

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
 Data File : VU028277.D
 Acq On : 20 Nov 2018 14:47
 Operator : MD/SY
 Sample : J5995-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FK0

Quant Time: Nov 21 07:05:51 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	135520	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	130601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	57046	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36909	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.68	69	34968	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.28	63	53394	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	4.20	46	166432	48.77	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.54%
24) Chloroform-d	4.65	84	78602	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.31	65	45325	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	5.34	84	149593	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.33	67	59450	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.57	98	120047	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.85	79	16154	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.31	63	114151	43.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46509	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	47480	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

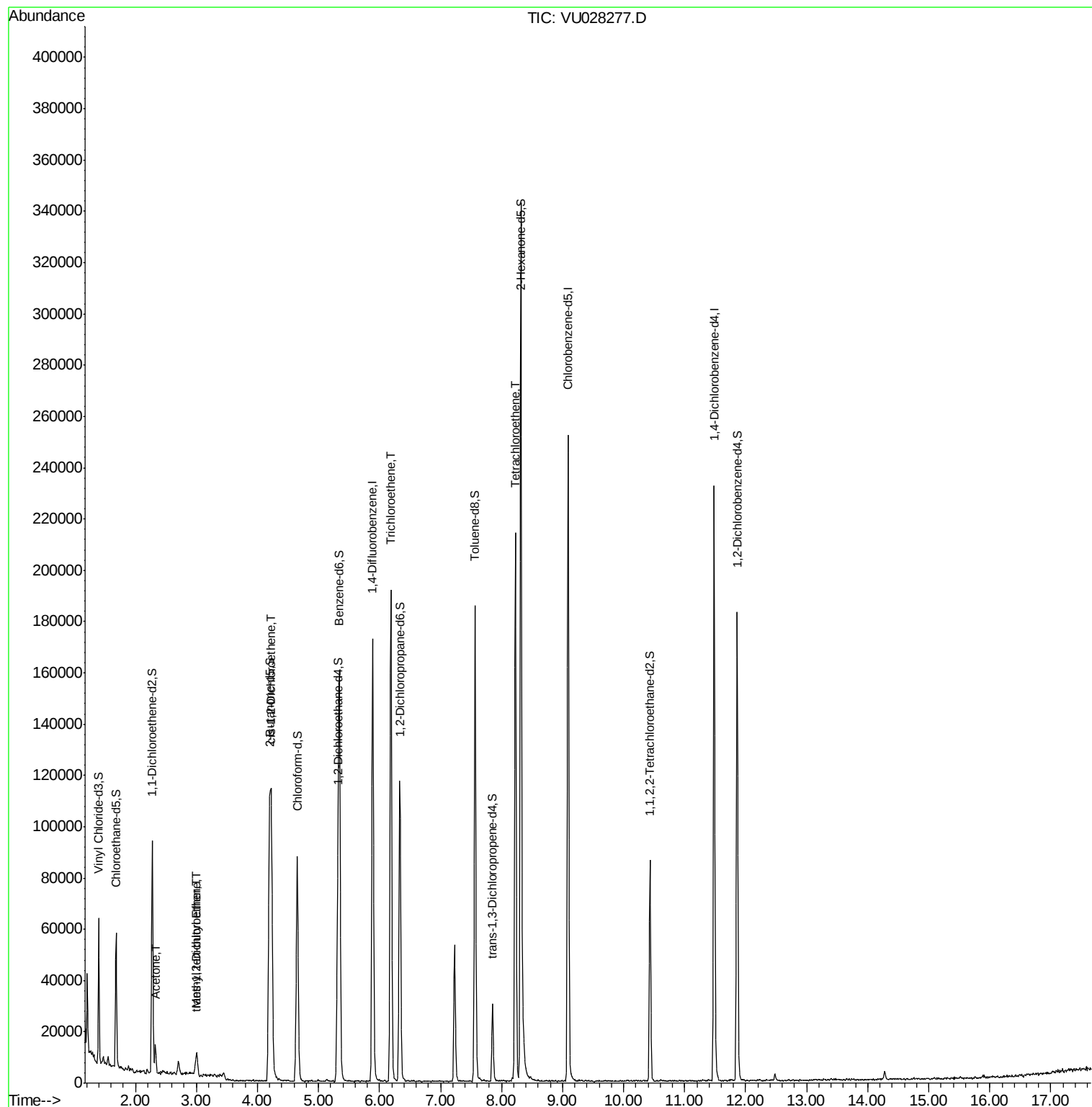
						Qvalue
13) Acetone	2.33	43	11045	4.71	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	7513	0.30	ug/L #	93
18) trans-1,2-Dichloroethene	2.98	96	1368	0.15	ug/L #	58
22) cis-1,2-Dichloroethene	4.23	96	43284	4.12	ug/L	92
34) Trichloroethene	6.19	95	67861	6.43	ug/L	96
47) Tetrachloroethene	8.22	164	45606	6.23	ug/L	97

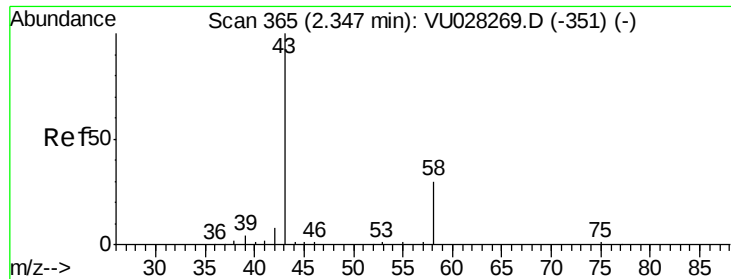
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.71 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.02 min

Lab File: VU028277.D

Acq: 20 Nov 2018 14:47

Instrument :

MSVOA_U

ClientSampleId :

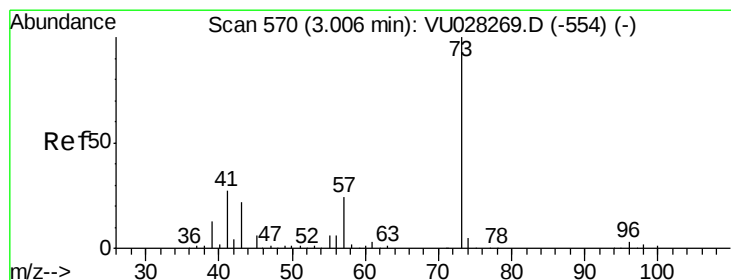
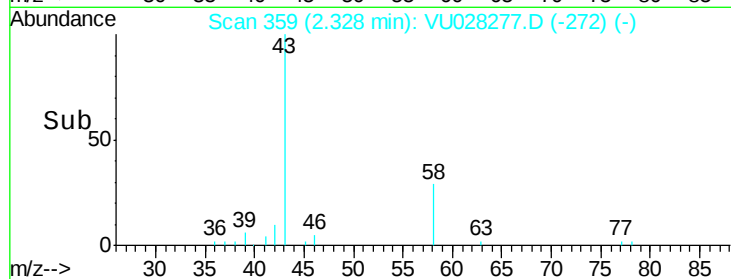
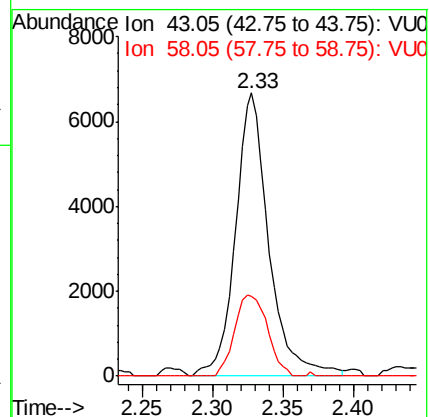
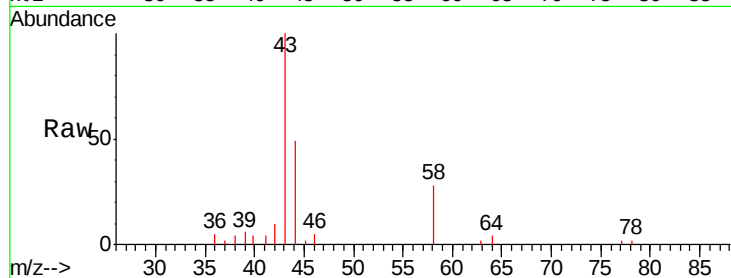
H0FK0

Tgt Ion: 43 Resp: 11045

Ion Ratio Lower Upper

43 100

58 28.3 0.0 58.6



#17

Methyl tert-butyl Ether

Concen: 0.30 ug/L

RT: 3.01 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU028277.D

Acq: 20 Nov 2018 14:47

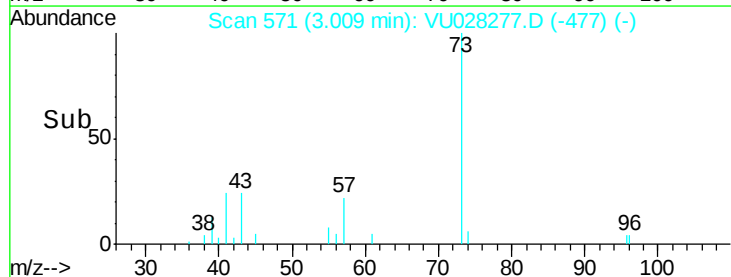
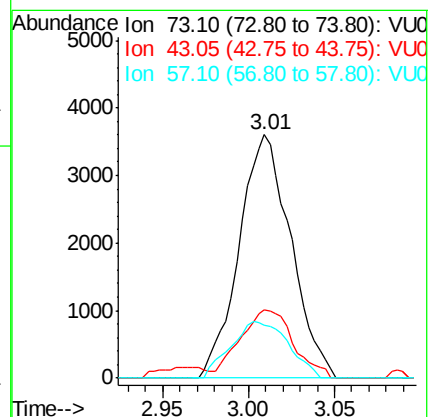
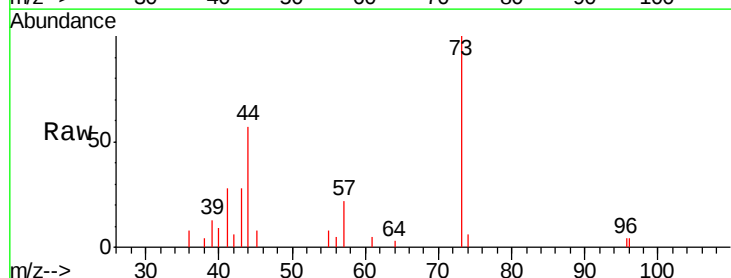
Tgt Ion: 73 Resp: 7513

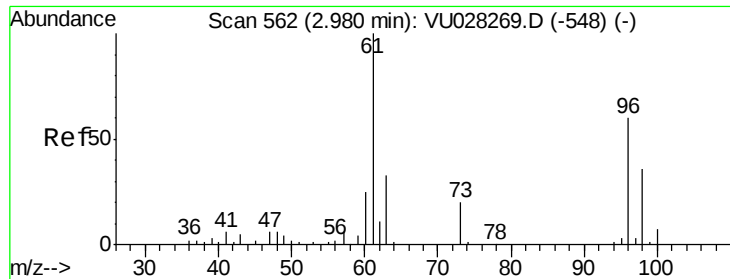
Ion Ratio Lower Upper

73 100

43 28.9 18.8 28.2#

57 25.8 19.2 28.8





#18

trans-1,2-Dichloroethene

Concen: 0.15 ug/L

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028277.D

Acq: 20 Nov 2018 14:47

Instrument :

MSVOA_U

ClientSampleId :

H0FK0

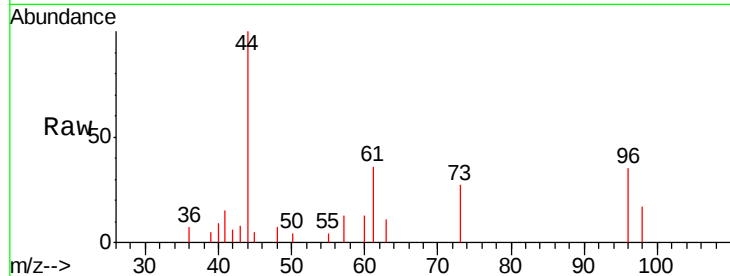
Tgt Ion: 96 Resp: 1368

Ion Ratio Lower Upper

96 100

61 103.7 122.2 227.0#

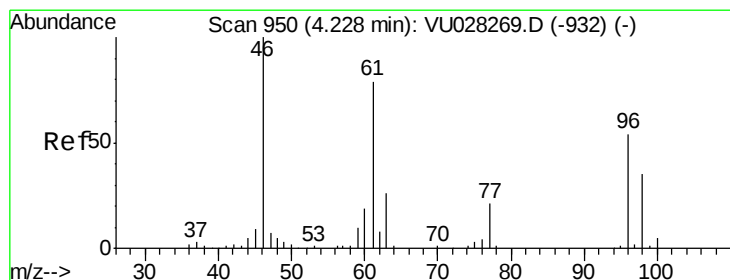
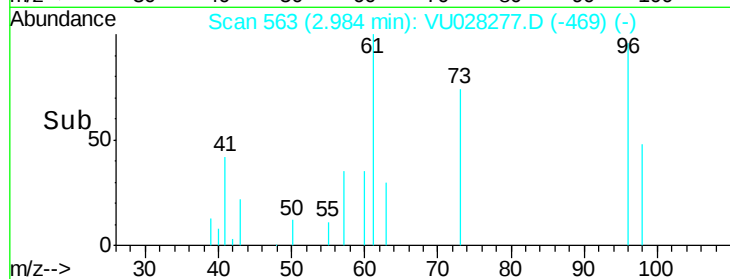
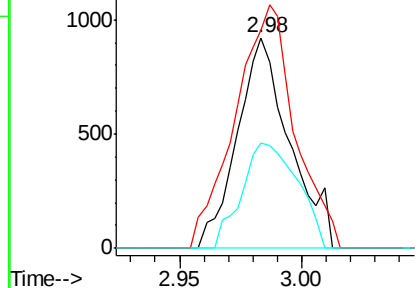
98 50.2 44.9 83.5



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: 4.12 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU028277.D

Acq: 20 Nov 2018 14:47

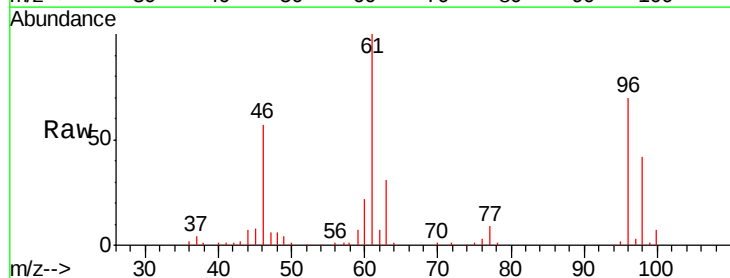
Tgt Ion: 96 Resp: 43284

Ion Ratio Lower Upper

96 100

61 143.4 108.0 200.6

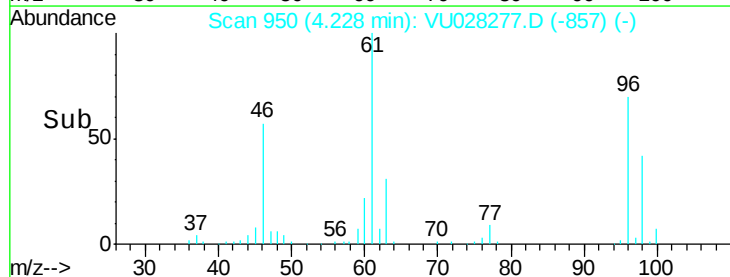
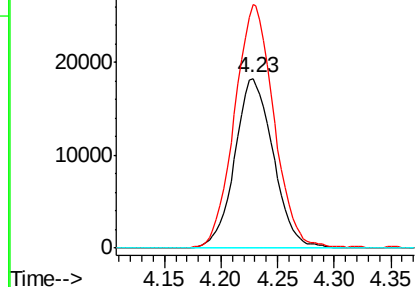
68 0.0 0.0 0.0

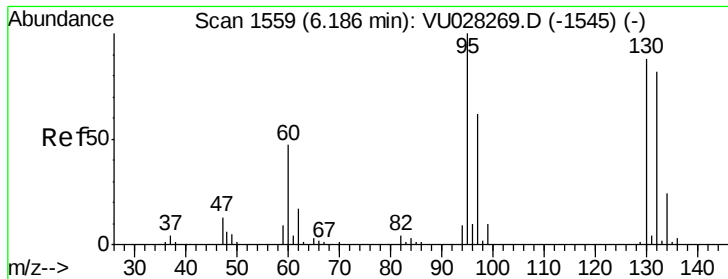


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 6.43 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028277.D

Acq: 20 Nov 2018 14:47

Instrument :

MSVOA_U

ClientSampled :

H0FK0

Tgt Ion: 95 Resp: 67861

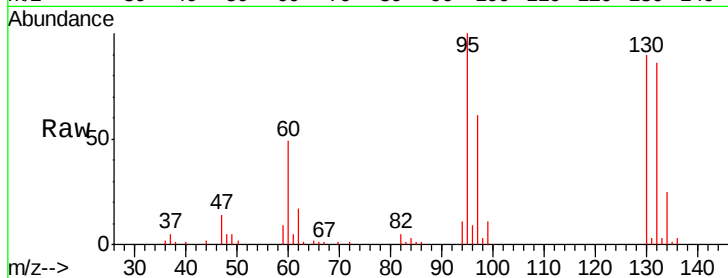
Ion Ratio Lower Upper

95 100

97 60.5 46.5 86.3

132 85.8 58.9 109.3

130 90.2 61.3 113.9

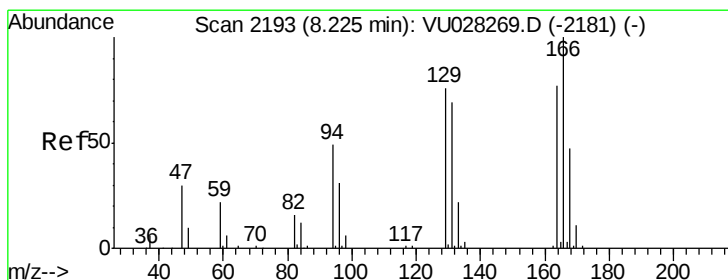
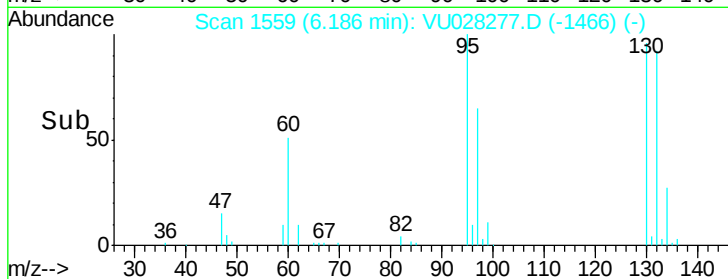
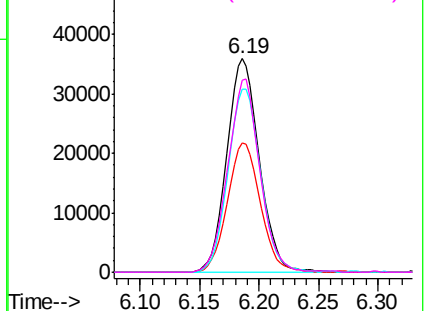


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 6.23 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028277.D

Acq: 20 Nov 2018 14:47

Tgt Ion: 164 Resp: 45606

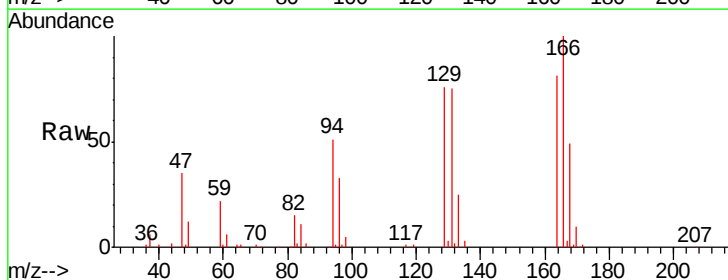
Ion Ratio Lower Upper

164 100

129 93.7 67.6 125.6

131 92.0 66.3 123.1

166 123.0 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

