

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051219\
 Data File : VU031945.D
 Acq On : 12 May 2019 16:01
 Operator : JC/SP
 Sample : K2791-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D30

Quant Time: May 13 07:33:20 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	475491	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	497606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	178190	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	124270	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.68	69	125055	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.27	63	188480	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	4.20	46	526570	41.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.24%
24) Chloroform-d	4.64	84	283718	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.31	65	159118	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
32) Benzene-d6	5.34	84	532450	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.33	67	191198	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.56	98	399114	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	7.85	79	55256	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
46) 2-Hexanone-d5	8.31	63	354862	42.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	167552	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	145070	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

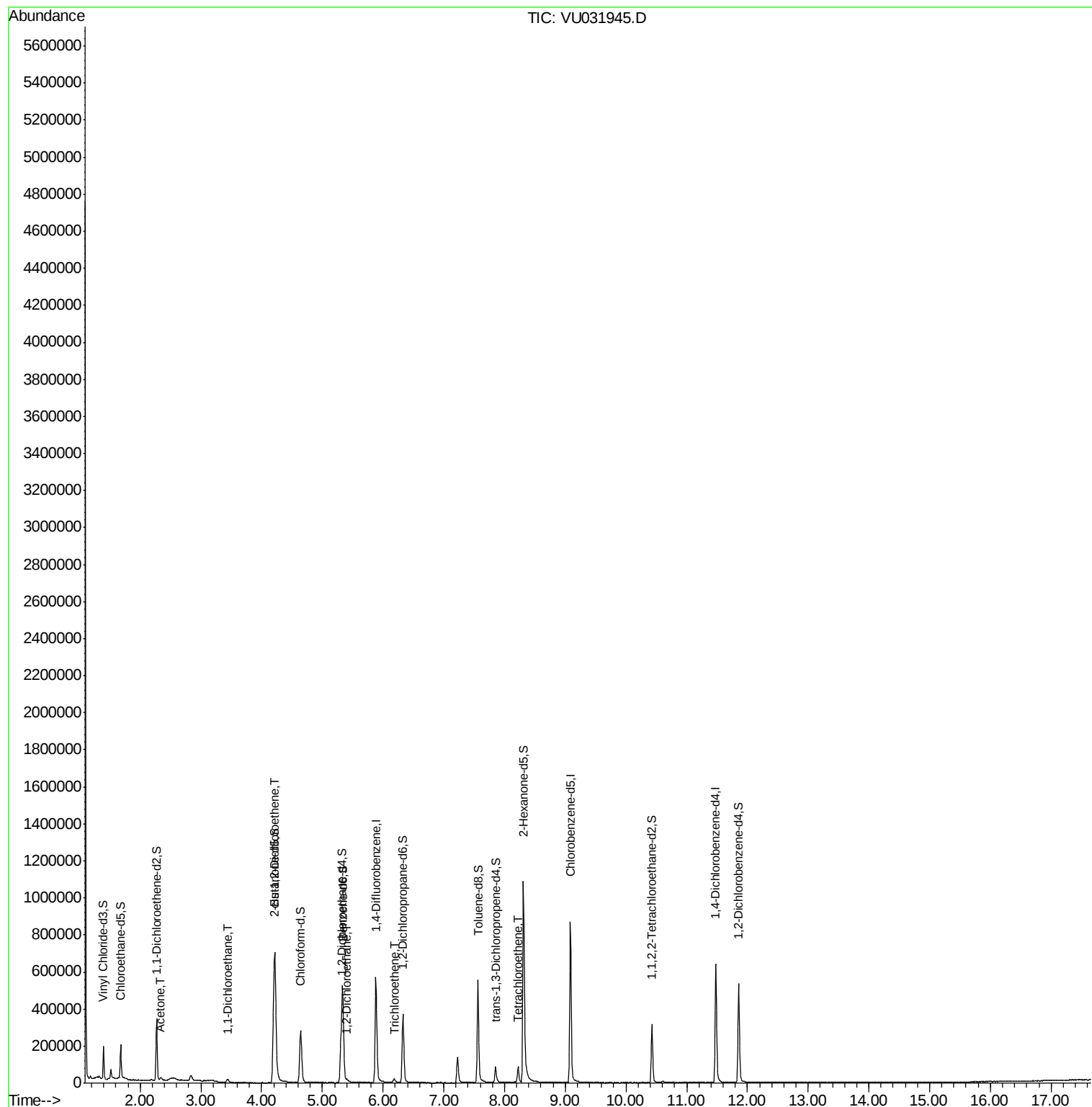
					Ovalue
13) Acetone	2.34	43	10318	1.194	ug/L 75
19) 1,1-Dichloroethane	3.44	63	19805	0.231	ug/L 97
22) cis-1,2-Dichloroethene	4.22	96	282361	6.748	ug/L 82
27) 1,2-Dichloroethane	5.40	62	6978	0.125	ug/L # 69
34) Trichloroethene	6.19	95	6360	0.145	ug/L 93
47) Tetrachloroethene	8.22	164	18877	0.664	ug/L 93

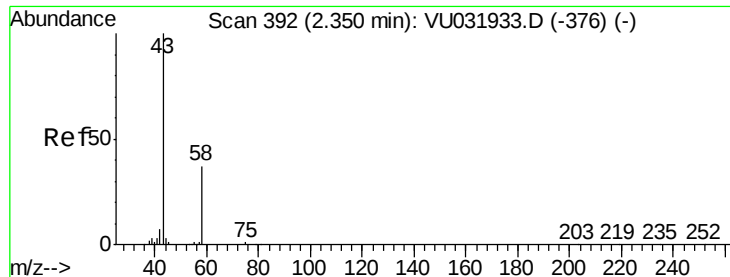
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.194 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU031945.D

Acq: 12 May 2019 16:01

Instrument :

MSVOA_U

ClientSampled :

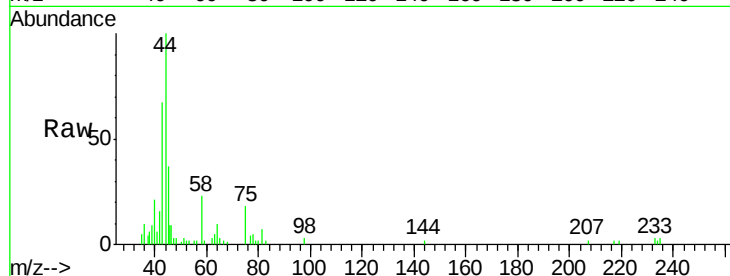
F9D30

Tot Ion: 43 Resp: 10318

Ion Ratio Lower Upper

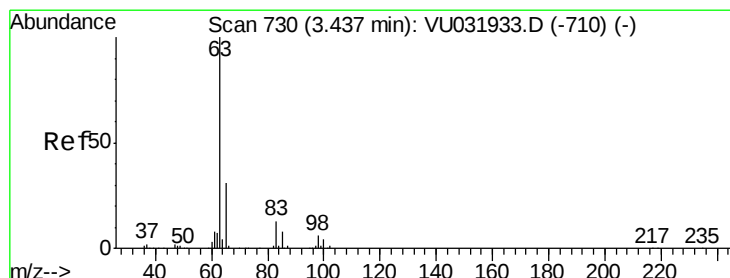
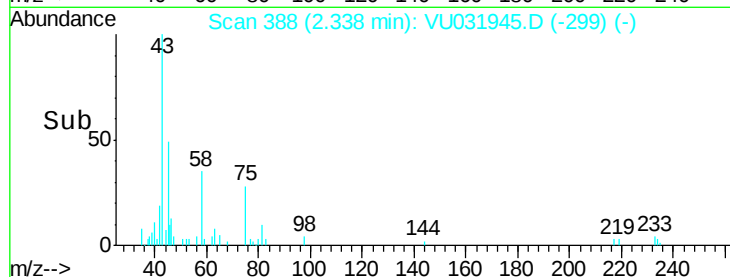
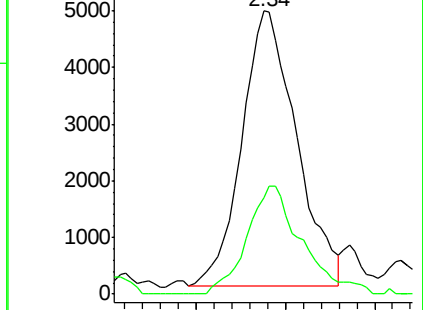
43 100

58 39.7 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) (-)



#19

1,1-Dichloroethane

Concen: 0.231 ug/L

RT: 3.44 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU031945.D

Acq: 12 May 2019 16:01

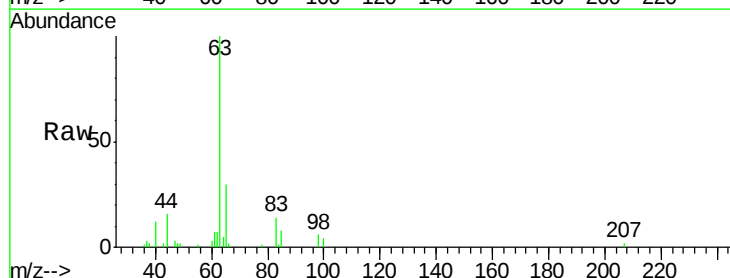
Tgt Ion: 63 Resp: 19805

Ion Ratio Lower Upper

63 100

65 30.3 21.8 40.4

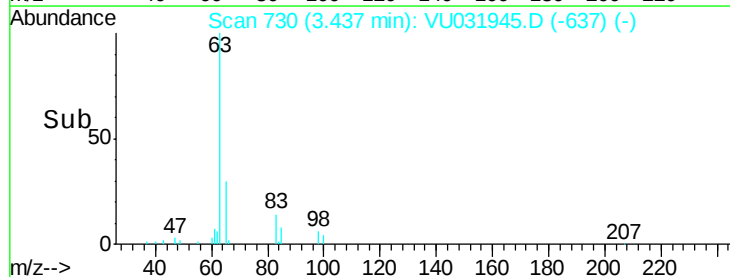
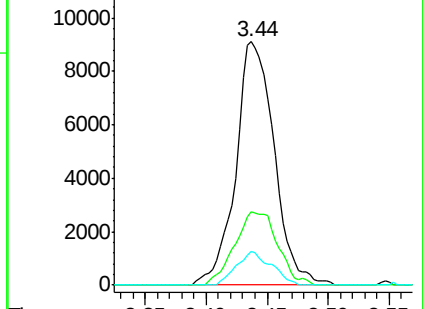
83 13.9 7.9 14.7

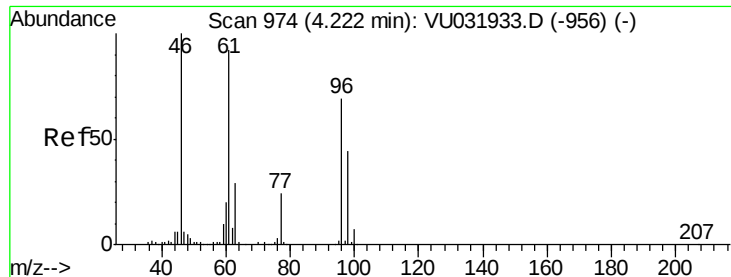


Abundance Ion 63.10 (62.80 to 63.80): VU031933.D (-710) (-)

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

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





#22

cis-1,2-Dichloroethene

Concen: 6.748 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031945.D

Acq: 12 May 2019 16:01

Instrument :

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F9D30

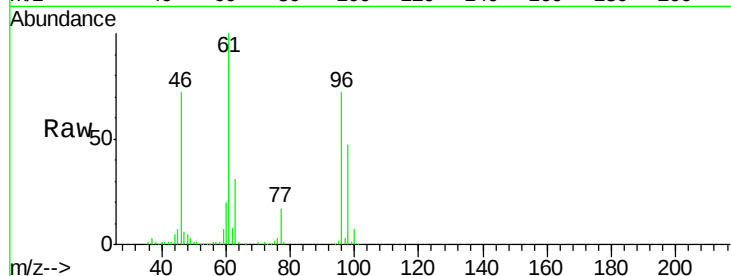
Tot Ion: 96 Resp: 282361

Ion Ratio Lower Upper

96 100

61 138.4 113.3 210.5

68 0.0 0.0 0.0

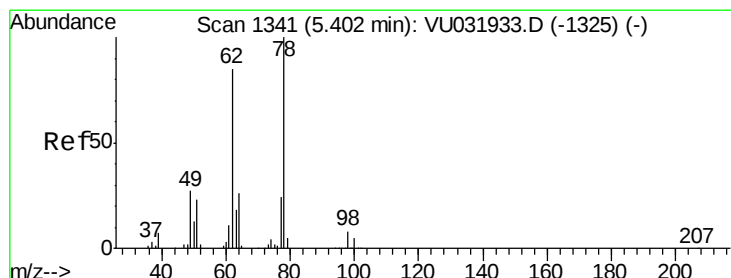
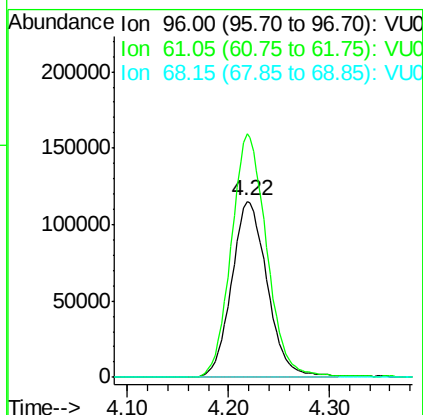
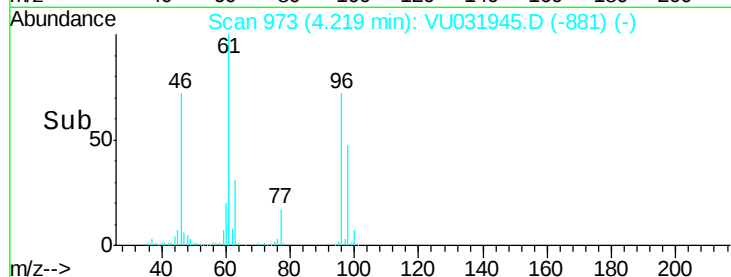


Abundance Ion 96.00 (95.70 to 96.70): VU031933.D (-956) (-)

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

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

4.22



#27

1,2-Dichloroethane

Concen: 0.125 ug/L

RT: 5.40 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU031945.D

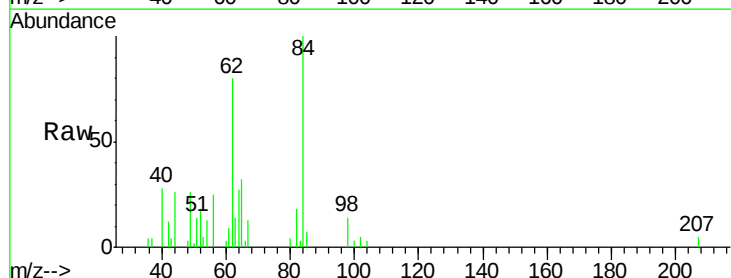
Acq: 12 May 2019 16:01

Tgt Ion: 62 Resp: 6978

Ion Ratio Lower Upper

62 100

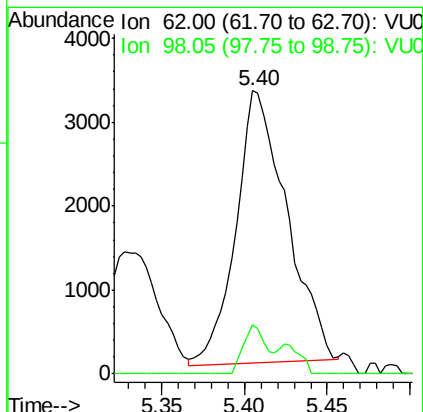
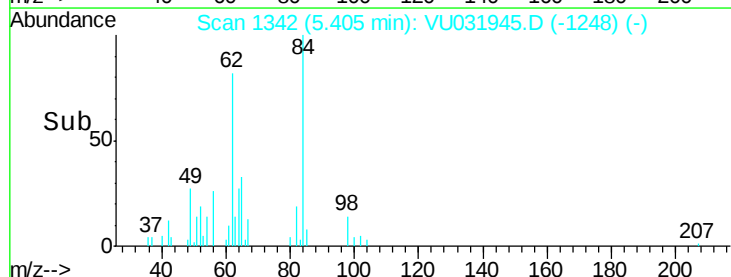
98 17.4 5.4 8.2#

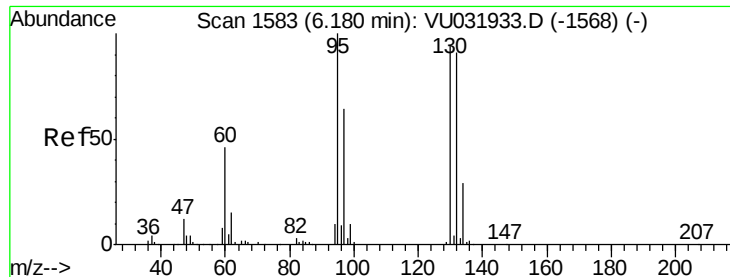


Abundance Ion 62.00 (61.70 to 62.70): VU031933.D (-1325) (-)

Ion 98.05 (97.75 to 98.75): VU031933.D (-1325) (-)

5.40





#34

Trichloroethene

Concen: 0.145 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031945.D

Acq: 12 May 2019 16:01

Instrument :

MSVOA_U

ClientSampleId :

F9D30

Tot Ion: 95 Resp: 6360

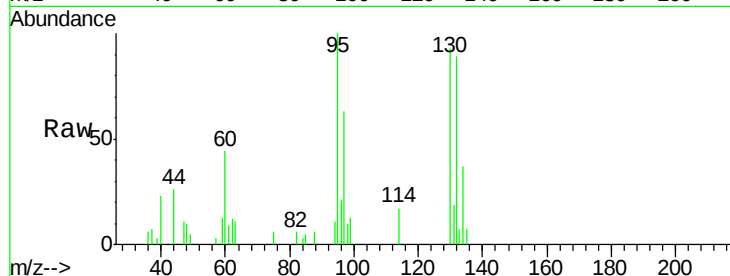
Ion Ratio Lower Upper

95 100

97 63.4 45.8 85.2

132 88.6 56.0 104.0

130 93.4 60.4 112.2

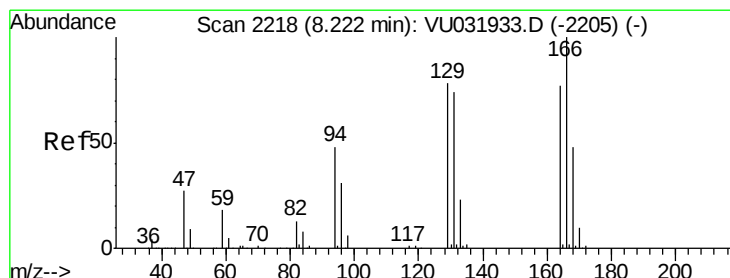
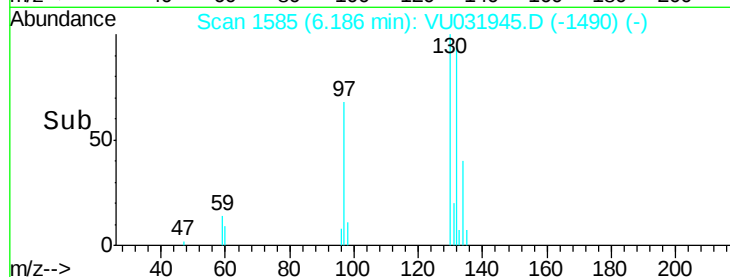
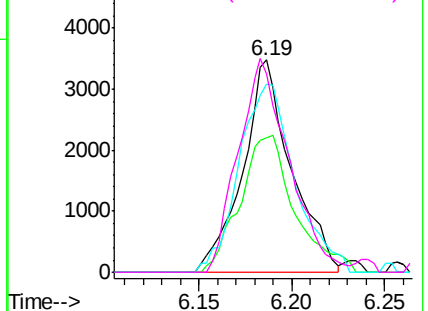


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.664 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031945.D

Acq: 12 May 2019 16:01

Tgt Ion: 164 Resp: 18877

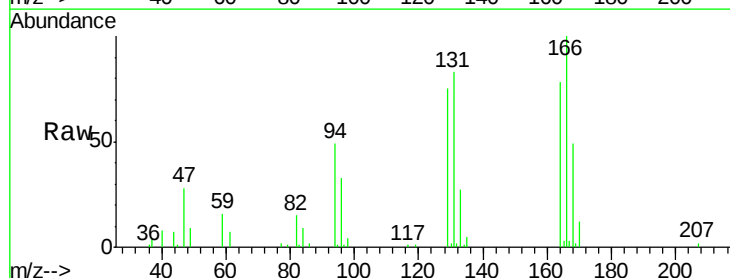
Ion Ratio Lower Upper

164 100

129 96.4 70.3 130.5

131 106.3 65.4 121.4

166 128.5 86.0 159.8



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

