

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
 Data File : VU028237.D
 Acq On : 17 Nov 2018 20:17
 Operator : MD/SY
 Sample : J5986-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ2

Quant Time: Nov 19 03:47:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 19 03:08:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154001	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	149723	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66429	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50717	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.68	69	45389	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.28	63	77511	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.21	46	195730	50.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.94%
24) Chloroform-d	4.65	84	93360	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.31	65	55311	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.34	84	195626	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.33	67	69881	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.57	98	168953	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.85	79	20454	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.31	63	144511	48.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	50834	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	57637	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

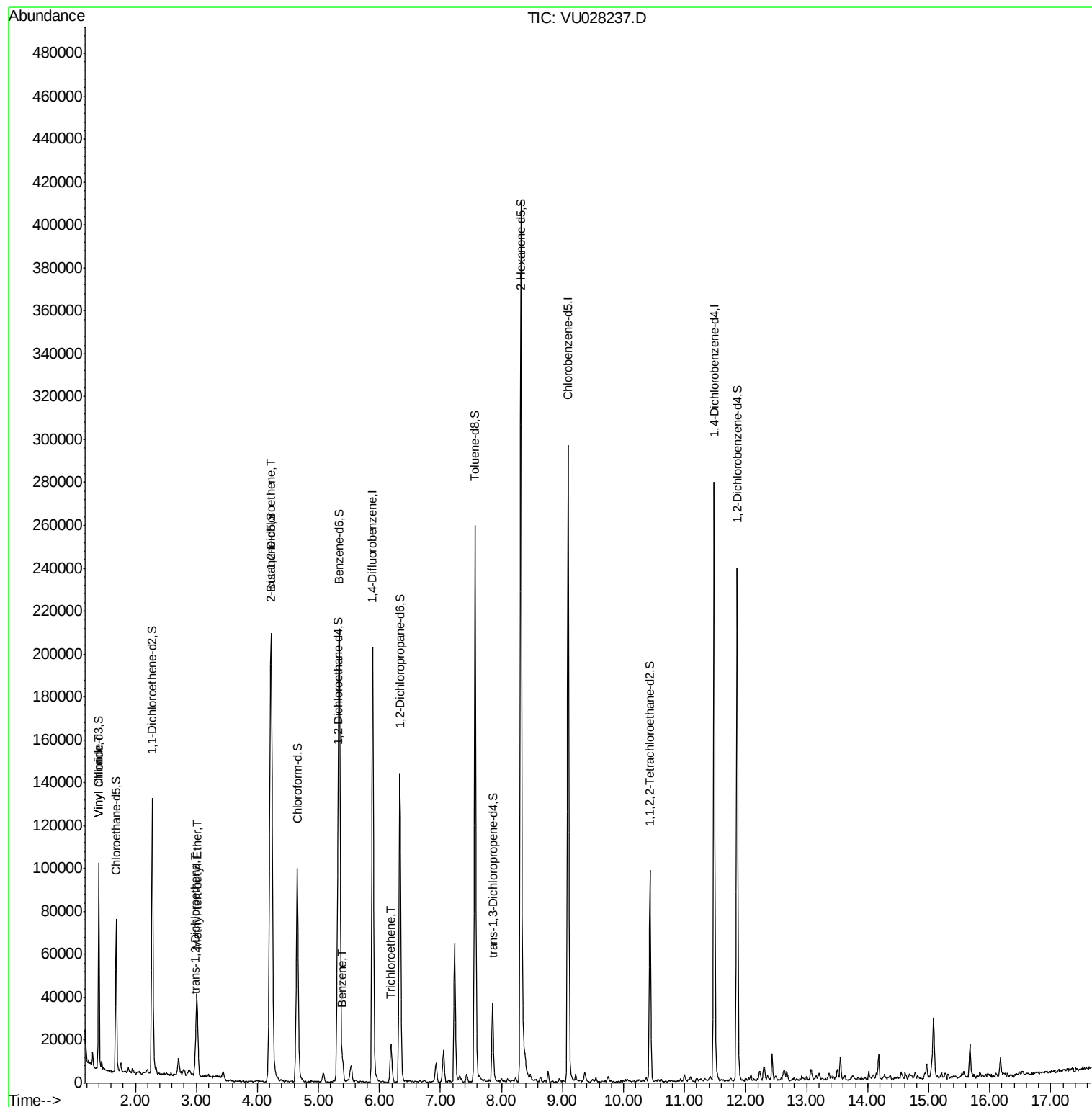
						Qvalue
5) Vinyl chloride	1.40	62	5276	0.34	ug/L	# 78
17) Methyl tert-butyl Ether	3.01	73	37045	1.30	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	1991	0.20	ug/L	71
22) cis-1,2-Dichloroethene	4.23	96	74083	6.21	ug/L	93
33) Benzene	5.40	78	8165	0.17	ug/L	100
34) Trichloroethene	6.19	95	5471	0.45	ug/L	# 75

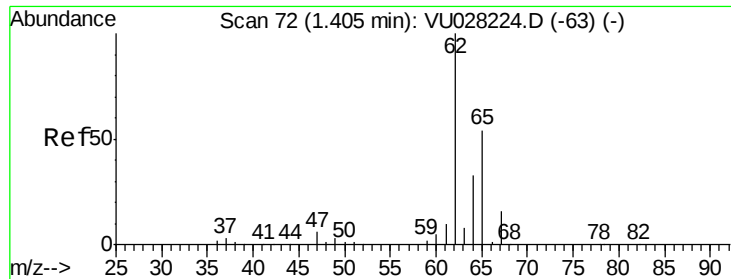
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.34 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU028237.D

Acq: 17 Nov 2018 20:17

Instrument :

MSVOA_U

ClientSampleId :

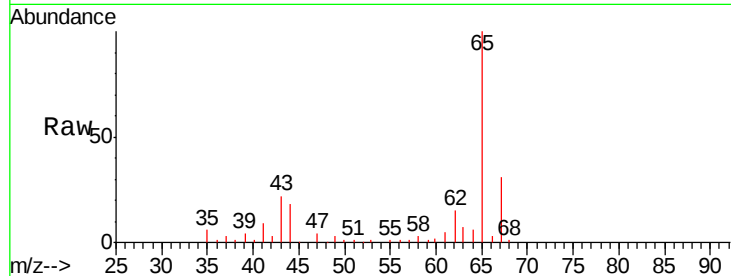
H0FJ2

Tgt Ion: 62 Resp: 5276

Ion Ratio Lower Upper

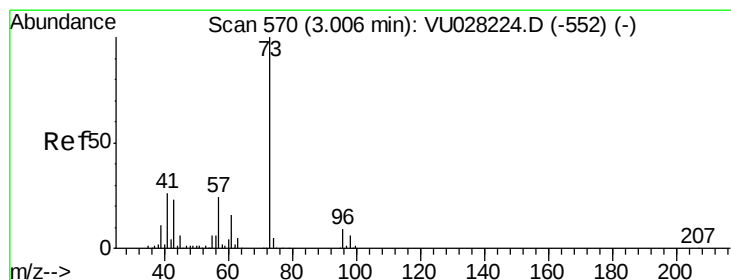
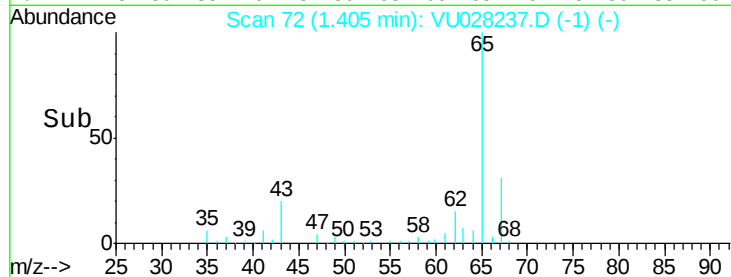
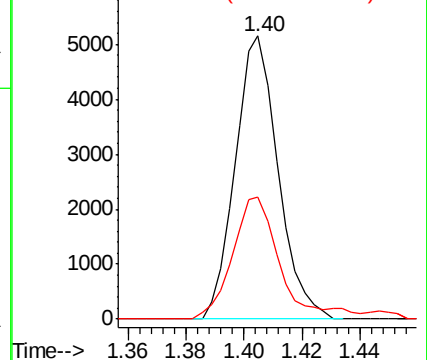
62 100

64 43.0 21.7 40.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#17

Methyl tert-butyl Ether

Concen: 1.30 ug/L

RT: 3.01 min Scan# 571

Delta R.T. -0.00 min

Lab File: VU028237.D

Acq: 17 Nov 2018 20:17

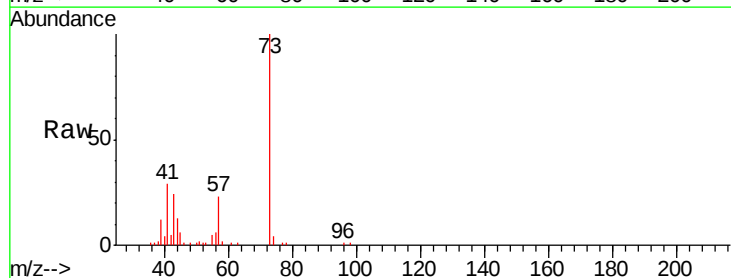
Tgt Ion: 73 Resp: 37045

Ion Ratio Lower Upper

73 100

43 25.1 18.8 28.2

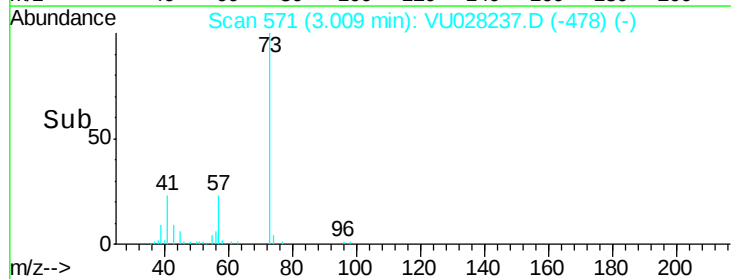
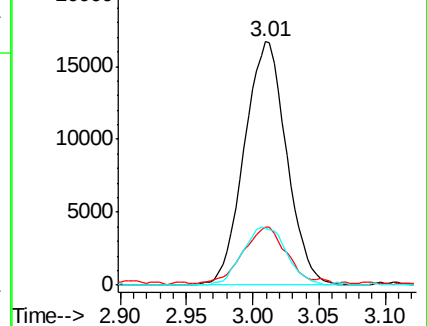
57 24.8 19.2 28.8

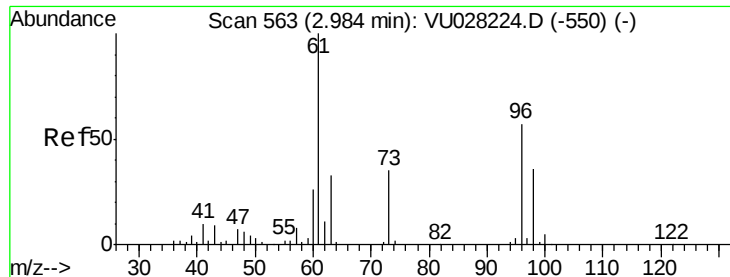


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.20 ug/L

RT: 2.98 min Scan# 561

Delta R.T. -0.01 min

Lab File: VU028237.D

Acq: 17 Nov 2018 20:17

Instrument :

MSVOA_U

ClientSampled :

H0FJ2

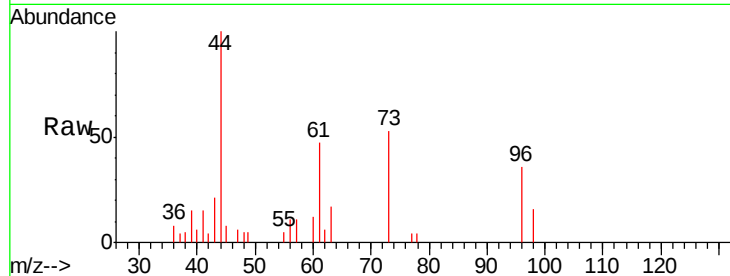
Tgt Ion: 96 Resp: 1991

Ion Ratio Lower Upper

96 100

61 132.2 122.2 227.0

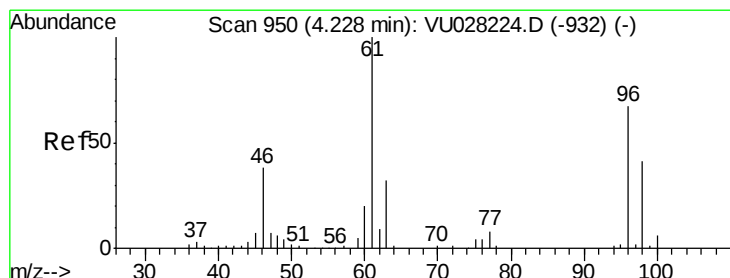
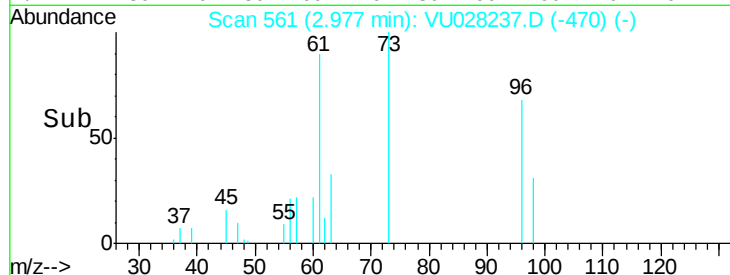
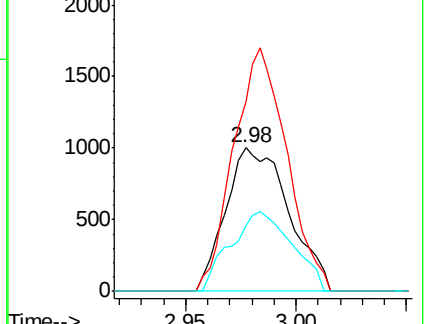
98 45.6 44.9 83.5



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: 6.21 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU028237.D

Acq: 17 Nov 2018 20:17

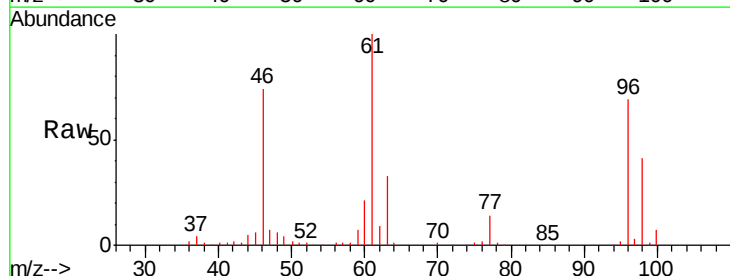
Tgt Ion: 96 Resp: 74083

Ion Ratio Lower Upper

96 100

61 145.6 108.0 200.6

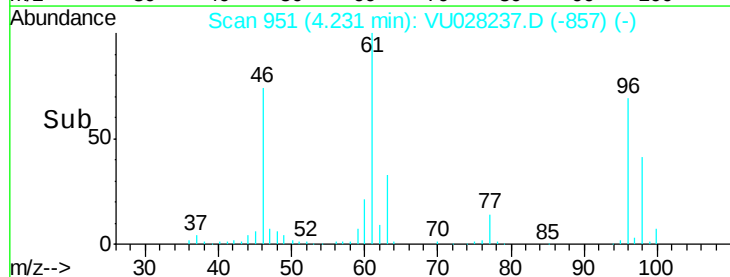
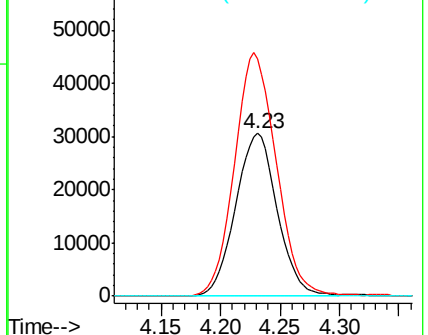
68 0.0 0.0 0.0

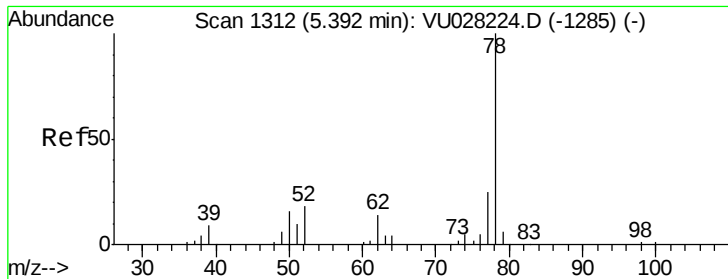


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#33

Benzene

Concen: 0.17 ug/L

RT: 5.40 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU028237.D

Acq: 17 Nov 2018 20:17

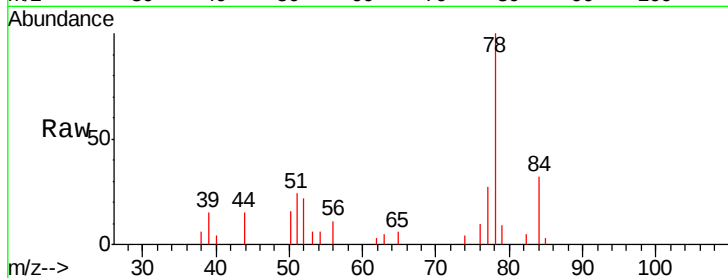
Instrument :

MSVOA_U

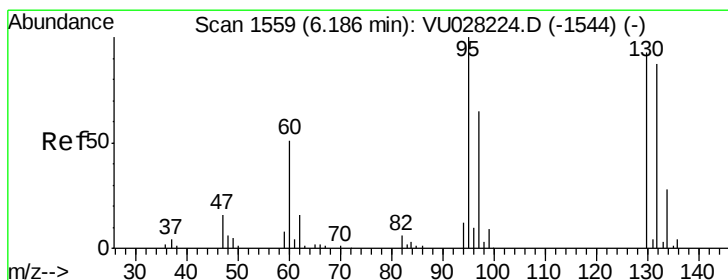
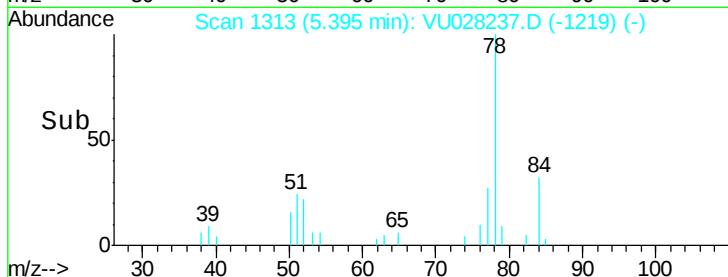
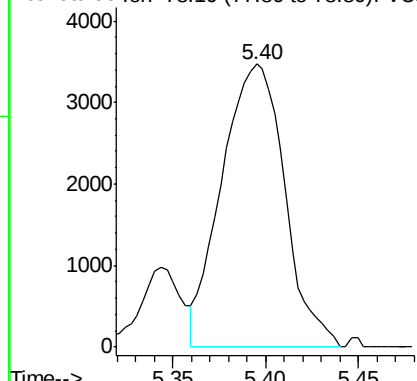
ClientSampled :

H0FJ2

Tgt Ion: 78 Resp: 8165



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.45 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028237.D

Acq: 17 Nov 2018 20:17

Tgt Ion: 95 Resp: 5471

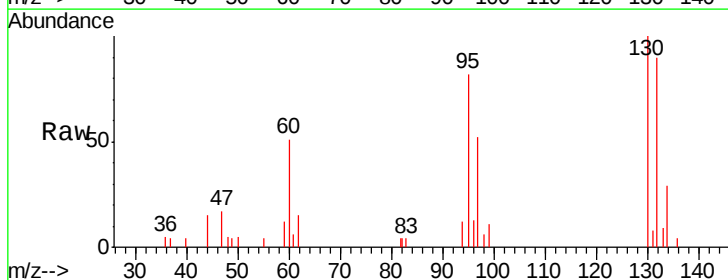
Ion Ratio Lower Upper

95 100

97 64.1 46.5 86.3

132 110.5 58.9 109.3#

130 122.6 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

