

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028148.D
 Acq On : 15 Nov 2018 02:54
 Operator : MD/SY
 Sample : J5943-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH9

Quant Time: Nov 15 07:53:01 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	133521	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127697	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	59049	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48389	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.68	69	40388	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.27	63	71508	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.22	46	167387	52.09	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.18%
24) Chloroform-d	4.65	84	85086	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.31	65	49063	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.34	84	175967	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	63872	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.57	98	154773	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	19013	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.32	63	133063	49.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45091	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	54442	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

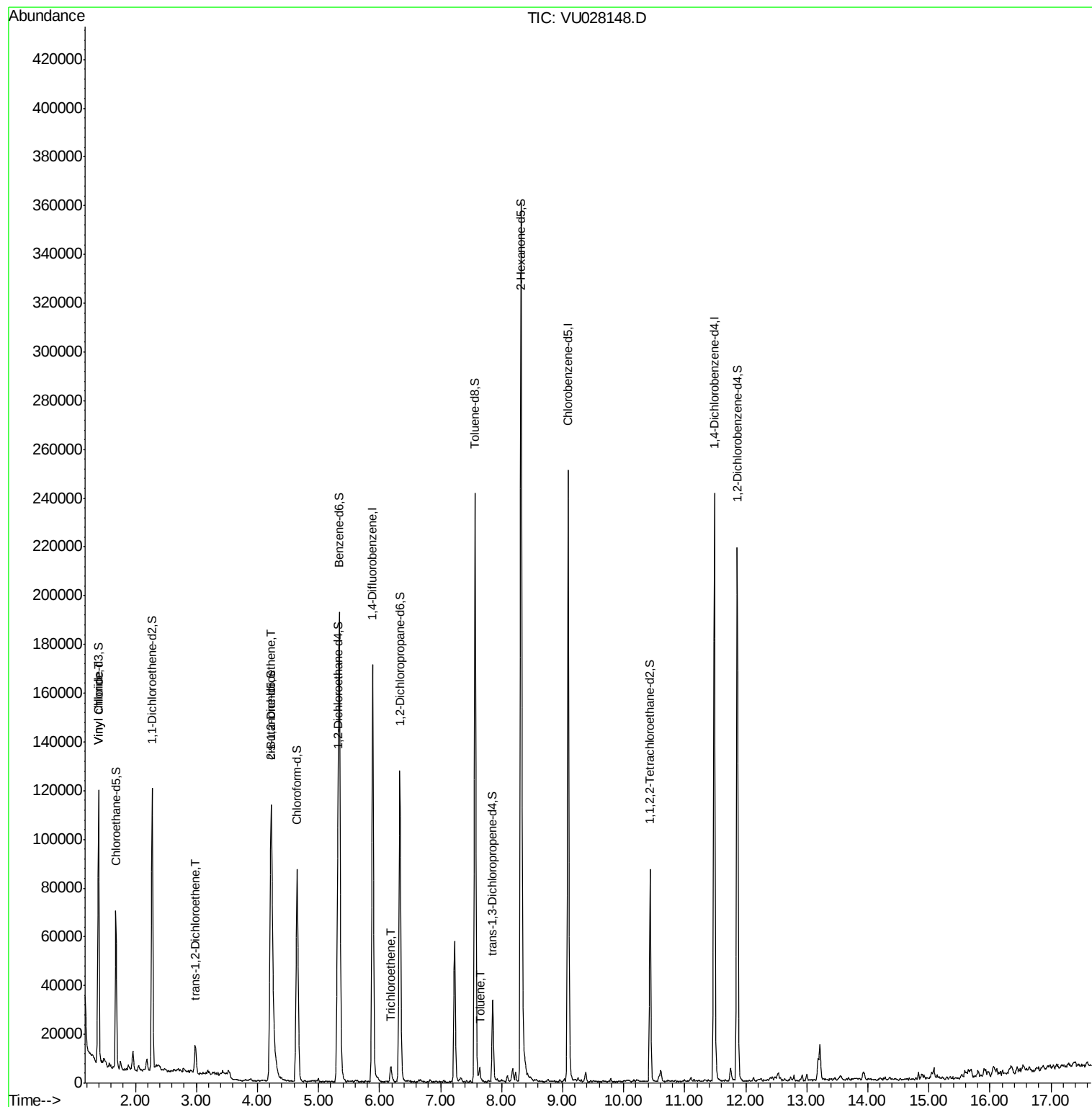
					Ovalue
5) Vinyl chloride	1.40	62	18981	1.327 ug/L	95
18) trans-1,2-Dichloroethene	2.98	96	3546	0.376 ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	26347	2.532 ug/L	98
34) Trichloroethene	6.19	95	2639	0.248 ug/L	85
42) Toluene	7.64	91	4432	0.100 ug/L	97

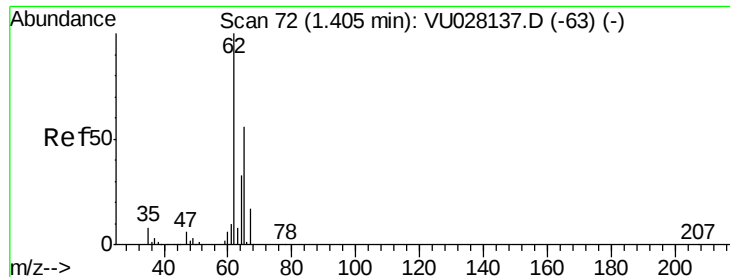
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.327 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

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ClientSampleId :

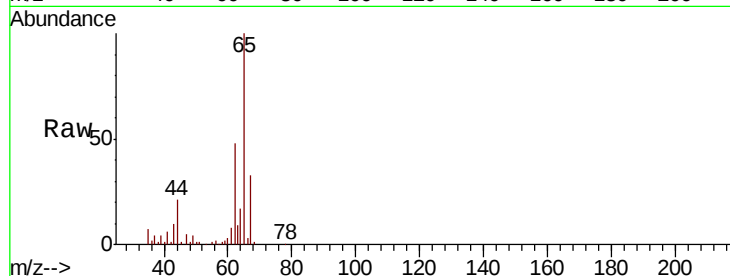
H0FH9

Tot Ion: 62 Resp: 18981

Ion Ratio Lower Upper

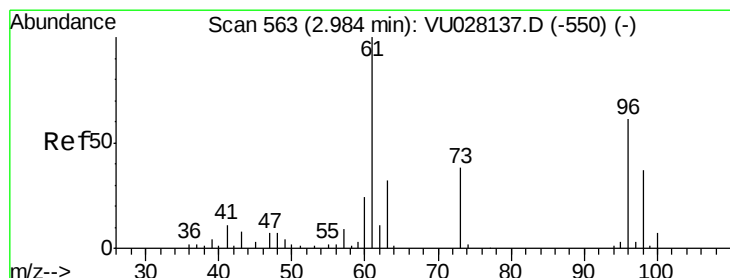
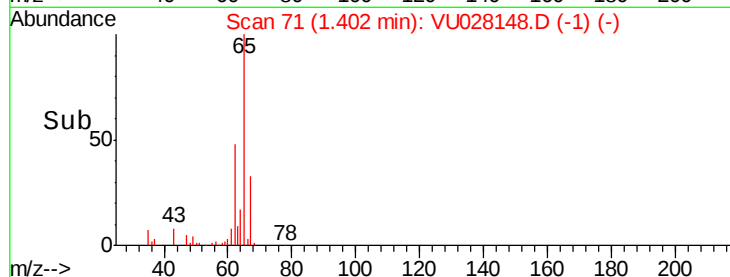
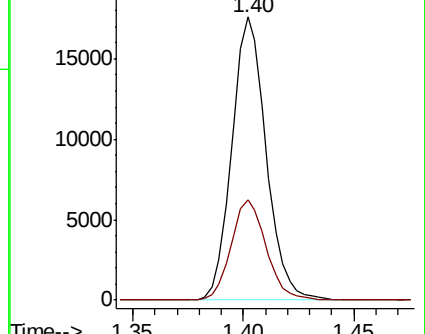
62 100

64 35.3 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.376 ug/L

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028148.D

Acq: 15 Nov 2018 02:54

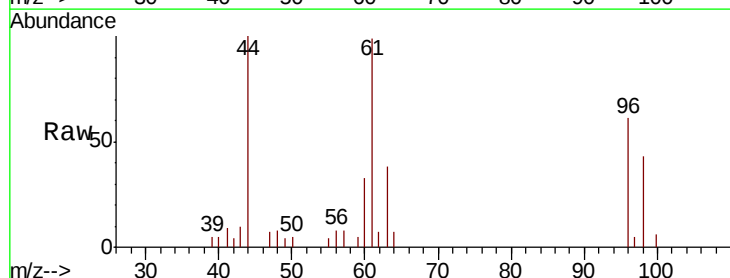
Tgt Ion: 96 Resp: 3546

Ion Ratio Lower Upper

96 100

61 162.4 118.5 220.1

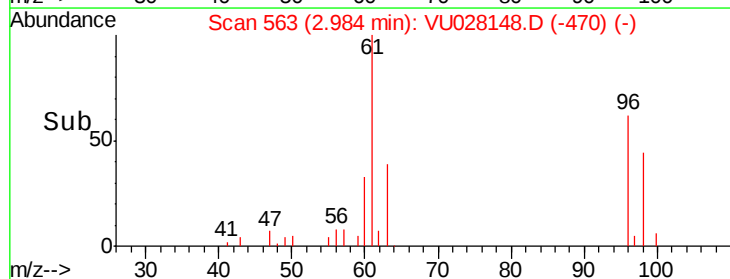
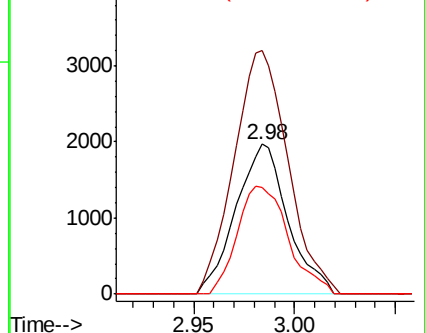
98 71.1 44.9 83.5

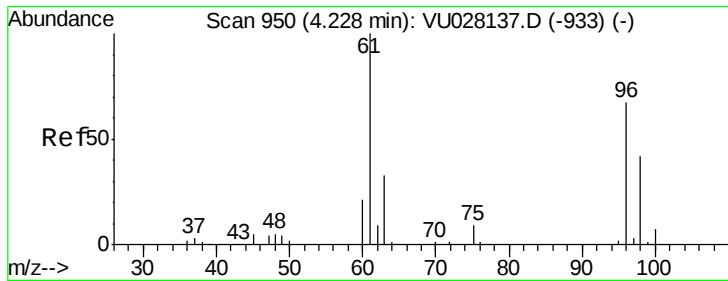


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 2.532 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

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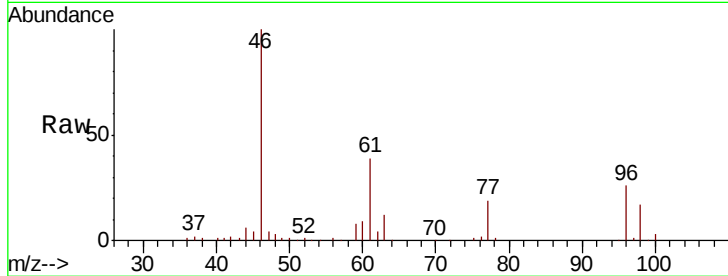
Tot Ion: 96 Resp: 26347

Ion Ratio Lower Upper

96 100

61 148.2 101.8 189.0

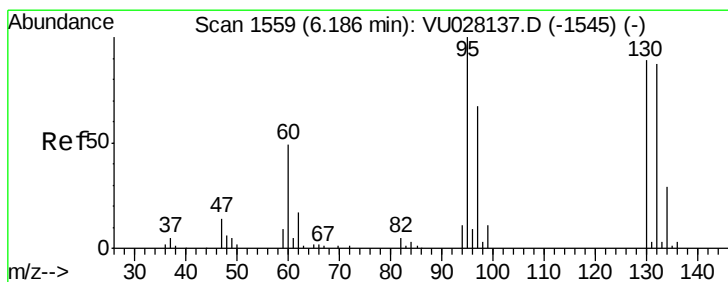
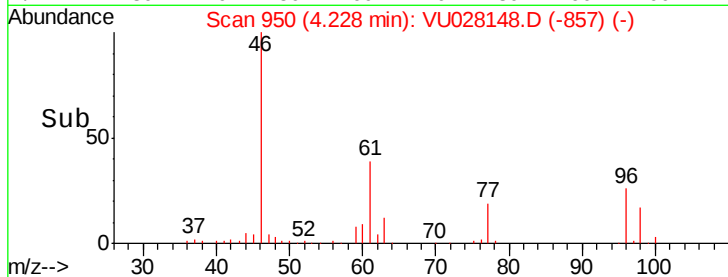
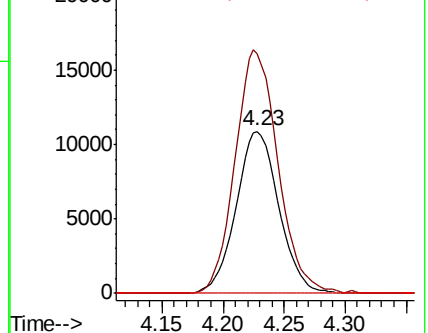
68 0.0 0.0 0.0



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: 0.248 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028148.D

Acq: 15 Nov 2018 02:54

Tgt Ion: 95 Resp: 2639

Ion Ratio Lower Upper

95 100

97 47.4 45.3 84.1

132 69.2 63.0 117.0

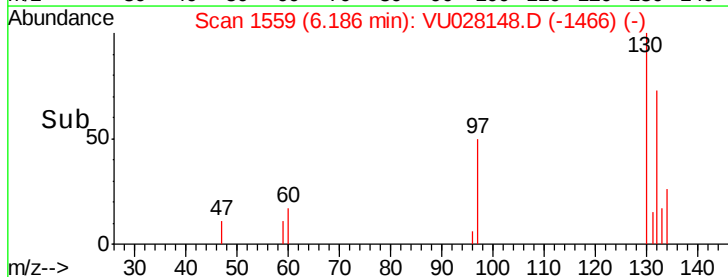
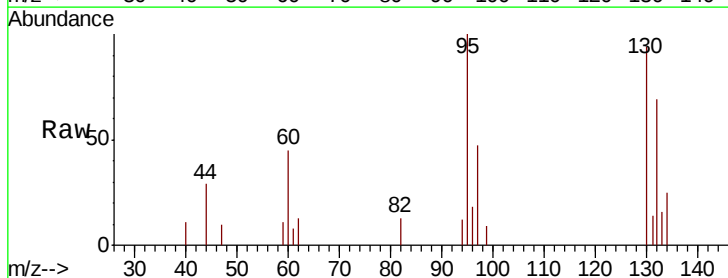
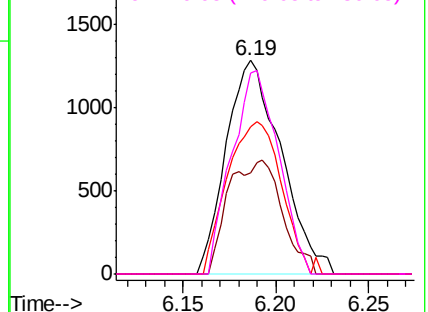
130 94.3 63.6 118.2

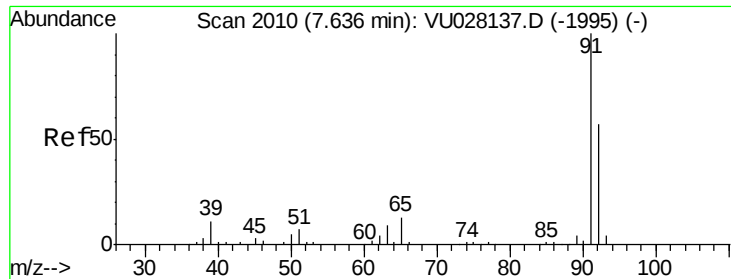
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 0.100 ug/L

RT: 7.64 min Scan# 2012

Delta R.T. 0.01 min

Lab File: VU028148.D

Acq: 15 Nov 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

H0FH9

Tot Ion: 91 Resp: 4432

Ion Ratio Lower Upper

91 100

92 55.8 40.7 75.7

