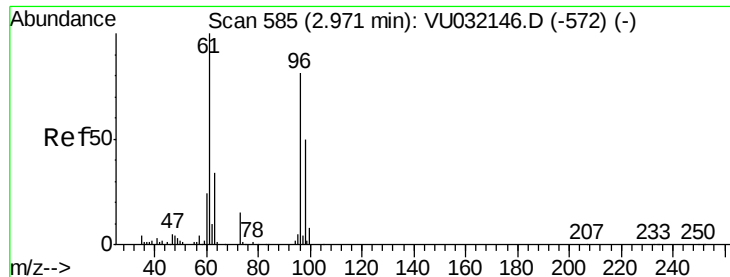
Tgt Ion: 43 Resp: 25805

Ion Ratio Lower Upper

43 100

58 36.2 0.0 78.8





#18

trans-1,2-Dichloroethene

Concen: 0.506 ug/L

RT: 2.97 min Scan# 586

Delta R.T. 0.00 min

Lab File: VU032150.D

Acq: 20 May 2019 13:12

Instrument :

MSVOA_U

ClientSampleId :

F9W33DL

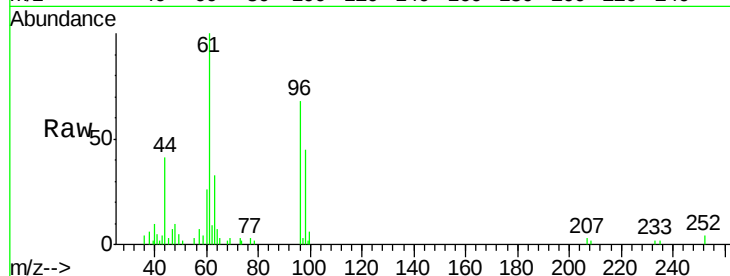
Tot Ion: 96 Resp: 7941

Ion Ratio Lower Upper

96 100

61 147.5 86.5 160.7

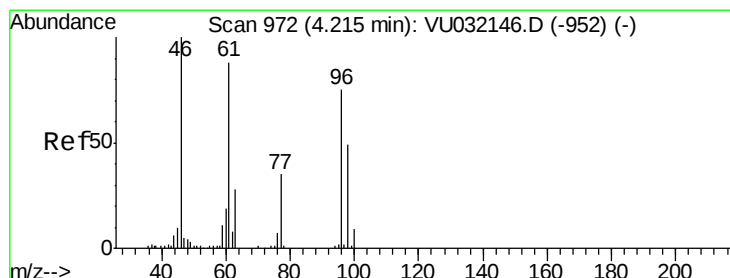
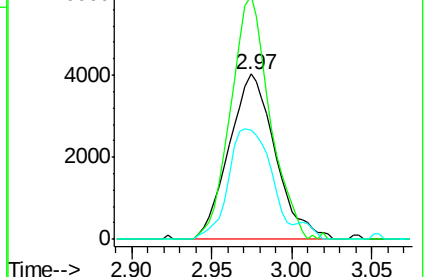
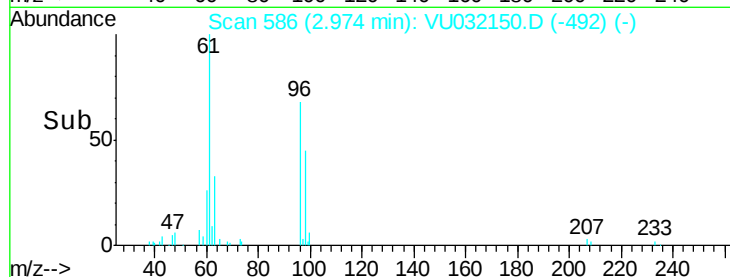
98 66.2 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VU032150.D (-492) (-)

Ion 61.05 (60.75 to 61.75): VU032150.D (-492) (-)

Ion 97.95 (97.65 to 98.65): VU032150.D (-492) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.088 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU032150.D

Acq: 20 May 2019 13:12

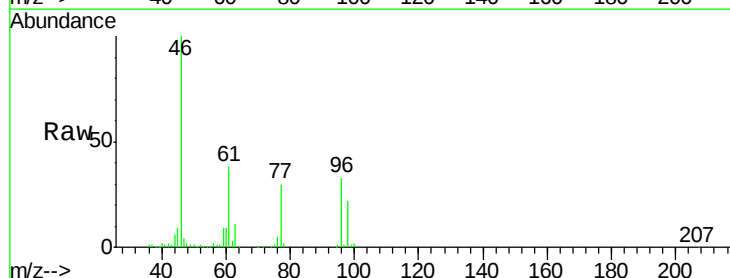
Tgt Ion: 96 Resp: 47698

Ion Ratio Lower Upper

96 100

61 115.7 85.8 159.4

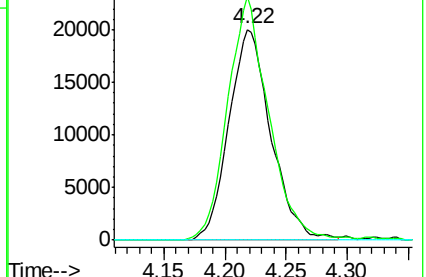
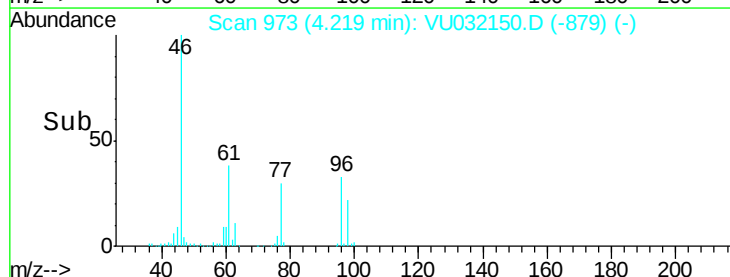
68 0.0 0.0 0.0

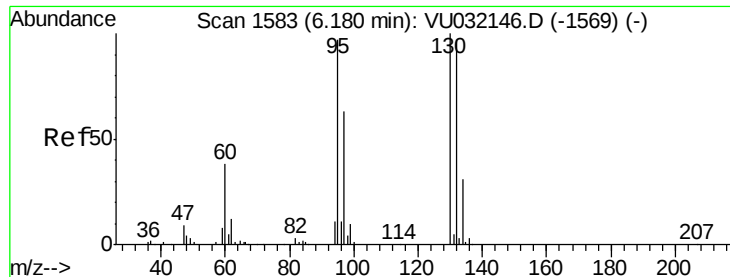


Abundance Ion 96.00 (95.70 to 96.70): VU032150.D (-879) (-)

Ion 61.05 (60.75 to 61.75): VU032150.D (-879) (-)

Ion 68.15 (67.85 to 68.85): VU032150.D (-879) (-)





#34

Trichloroethene

Concen: 5.519 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032150.D

Acq: 20 May 2019 13:12

Instrument :

MSVOA_U

ClientSampleId :

F9W33DL

Tot Ion: 95 Resp: 87734

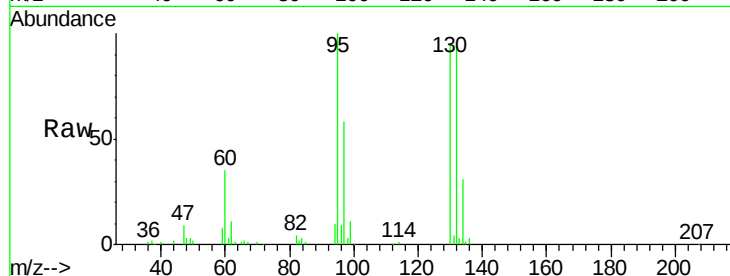
Ion Ratio Lower Upper

95 100

97 58.0 45.2 84.0

132 94.5 66.1 122.7

130 94.8 66.7 123.9

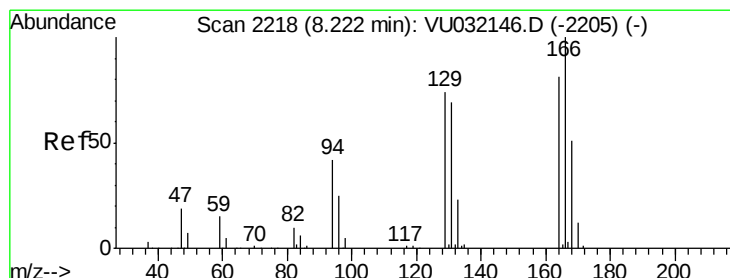
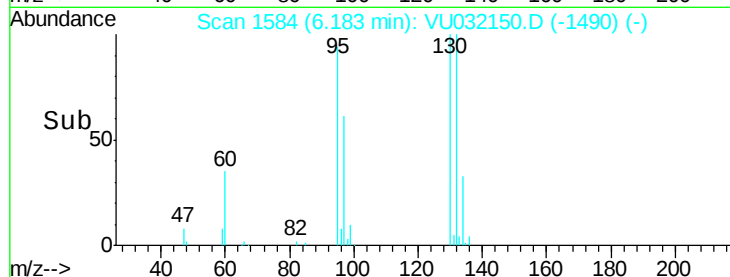
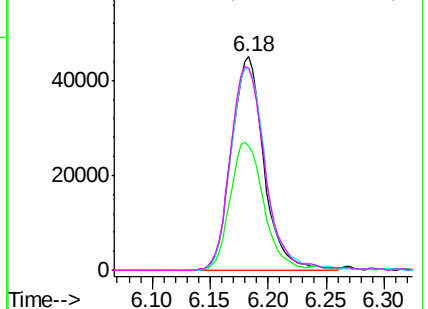


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.203 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032150.D

Acq: 20 May 2019 13:12

Tgt Ion: 164 Resp: 2413

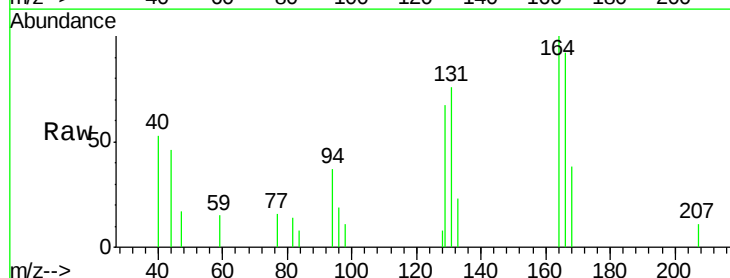
Ion Ratio Lower Upper

164 100

129 67.1 70.3 130.5#

131 76.2 64.5 119.9

166 92.2 92.3 171.5#



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

