

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\
 Data File : VU033083.D
 Acq On : 28 Jun 2019 20:19
 Operator : JC/SP
 Sample : K3597-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM63

Quant Time: Jun 29 01:19:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 29 00:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	85751	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88404	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42853	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	18807	3.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.00%
7) Chloroethane-d5	1.68	69	18472	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.27	63	32421	2.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.40%#
20) 2-Butanone-d5	4.19	46	89369	51.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.14%
24) Chloroform-d	4.64	84	49105	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.30	65	29607	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.33	84	86593	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	6.32	67	30455	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.56	98	73643	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
43) trans-1,3-Dichloropropene-	7.85	79	11107	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.31	63	58793	47.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26871	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	34359	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

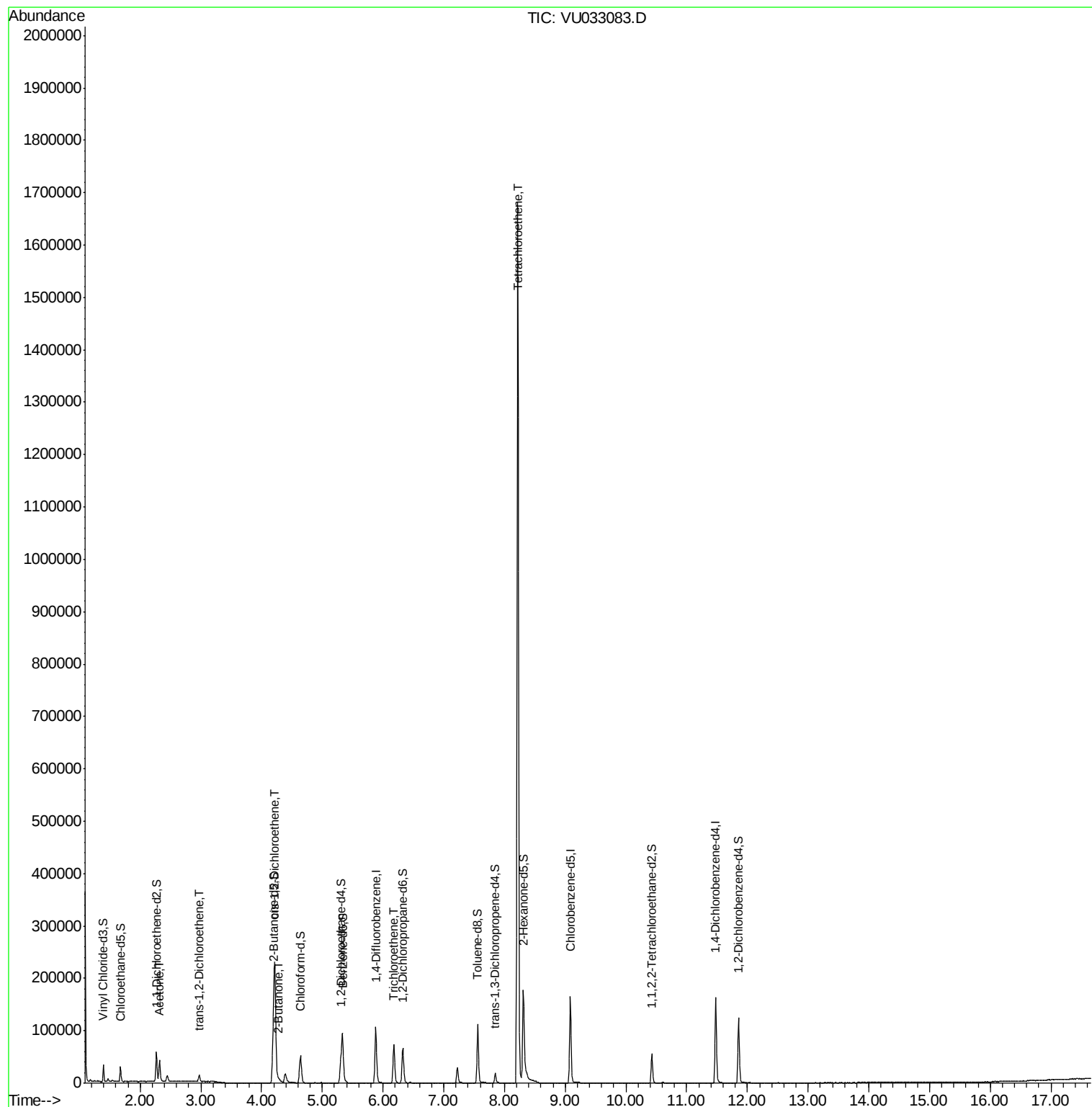
					Ovalue
13) Acetone	2.32	43	44351	30.372	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	4225	0.676	ug/L 94
21) 2-Butanone	4.28	43	7746	3.768	ug/L 96
22) cis-1,2-Dichloroethene	4.22	96	113932	16.786	ug/L 99
34) Trichloroethene	6.18	95	23910	3.350	ug/L 97
47) Tetrachloroethene	8.22	164	351332	61.190	ug/L 99

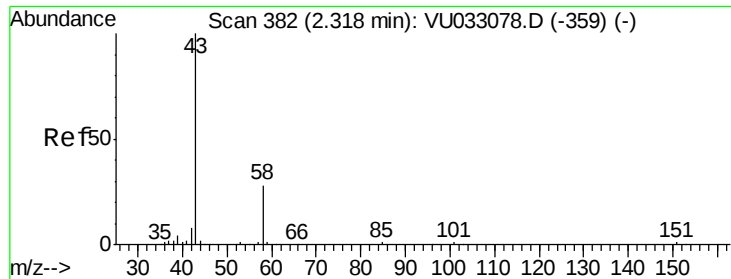
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.372 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033083.D

Acq: 28 Jun 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

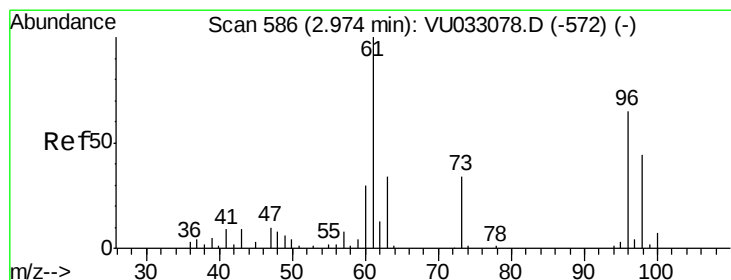
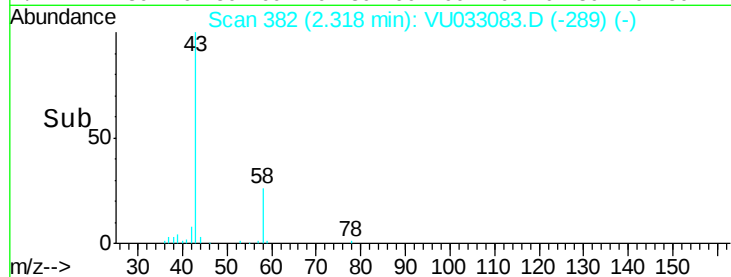
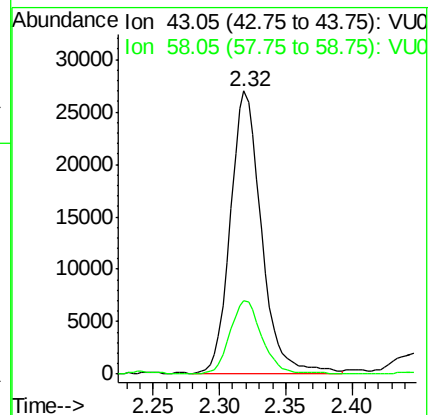
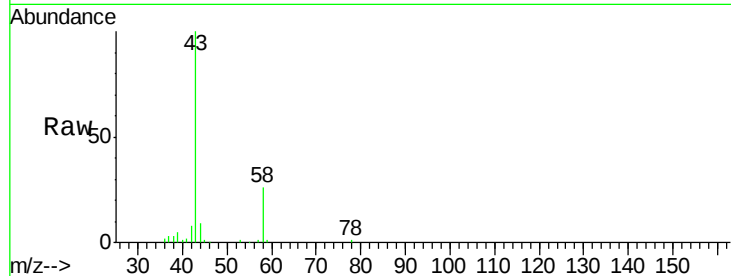
GAM63

Tot Ion: 43 Resp: 44351

Ion Ratio Lower Upper

43 100

58 26.2 0.0 51.8



#18

trans-1,2-Dichloroethene

Concen: 0.676 ug/L

RT: 2.97 min Scan# 586

Delta R.T. 0.00 min

Lab File: VU033083.D

Acq: 28 Jun 2019 20:19

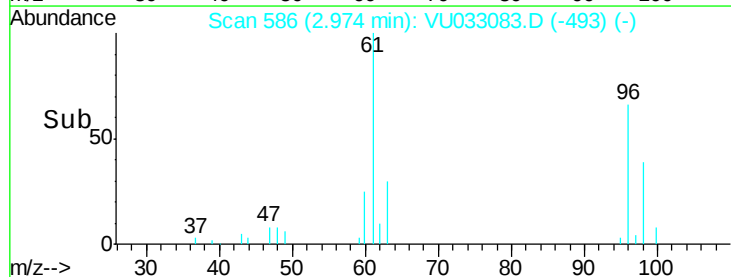
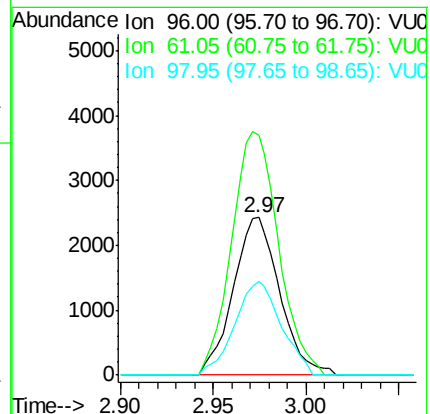
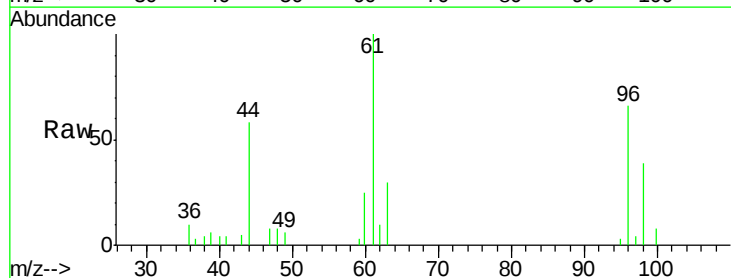
Tgt Ion: 96 Resp: 4225

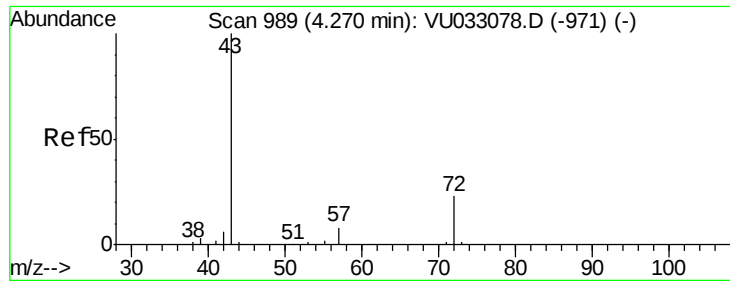
Ion Ratio Lower Upper

96 100

61 152.5 112.2 208.4

98 59.4 45.4 84.4





#21

2-Butanone

Concen: 3.768 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU033083.D

Acq: 28 Jun 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

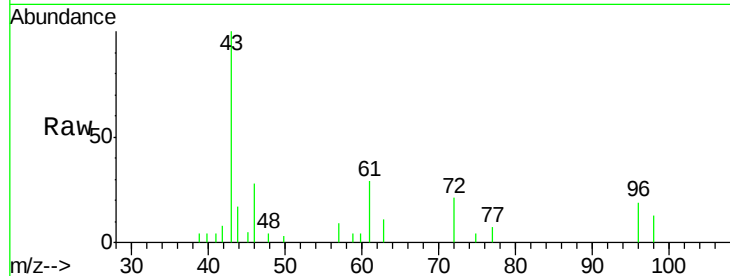
GAM63

Tot Ion: 43 Resp: 7746

Ion Ratio Lower Upper

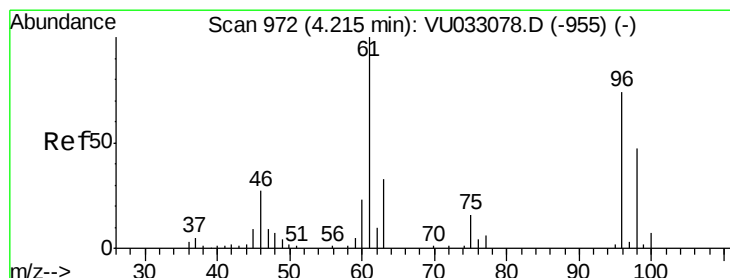
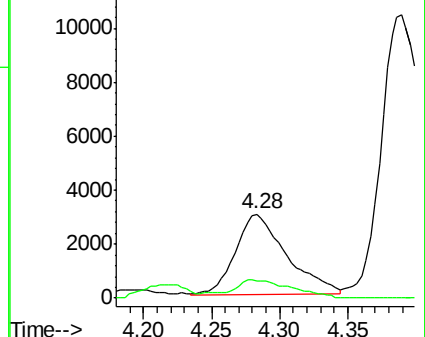
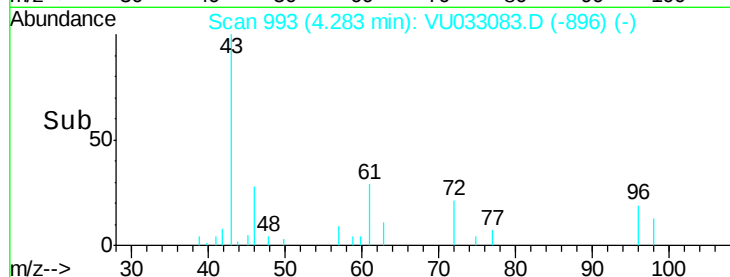
43 100

72 24.8 11.5 34.5



Abundance Ion 43.05 (42.75 to 43.75): VU033083.D (-896) (-)

Ion 72.10 (71.80 to 72.80): VU033083.D (-896) (-)



#22

cis-1,2-Dichloroethene

Concen: 16.786 ug/L

RT: 4.22 min Scan# 972

Delta R.T. 0.00 min

Lab File: VU033083.D

Acq: 28 Jun 2019 20:19

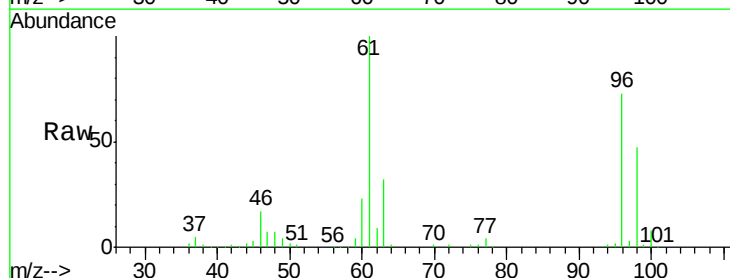
Tgt Ion: 96 Resp: 113932

Ion Ratio Lower Upper

96 100

61 136.9 94.6 175.8

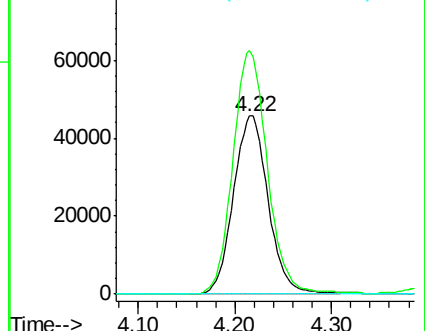
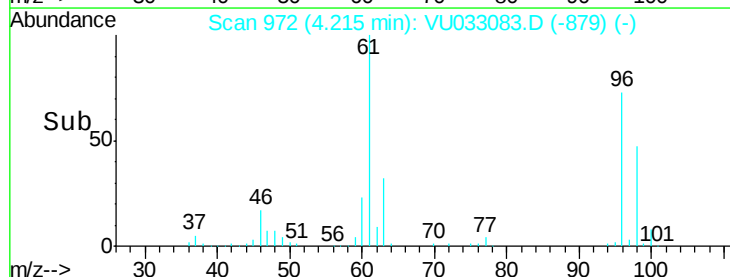
68 0.0 0.0 0.0

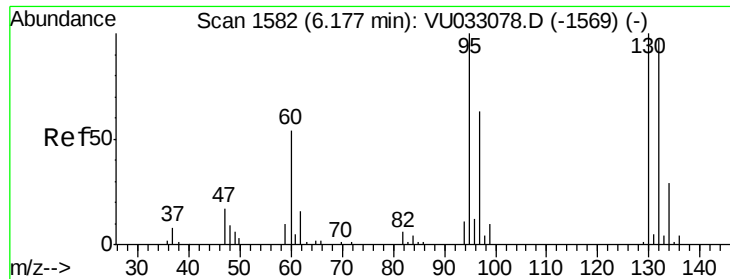


Abundance Ion 96.00 (95.70 to 96.70): VU033083.D (-879) (-)

Ion 61.05 (60.75 to 61.75): VU033083.D (-879) (-)

Ion 68.15 (67.85 to 68.85): VU033083.D (-879) (-)





#34

Trichloroethene

Concen: 3.350 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU033083.D

Acq: 28 Jun 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

GAM63

Tot Ion: 95 Resp: 23910

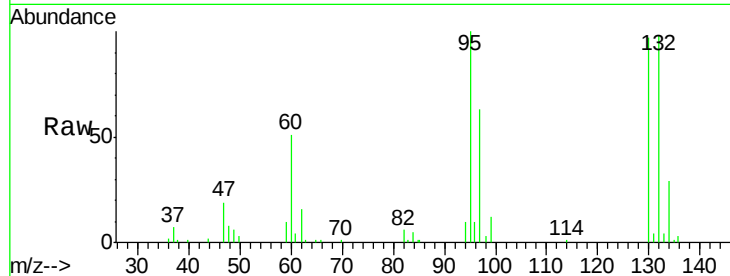
Ion Ratio Lower Upper

95 100

97 63.2 46.0 85.4

132 98.2 68.6 127.4

130 96.8 71.1 132.1

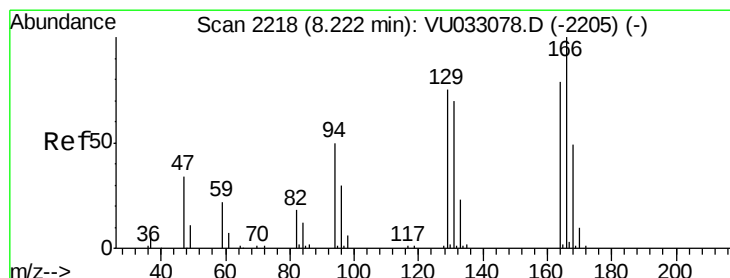
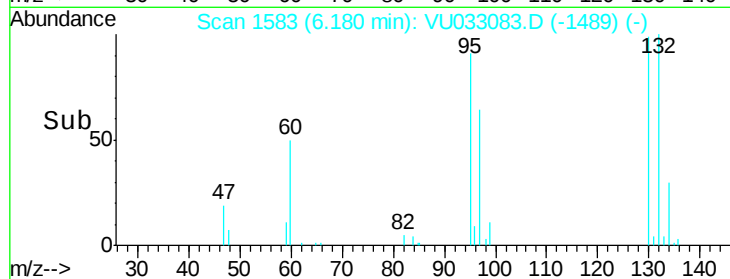
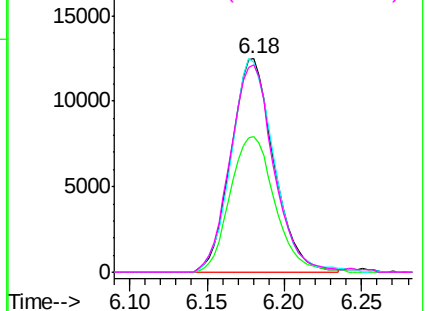


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 61.190 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033083.D

Acq: 28 Jun 2019 20:19

Tgt Ion: 164 Resp: 351332

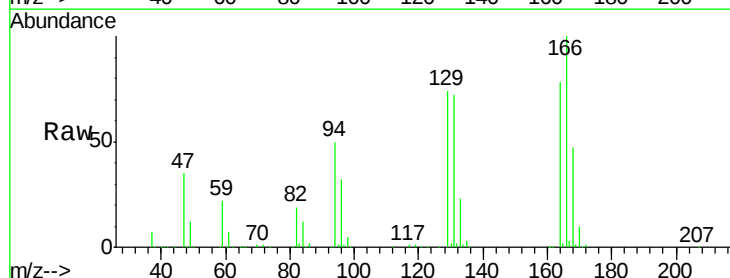
Ion Ratio Lower Upper

164 100

129 94.4 64.9 120.5

131 91.8 63.5 117.9

166 127.6 89.1 165.5



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

