

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028157.D
 Acq On : 15 Nov 2018 06:27
 Operator : MD/SY
 Sample : J5943-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP5

Quant Time: Nov 15 08:26:44 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	135088	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127158	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59445	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33896	3.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.40%
7) Chloroethane-d5	1.68	69	37048	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.28	63	64336	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.20	46	146727	45.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.26%
24) Chloroform-d	4.65	84	79227	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	46953	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.34	84	164722	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.33	67	60412	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.57	98	144681	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.85	79	17503	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.31	63	125404	47.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	44530	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	51797	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

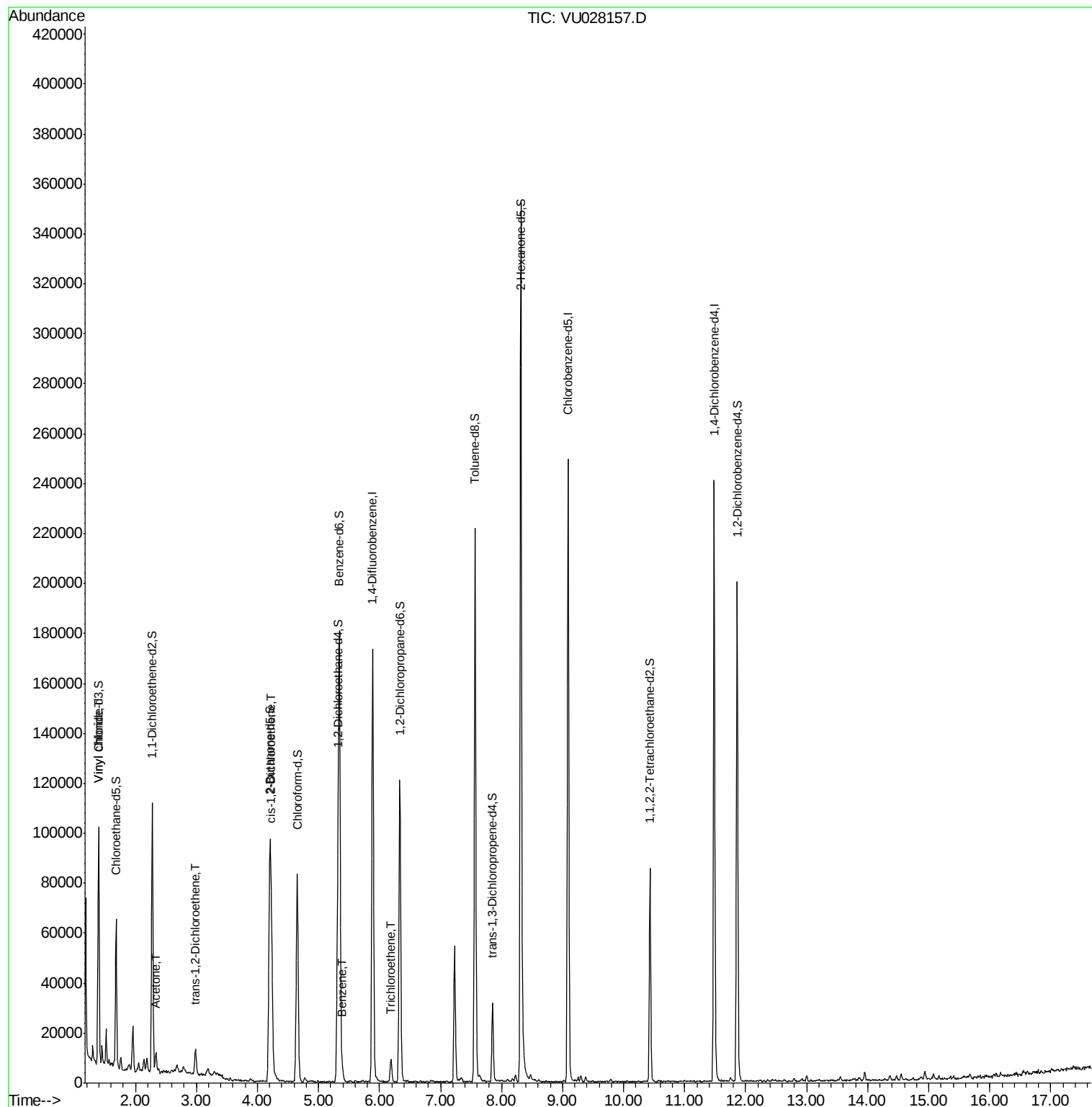
					Ovalue
5) Vinyl chloride	1.40	62	8549	0.591	ug/L 88
13) Acetone	2.33	43	7410	3.384	ug/L 97
18) trans-1,2-Dichloroethene	2.98	96	3104	0.325	ug/L 99
22) cis-1,2-Dichloroethene	4.23	96	23162	2.200	ug/L 94
33) Benzene	5.39	78	4292	0.100	ug/L 100
34) Trichloroethene	6.19	95	3207	0.303	ug/L 89

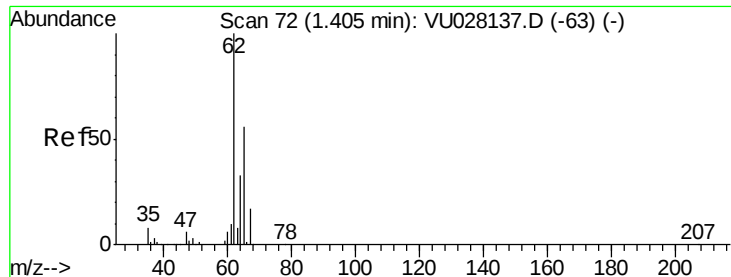
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.591 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

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Acq: 15 Nov 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

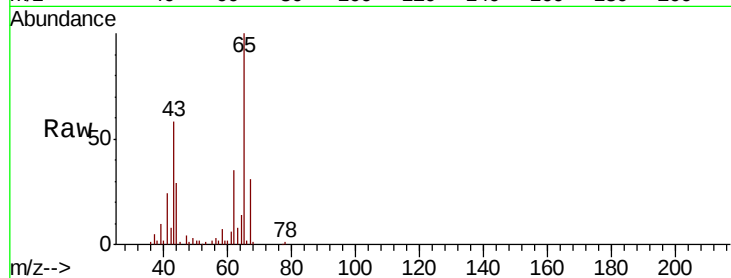
H0FP5

Tot Ion: 62 Resp: 8549

Ion Ratio Lower Upper

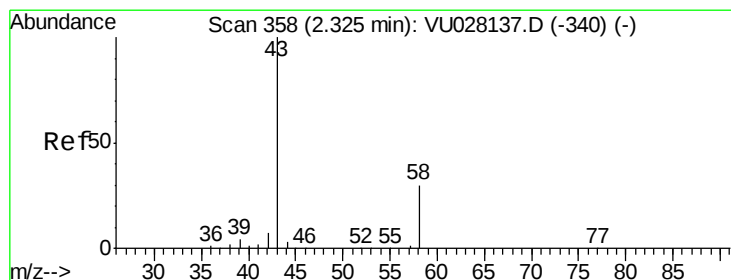
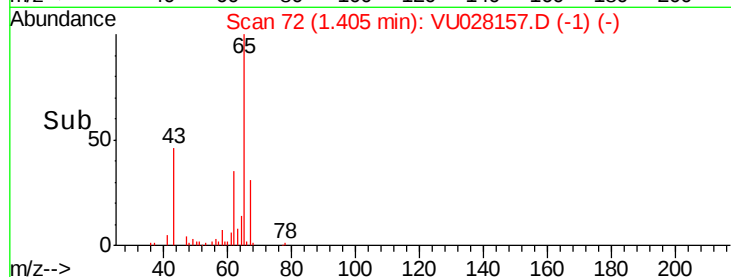
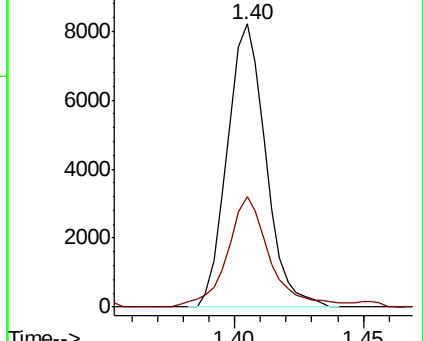
62 100

64 39.0 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 3.384 ug/L

RT: 2.33 min Scan# 361

Delta R.T. 0.01 min

Lab File: VU028157.D

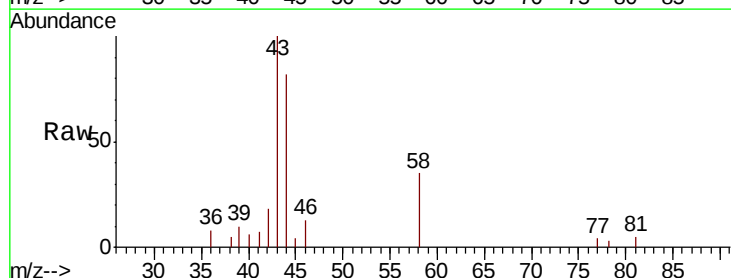
Acq: 15 Nov 2018 06:27

Tgt Ion: 43 Resp: 7410

Ion Ratio Lower Upper

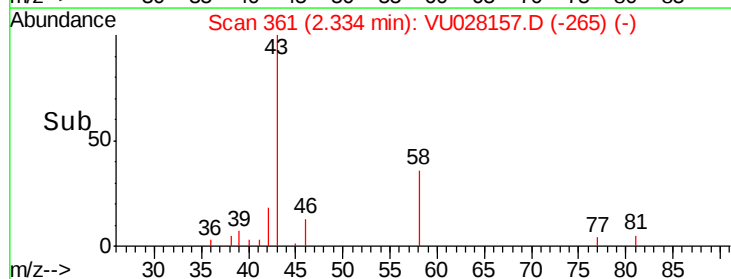
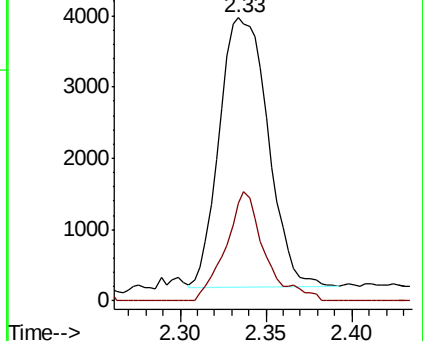
43 100

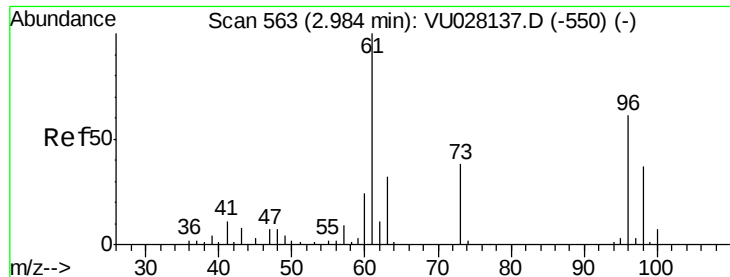
58 32.5 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

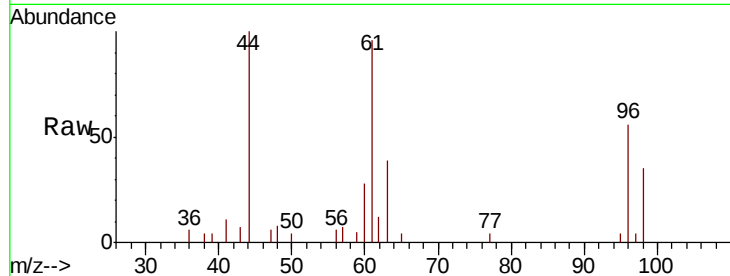




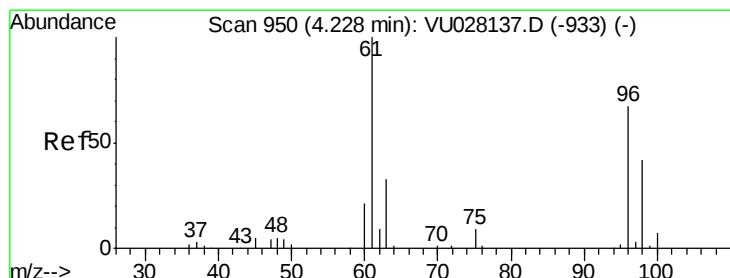
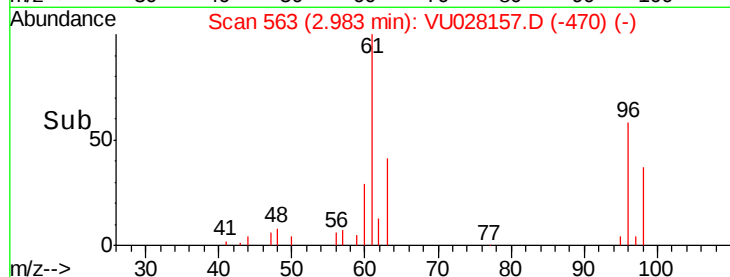
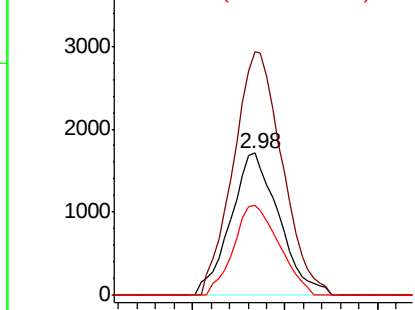
#18
trans-1,2-Dichloroethene
Concen: 0.325 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028157.D
Acq: 15 Nov 2018 06:27

Instrument :
MSVOA_U
ClientSampleId :
H0FP5

Tot Ion: 96 Resp: 3104
Ion Ratio Lower Upper
96 100
61 171.4 118.5 220.1
98 63.5 44.9 83.5

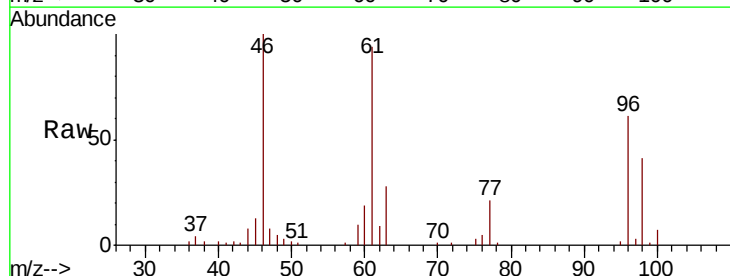


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

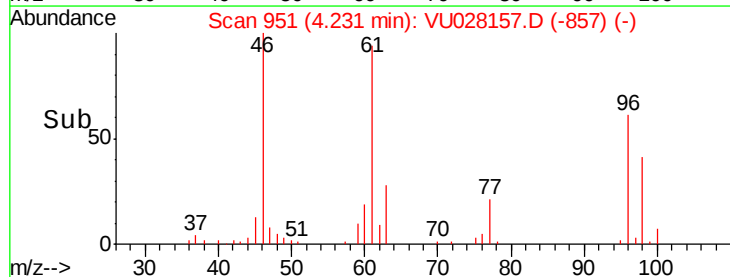
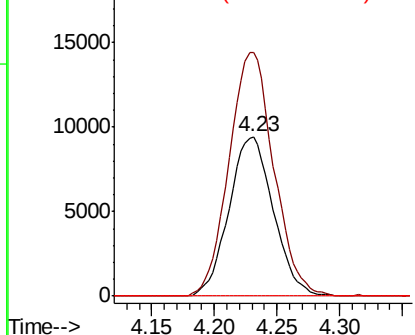


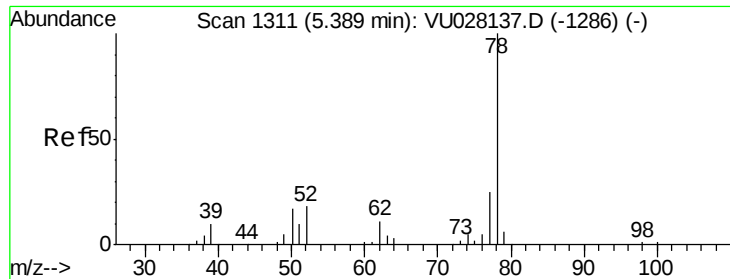
#22
cis-1,2-Dichloroethene
Concen: 2.200 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU028157.D
Acq: 15 Nov 2018 06:27

Tgt Ion: 96 Resp: 23162
Ion Ratio Lower Upper
96 100
61 152.9 101.8 189.0
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





#33

Benzene

Concen: 0.100 ug/L

RT: 5.39 min Scan# 1313

Delta R.T. 0.01 min

Lab File: VU028157.D

Acq: 15 Nov 2018 06:27

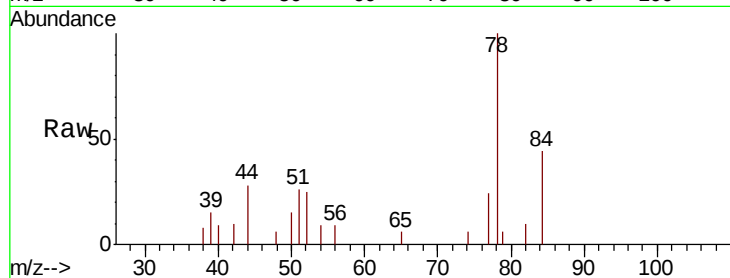
Instrument :

MSVOA_U

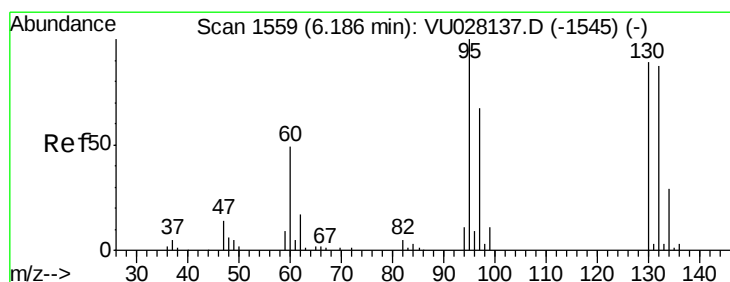
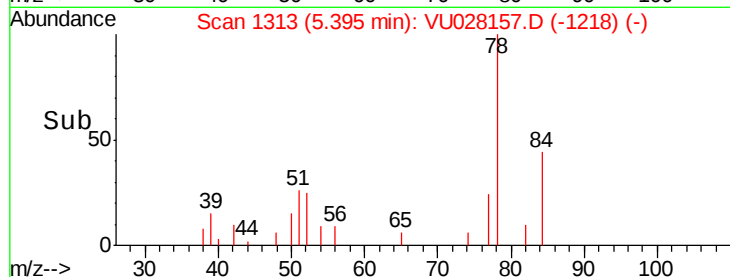
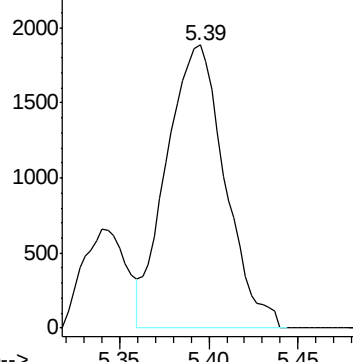
ClientSampled :

H0FP5

Tgt Ion: 78 Resp: 4292



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.303 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028157.D

Acq: 15 Nov 2018 06:27

Tgt Ion: 95 Resp: 3207

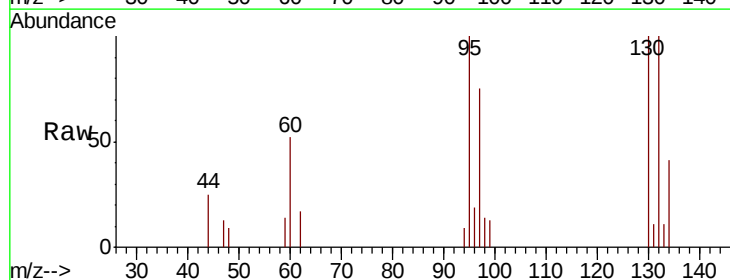
Ion Ratio Lower Upper

95 100

97 75.4 45.3 84.1

132 100.2 63.0 117.0

130 99.8 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

