

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051219\
 Data File : VU031955.D
 Acq On : 12 May 2019 20:08
 Operator : JC/SP
 Sample : K2744-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D10

Quant Time: May 13 07:56:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 13 07:00:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	450501	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	474343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163763	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	108801	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.68	69	115506	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.27	63	166904	2.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.40%#
20) 2-Butanone-d5	4.20	46	496572	41.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.84%
24) Chloroform-d	4.64	84	258346	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.31	65	148464	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
32) Benzene-d6	5.33	84	472591	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	6.33	67	174146	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	7.56	98	342214	3.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.80%#
43) trans-1,3-Dichloropropene-	7.85	79	49653	3.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.40%
46) 2-Hexanone-d5	8.31	63	338822	42.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	157165	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	129850	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

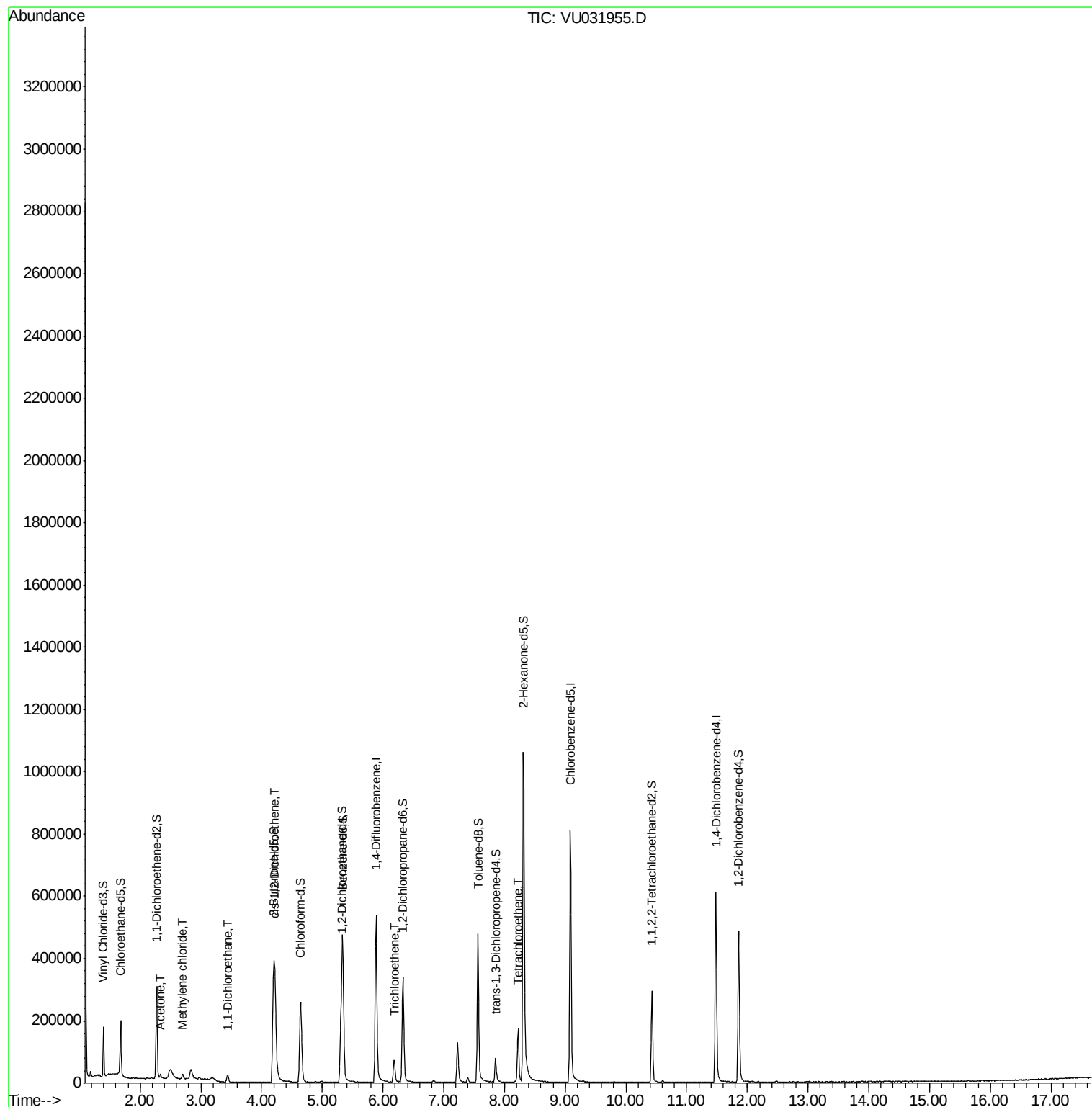
					Ovalue
13) Acetone	2.33	43	9775	1.194	ug/L 82
16) Methylene chloride	2.70	84	5717	0.135	ug/L 86
19) 1,1-Dichloroethane	3.44	63	25003	0.308	ug/L # 96
22) cis-1,2-Dichloroethene	4.22	96	122291	3.085	ug/L 77
34) Trichloroethene	6.18	95	27360	0.656	ug/L 94
47) Tetrachloroethene	8.22	164	40150	1.481	ug/L 93

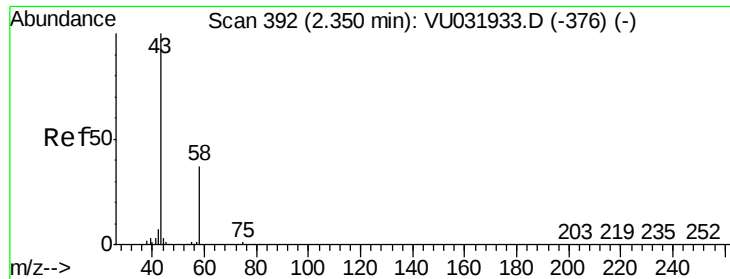
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.194 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU031955.D

Acq: 12 May 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

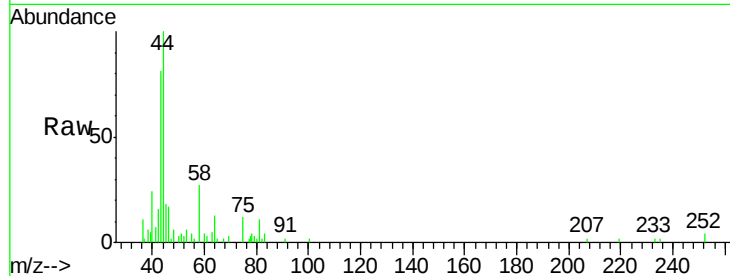
F9D10

Tot Ion: 43 Resp: 9775

Ion Ratio Lower Upper

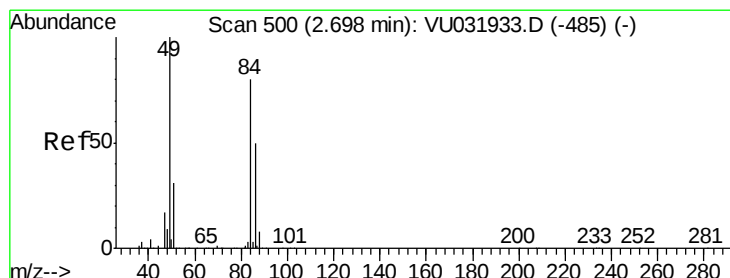
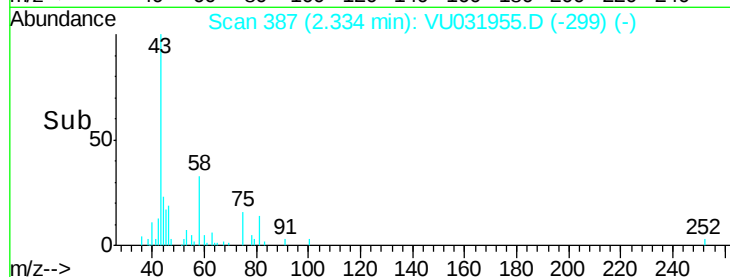
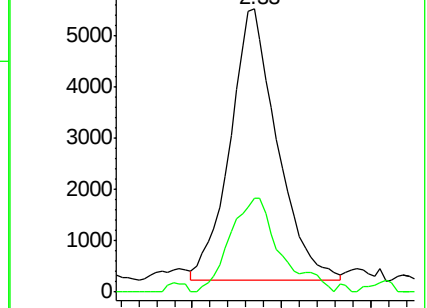
43 100

58 36.3 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031933.D (-376) (-)

Ion 58.05 (57.75 to 58.75): VU031933.D (-376) (-)



#16

Methylene chloride

Concen: 0.135 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031955.D

Acq: 12 May 2019 20:08

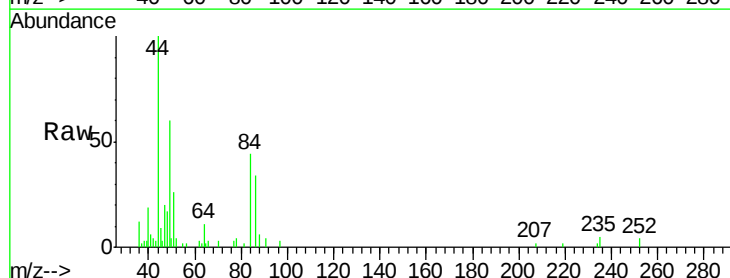
Tgt Ion: 84 Resp: 5717

Ion Ratio Lower Upper

84 100

86 77.3 45.6 84.8

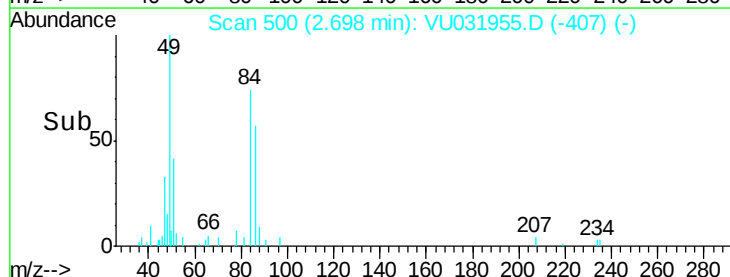
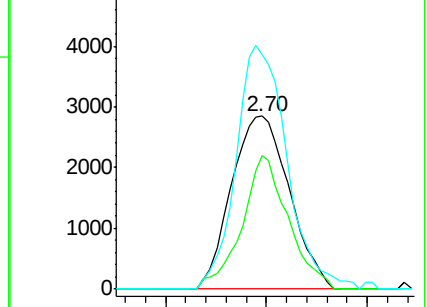
49 135.9 106.7 198.1

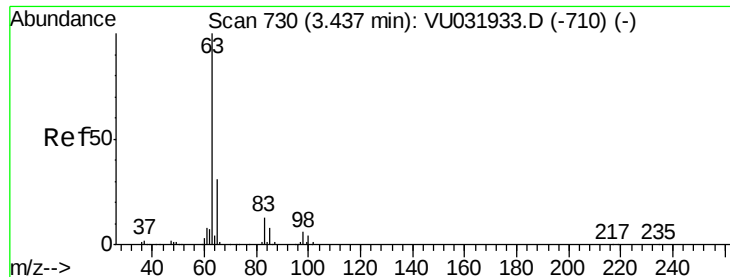


Abundance Ion 84.05 (83.75 to 84.75): VU031933.D (-485) (-)

Ion 86.00 (85.70 to 86.70): VU031933.D (-485) (-)

Ion 49.10 (48.80 to 49.80): VU031933.D (-485) (-)





#19

1,1-Dichloroethane

Concen: 0.308 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU031955.D

Acq: 12 May 2019 20:08

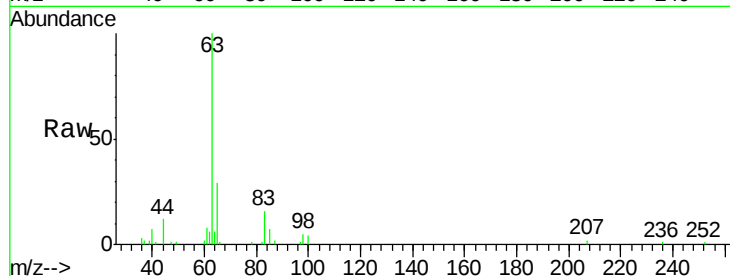
Instrument :

MSVOA_U

ClientSampleId :

F9D10

Tot Ion:	63	Resp:	25003
Ion	Ratio	Lower	Upper
63	100		
65	30.2	21.8	40.4
83	15.9	7.9	14.7#

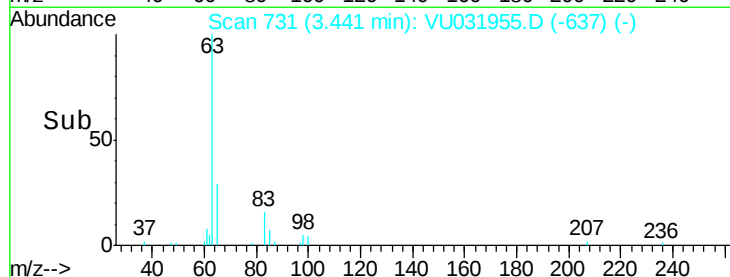


Abundance Ion 63.10 (62.80 to 63.80): VU031933.D (-710) (-)

Ion 65.10 (64.80 to 65.80): VU031933.D (-710) (-)

Ion 83.05 (82.75 to 83.75): VU031933.D (-710) (-)

Time-->

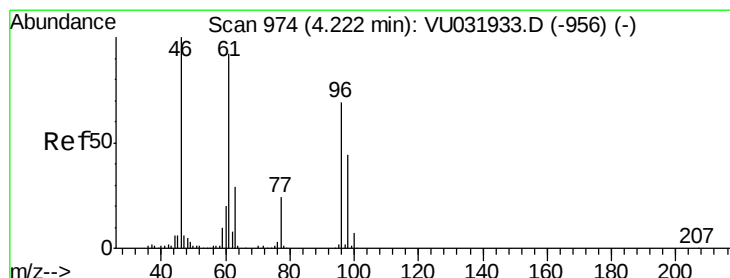


Abundance Ion 63.10 (62.80 to 63.80): VU031955.D (-637) (-)

Ion 65.10 (64.80 to 65.80): VU031955.D (-637) (-)

Ion 83.05 (82.75 to 83.75): VU031955.D (-637) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 3.085 ug/L

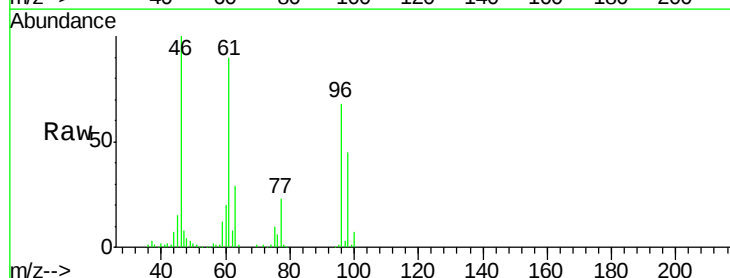
RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031955.D

Acq: 12 May 2019 20:08

Tgt Ion:	96	Resp:	122291
Ion	Ratio	Lower	Upper
96	100		
61	131.8	113.3	210.5
68	0.0	0.0	0.0

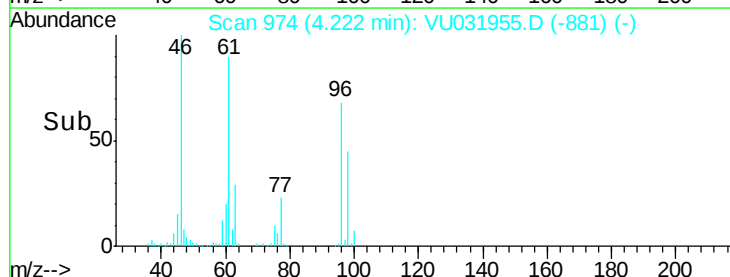


Abundance Ion 96.00 (95.70 to 96.70): VU031933.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU031933.D (-956) (-)

Ion 68.15 (67.85 to 68.85): VU031933.D (-956) (-)

Time-->

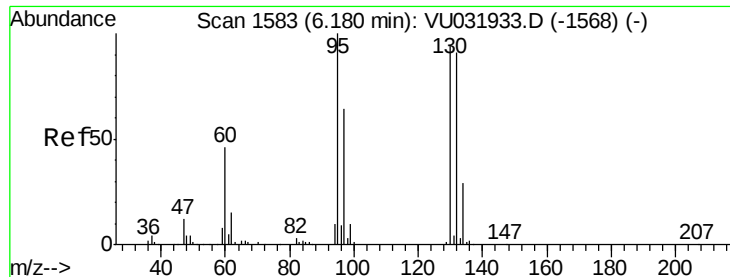


Abundance Ion 96.00 (95.70 to 96.70): VU031955.D (-881) (-)

Ion 61.05 (60.75 to 61.75): VU031955.D (-881) (-)

Ion 68.15 (67.85 to 68.85): VU031955.D (-881) (-)

Time-->



#34

Trichloroethene

Concen: 0.656 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031955.D

Acq: 12 May 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

F9D10

Tot Ion: 95 Resp: 27360

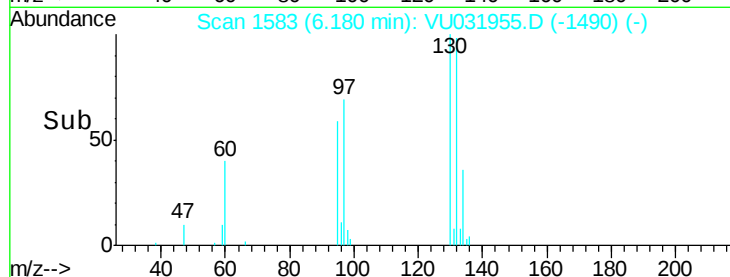
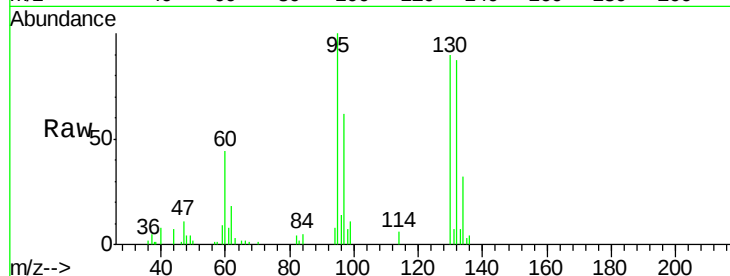
Ion Ratio Lower Upper

95 100

97 61.7 45.8 85.2

132 87.5 56.0 104.0

130 89.6 60.4 112.2

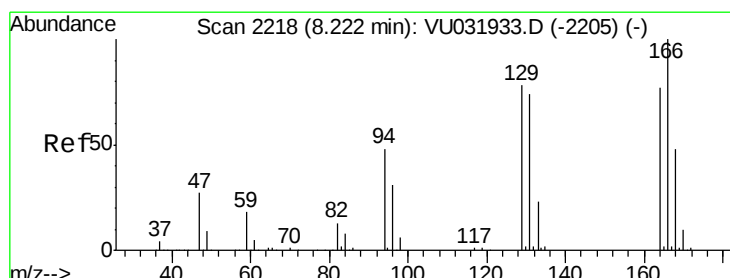
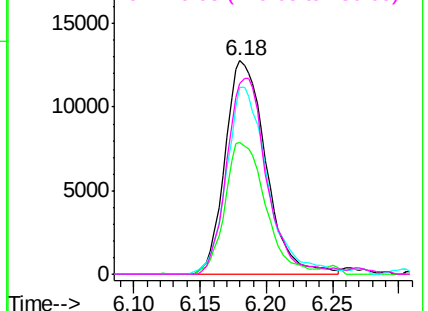


Abundance Ion 95.00 (94.70 to 95.70): VU031955.D (-1490) (-)

Ion 96.95 (96.65 to 97.65): VU031955.D (-1490) (-)

Ion 131.95 (131.65 to 132.65): VU031955.D (-1490) (-)

Ion 129.95 (129.65 to 130.65): VU031955.D (-1490) (-)



#47

Tetrachloroethene

Concen: 1.481 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031955.D

Acq: 12 May 2019 20:08

Tgt Ion: 164 Resp: 40150

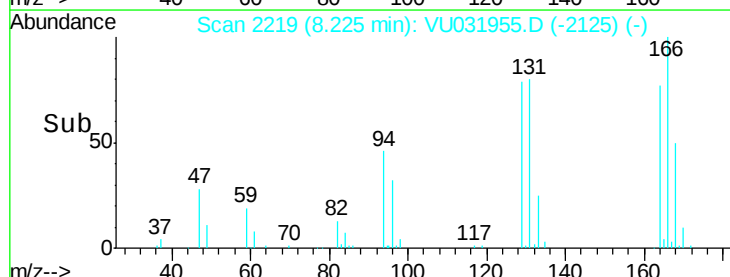
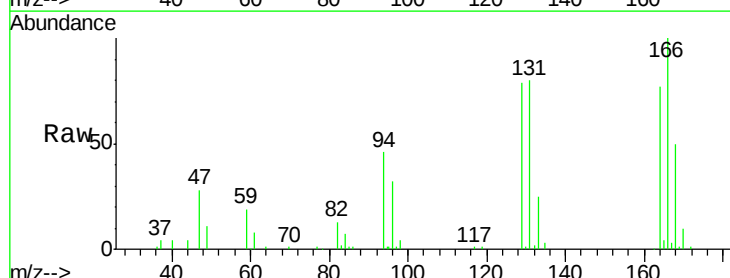
Ion Ratio Lower Upper

164 100

129 103.4 70.3 130.5

131 103.9 65.4 121.4

166 130.1 86.0 159.8



Abundance Ion 163.90 (163.60 to 164.60): VU031955.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU031955.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU031955.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU031955.D (-2125) (-)

