

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
 Data File : VU028275.D
 Acq On : 20 Nov 2018 14:00
 Operator : MD/SY
 Sample : J5995-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FK0

Quant Time: Nov 21 06:50:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 06:33:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129631	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	123748	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52726	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29568	3.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.60%
7) Chloroethane-d5	1.68	69	27442	3.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.20%
11) 1,1-Dichloroethene-d2	2.28	63	42809	2.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.20%#
20) 2-Butanone-d5	4.20	46	121877	37.34	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.68%
24) Chloroform-d	4.65	84	59530	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.40%#
26) 1,2-Dichloroethane-d4	5.31	65	34232	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.00%#
32) Benzene-d6	5.34	84	112937	3.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.40%#
36) 1,2-Dichloropropane-d6	6.33	67	44343	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.60%
41) Toluene-d8	7.57	98	93826	2.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.80%#
43) trans-1,3-Dichloropropene-	7.85	79	12622	3.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.20%
46) 2-Hexanone-d5	8.31	63	83564	33.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32944	3.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	35310	3.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.00%#

Target Compounds

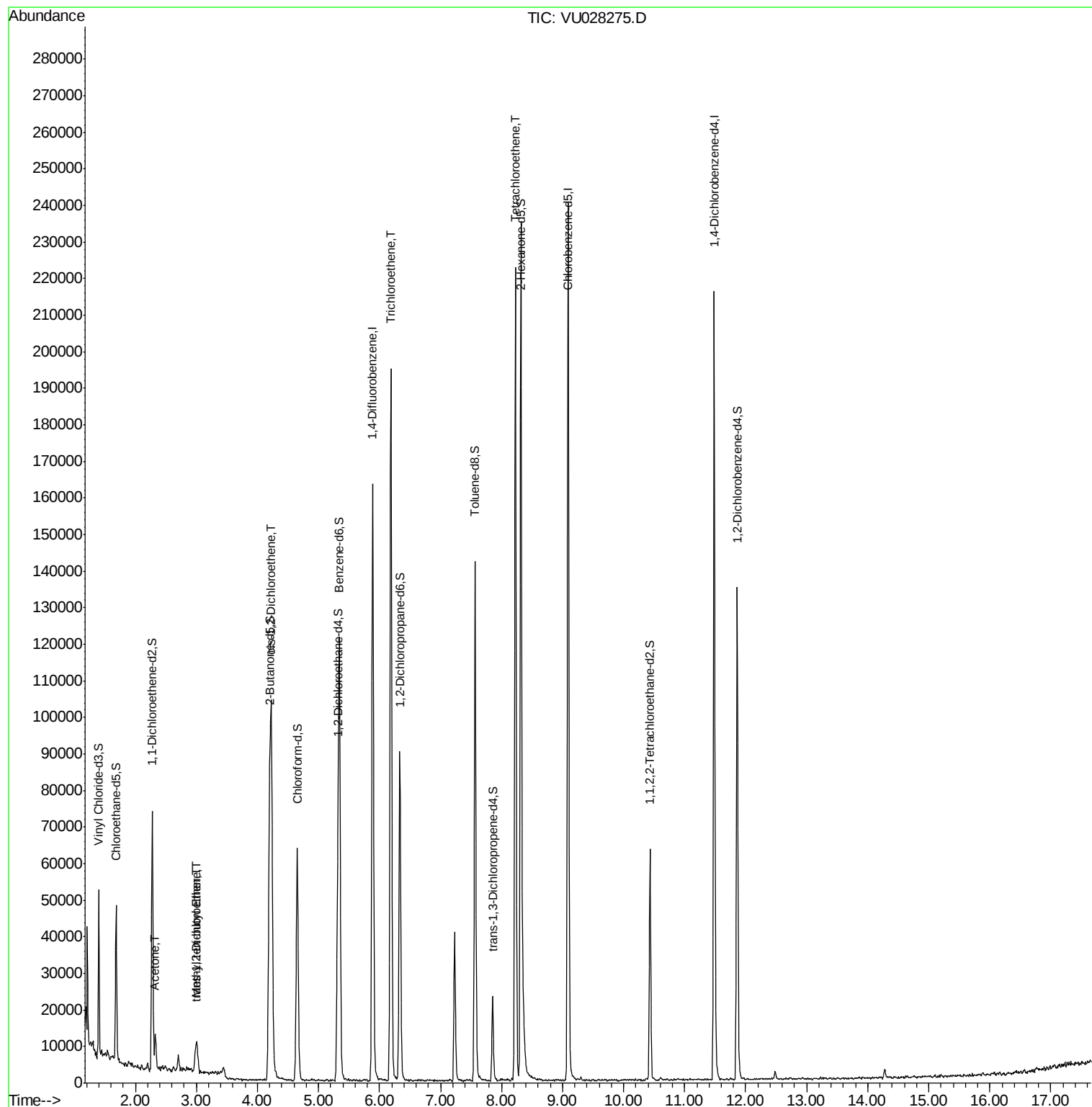
						Qvalue
13) Acetone	2.33	43	10586	4.72	ug/L	100
17) Methyl tert-butyl Ether	3.01	73	7753	0.32	ug/L	# 84
18) trans-1,2-Dichloroethene	2.98	96	1437	0.17	ug/L	90
22) cis-1,2-Dichloroethene	4.23	96	43120	4.29	ug/L	90
34) Trichloroethene	6.19	95	69594	6.96	ug/L	97
47) Tetrachloroethene	8.23	164	46193	6.66	ug/L	99

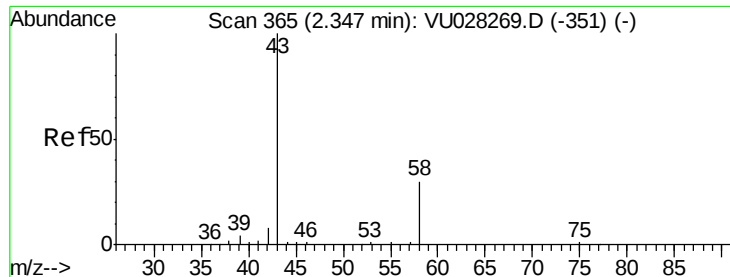
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.72 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.02 min

Lab File: VU028275.D

Acq: 20 Nov 2018 14:00

Instrument :

MSVOA_U

ClientSampleId :

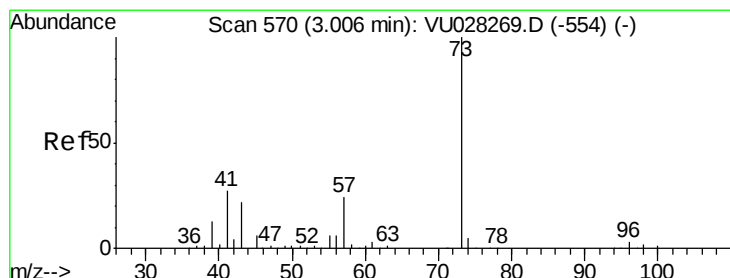
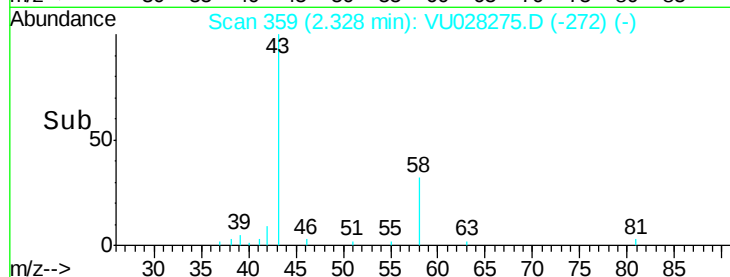
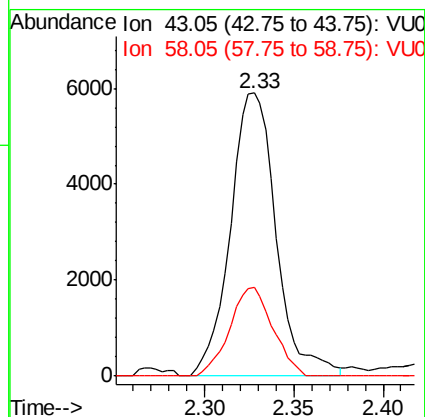
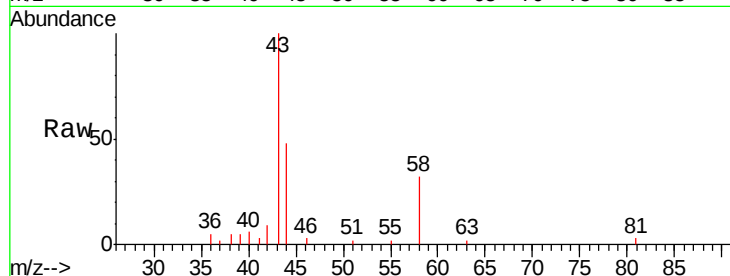
H0FK0

Tgt Ion: 43 Resp: 10586

Ion Ratio Lower Upper

43 100

58 29.5 0.0 58.6



#17

Methyl tert-butyl Ether

Concen: 0.32 ug/L

RT: 3.01 min Scan# 572

Delta R.T. 0.01 min

Lab File: VU028275.D

Acq: 20 Nov 2018 14:00

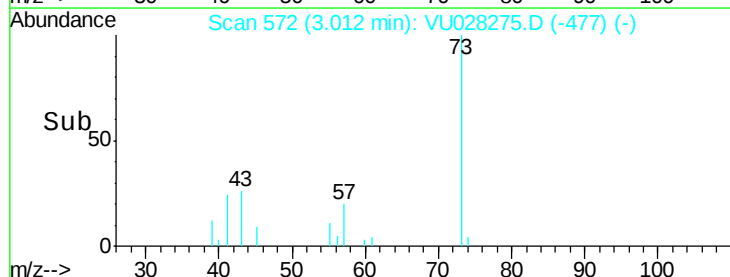
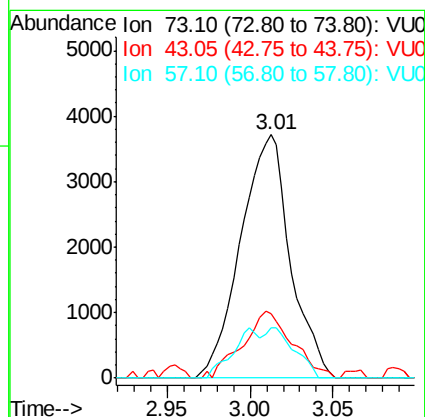
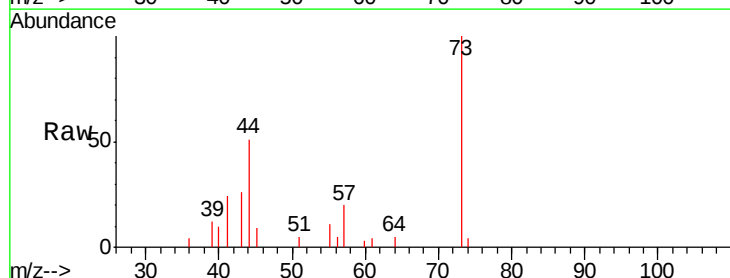
Tgt Ion: 73 Resp: 7753

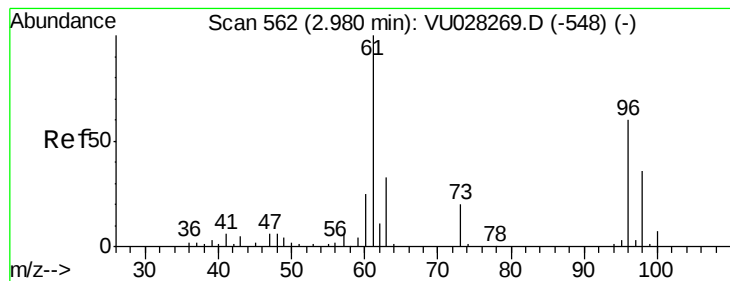
Ion Ratio Lower Upper

73 100

43 27.5 18.8 28.2

57 12.4 19.2 28.8#





#18

trans-1,2-Dichloroethene

Concen: 0.17 ug/L

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028275.D

Acq: 20 Nov 2018 14:00

Instrument :

MSVOA_U

ClientSampleId :

H0FK0

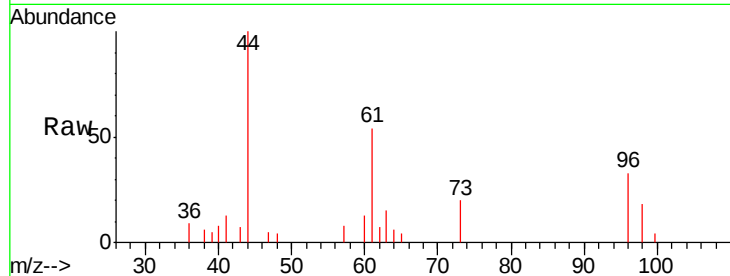
Tgt Ion: 96 Resp: 1437

Ion Ratio Lower Upper

96 100

61 161.3 122.2 227.0

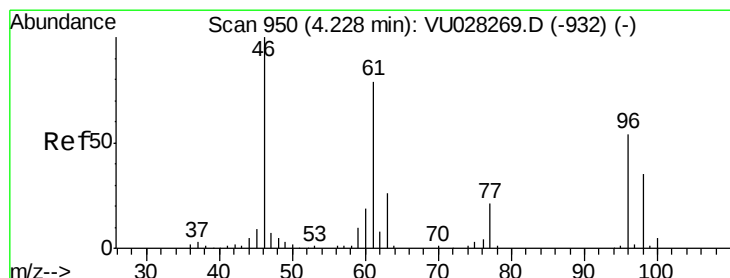
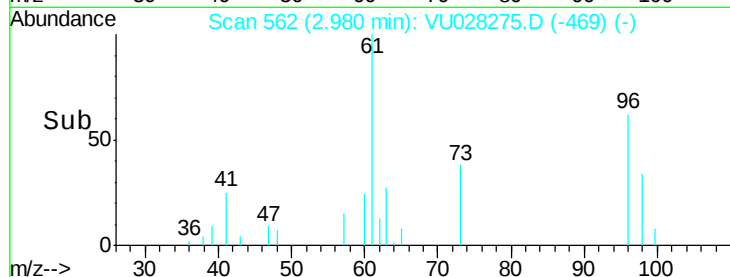
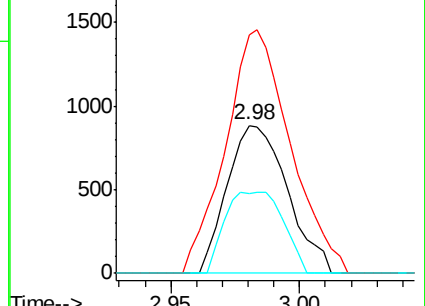
98 54.4 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 4.29 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU028275.D

Acq: 20 Nov 2018 14:00

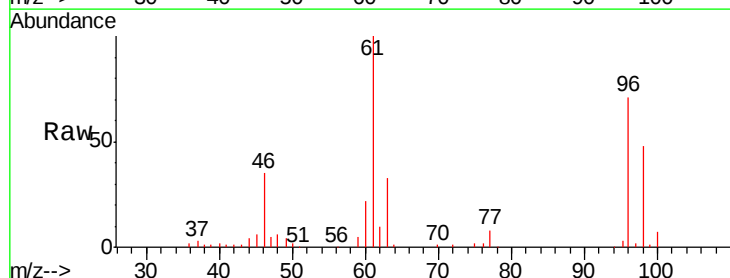
Tgt Ion: 96 Resp: 43120

Ion Ratio Lower Upper

96 100

61 141.4 108.0 200.6

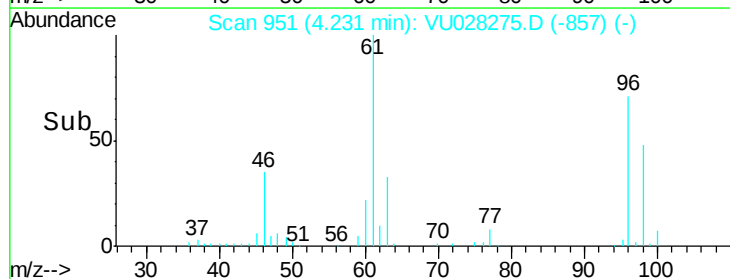
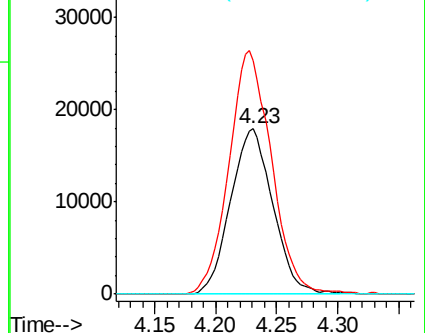
68 0.0 0.0 0.0

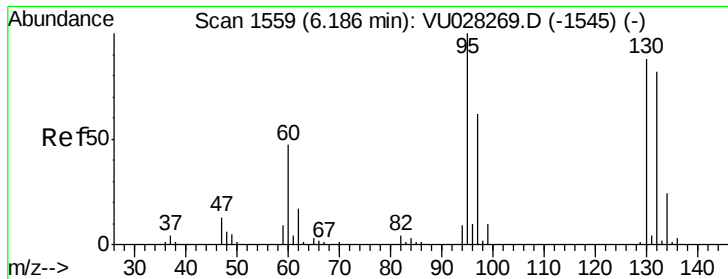


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 6.96 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028275.D

Acq: 20 Nov 2018 14:00

Instrument :
MSVOA_U
ClientSampleId :
H0FK0

Tgt Ion: 95 Resp: 69594

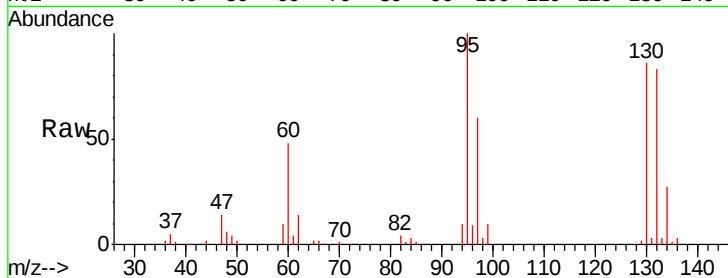
Ion Ratio Lower Upper

95 100

97 60.5 46.5 86.3

132 82.6 58.9 109.3

130 85.8 61.3 113.9

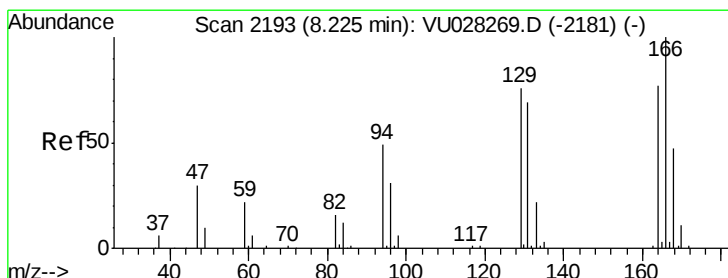
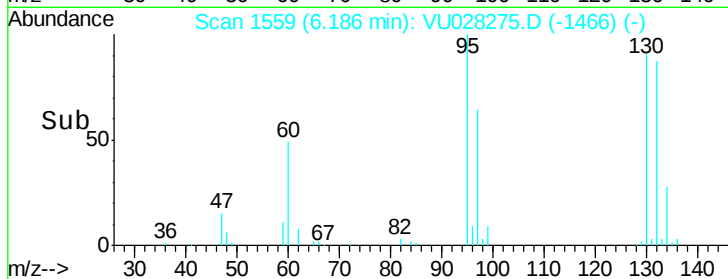
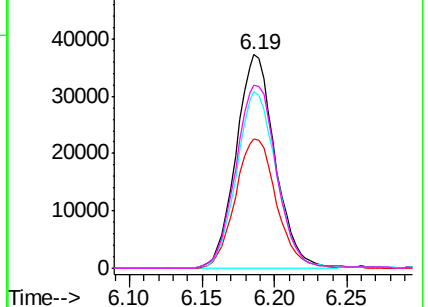


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 6.66 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU028275.D

Acq: 20 Nov 2018 14:00

Tgt Ion: 164 Resp: 46193

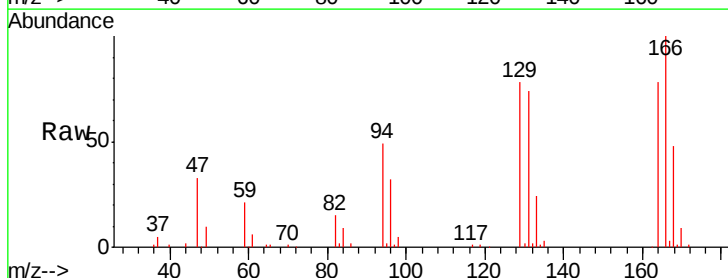
Ion Ratio Lower Upper

164 100

129 99.9 67.6 125.6

131 94.8 66.3 123.1

166 128.7 89.2 165.6



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

