

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028140.D
 Acq On : 14 Nov 2018 23:44
 Operator : MD/SY
 Sample : J5943-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FG5

Quant Time: Nov 15 07:11:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 06:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	130302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124692	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55574	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47295	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.68	69	40029	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.28	63	70629	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.19	46	175794	56.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.12%
24) Chloroform-d	4.65	84	85271	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	49345	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.34	84	175826	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.33	67	64337	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.57	98	155798	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.85	79	20428	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.31	63	137702	52.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46438	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	52574	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

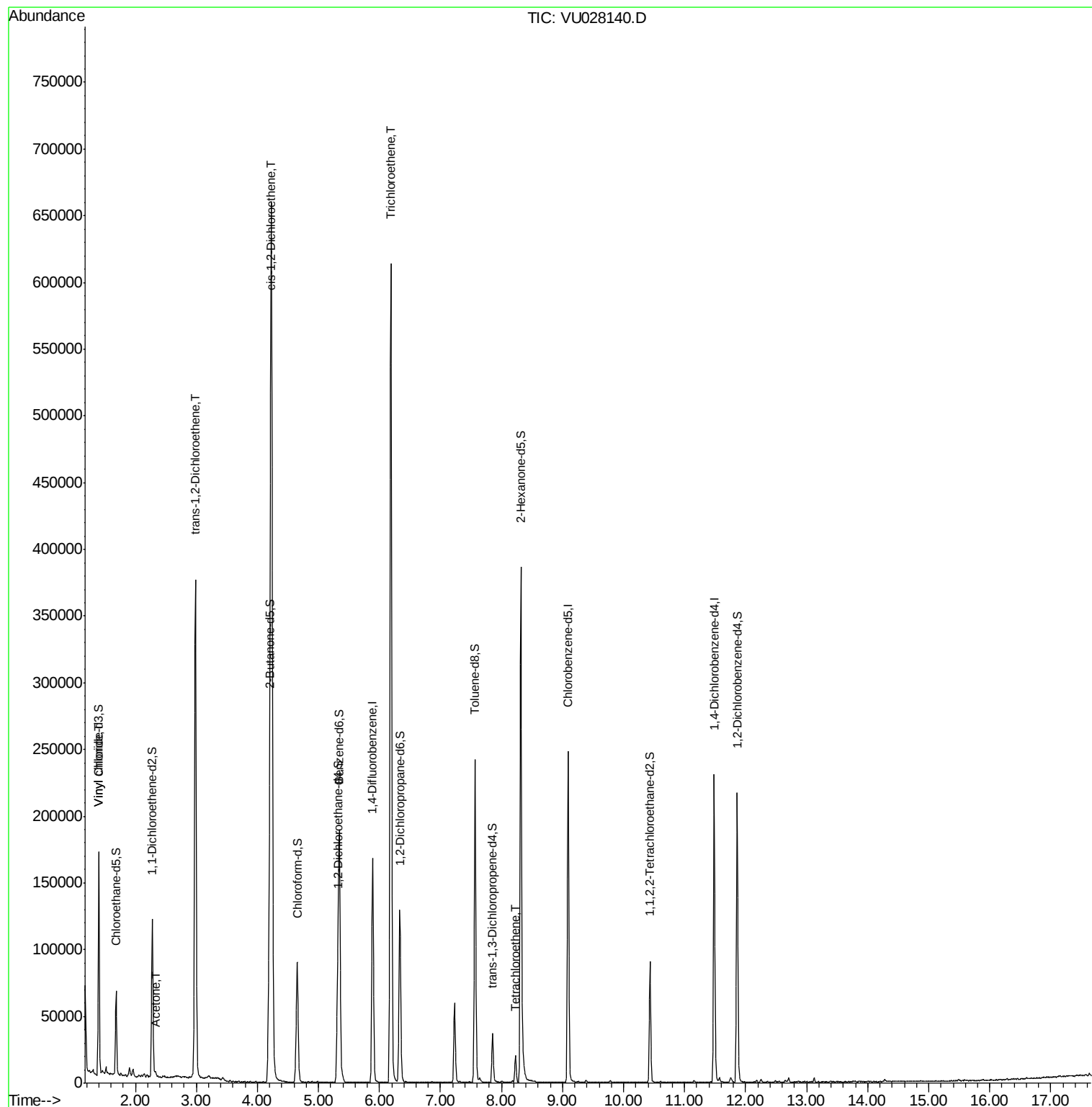
					Ovalue
5) Vinyl chloride	1.40	62	56212	4.028	ug/L 100
13) Acetone	2.33	43	3435	1.626	ug/L 93
18) trans-1,2-Dichloroethene	2.98	96	129209	14.027	ug/L 99
22) cis-1,2-Dichloroethene	4.23	96	331150	32.607	ug/L 94
34) Trichloroethene	6.19	95	217155	20.916	ug/L 98
47) Tetrachloroethene	8.23	164	4203	0.498	ug/L 95

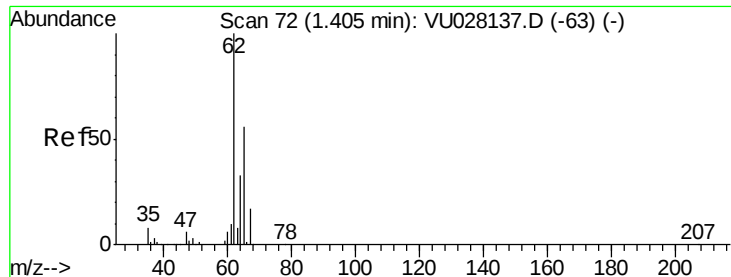
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.028 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU028140.D

Acq: 14 Nov 2018 23:44

Instrument :

MSVOA_U

ClientSampleId :

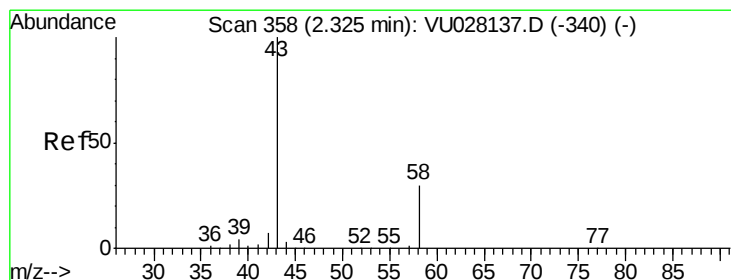
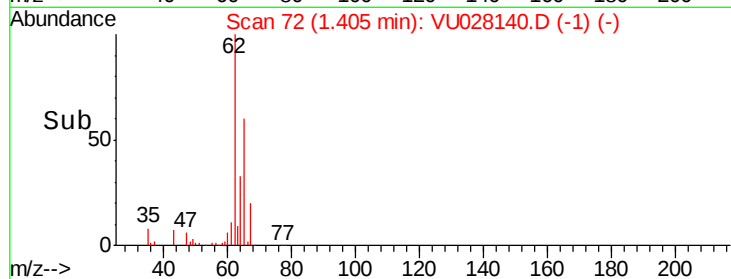
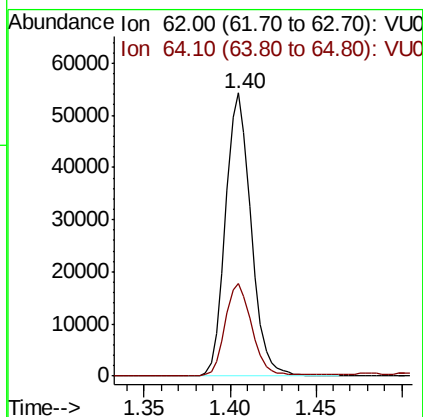
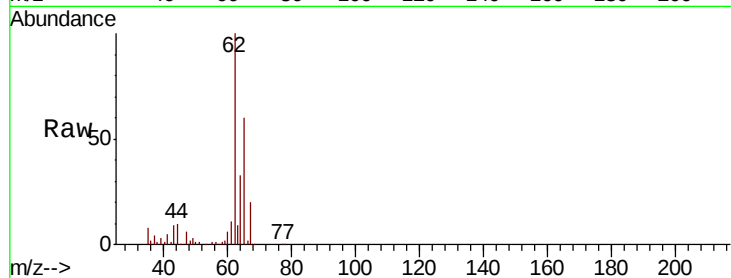
H0FG5

Tot Ion: 62 Resp: 56212

Ion Ratio Lower Upper

62 100

64 32.7 22.7 42.3



#13

Acetone

Concen: 1.626 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU028140.D

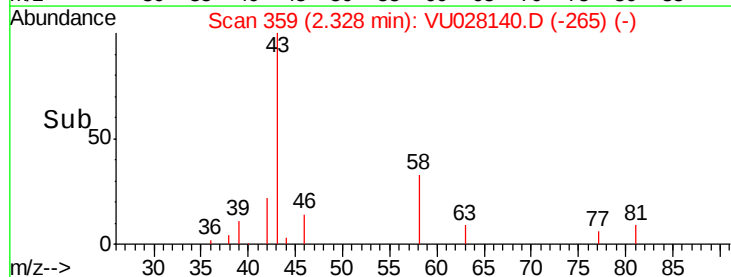
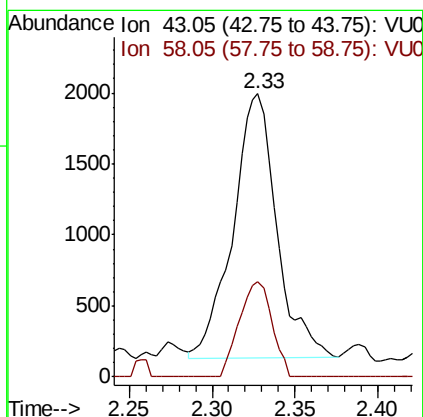
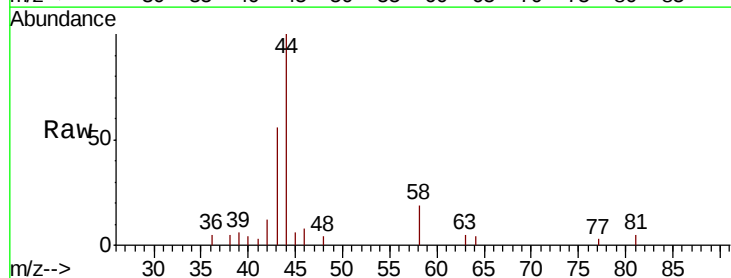
Acq: 14 Nov 2018 23:44

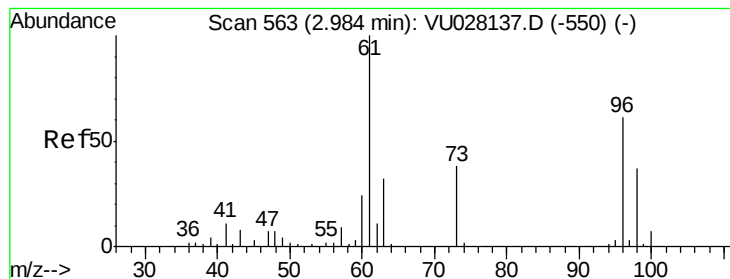
Tgt Ion: 43 Resp: 3435

Ion Ratio Lower Upper

43 100

58 26.7 0.0 61.6





#18

trans-1,2-Dichloroethene

Concen: 14.027 ug/L

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU028140.D

Acq: 14 Nov 2018 23:44

Instrument :

MSVOA_U

ClientSampleId :

H0FG5

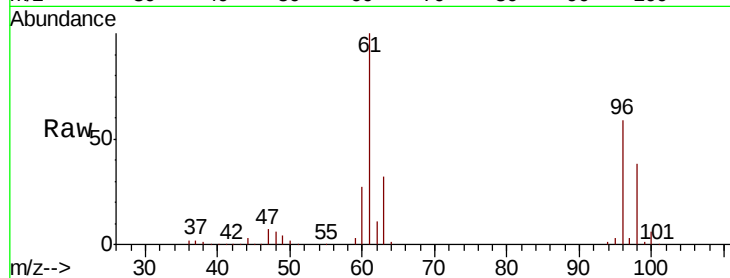
Tot Ion: 96 Resp: 129209

Ion Ratio Lower Upper

96 100

61 168.6 118.5 220.1

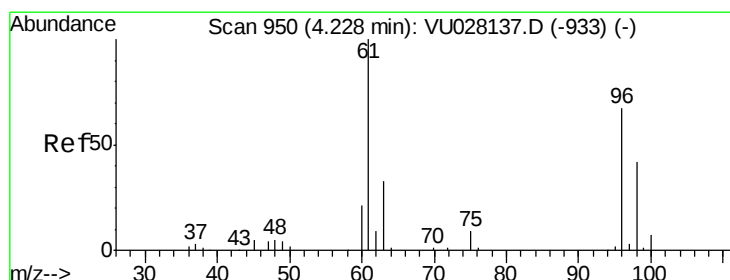
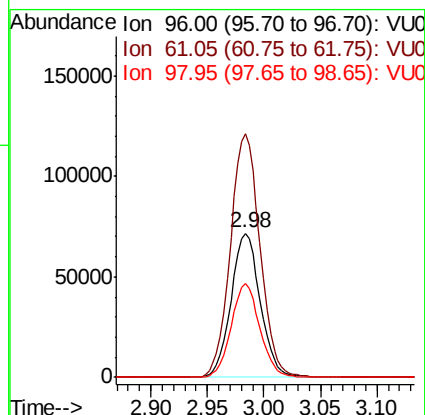
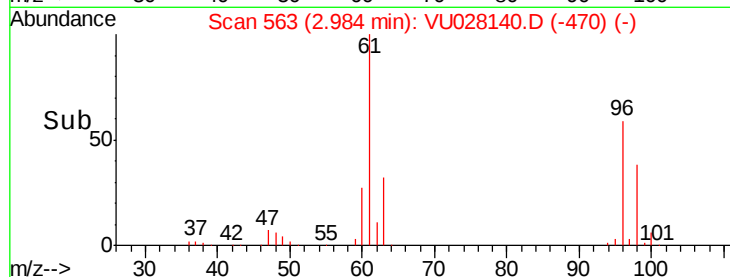
98 64.7 44.9 83.5



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: 32.607 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU028140.D

Acq: 14 Nov 2018 23:44

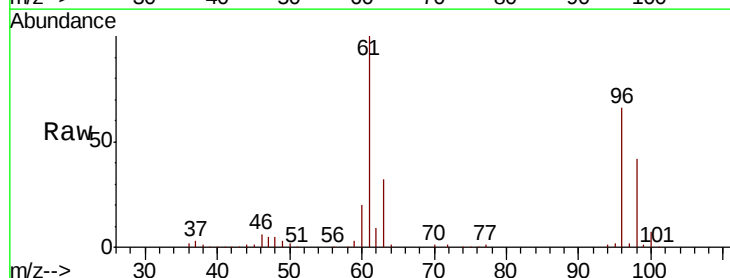
Tgt Ion: 96 Resp: 331150

Ion Ratio Lower Upper

96 100

61 152.6 101.8 189.0

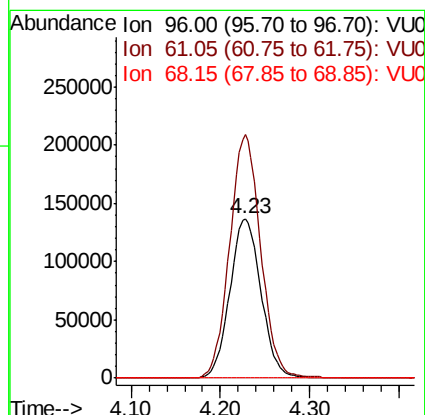
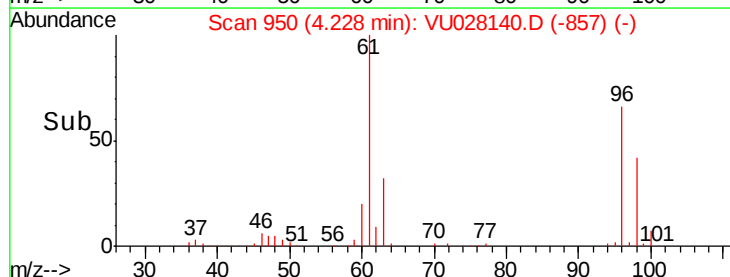
68 0.0 0.0 0.0

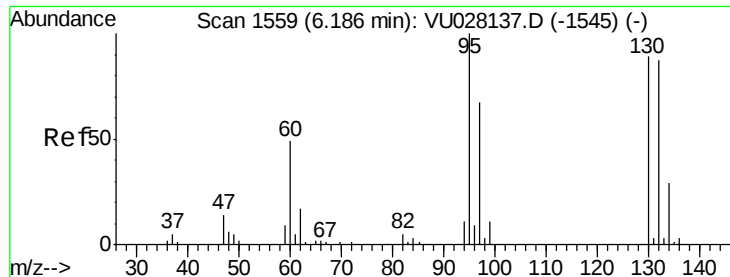


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 20.916 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028140.D

Acq: 14 Nov 2018 23:44

Instrument :

MSVOA_U

ClientSampleId :

H0FG5

Tot Ion: 95 Resp: 217155

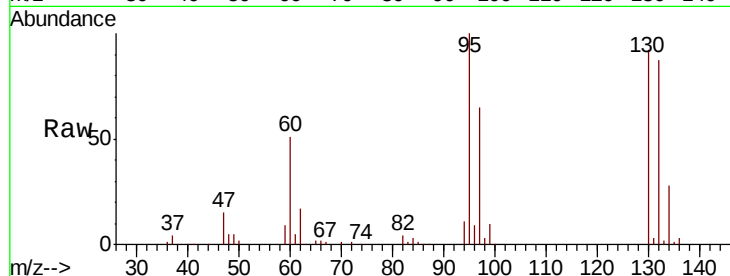
Ion Ratio Lower Upper

95 100

97 64.5 45.3 84.1

132 87.5 63.0 117.0

130 92.3 63.6 118.2

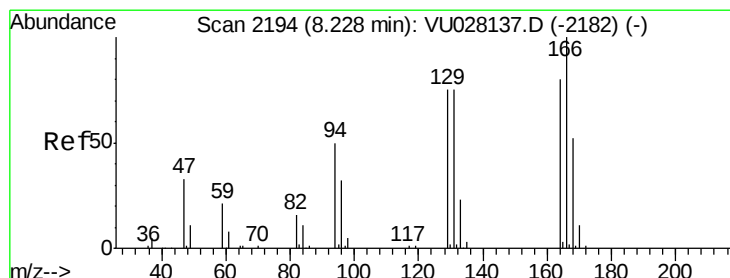
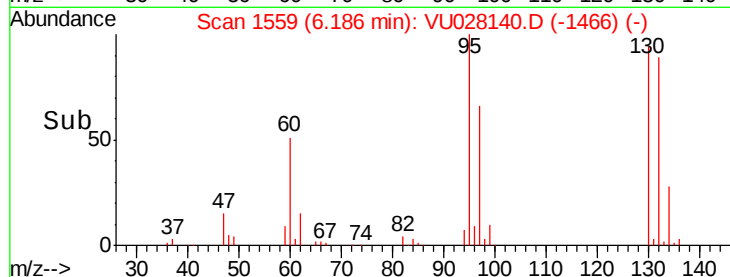
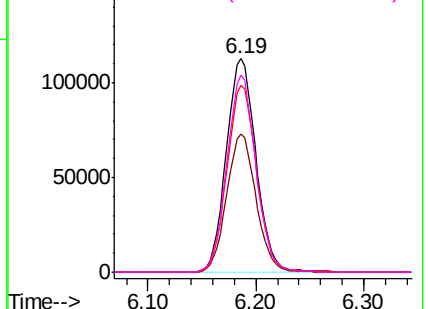


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.498 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028140.D

Acq: 14 Nov 2018 23:44

Tgt Ion:164 Resp: 4203

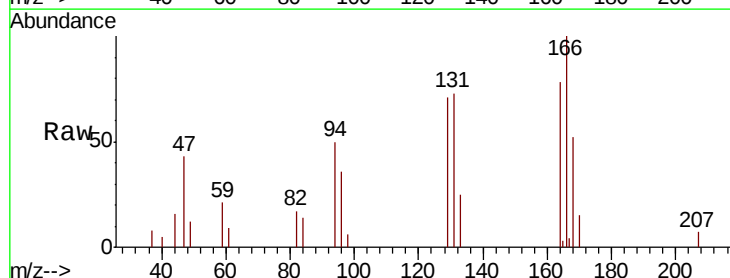
Ion Ratio Lower Upper

164 100

129 91.5 69.7 129.4

131 94.3 64.0 118.8

166 128.5 86.4 160.4



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

