

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111918\
 Data File : VU028253.D
 Acq On : 19 Nov 2018 14:28
 Operator : MD/SY
 Sample : J5986-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FM1

Quant Time: Nov 20 07:48:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 07:07:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	124734	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	116008	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51023	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41277	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.68	69	37196	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.28	63	64731	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.22	46	127464	40.58	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.16%
24) Chloroform-d	4.65	84	78379	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.31	65	44612	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.34	84	158530	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.33	67	57990	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.57	98	138678	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	15144	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.32	63	68724	29.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	40806	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	45976	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

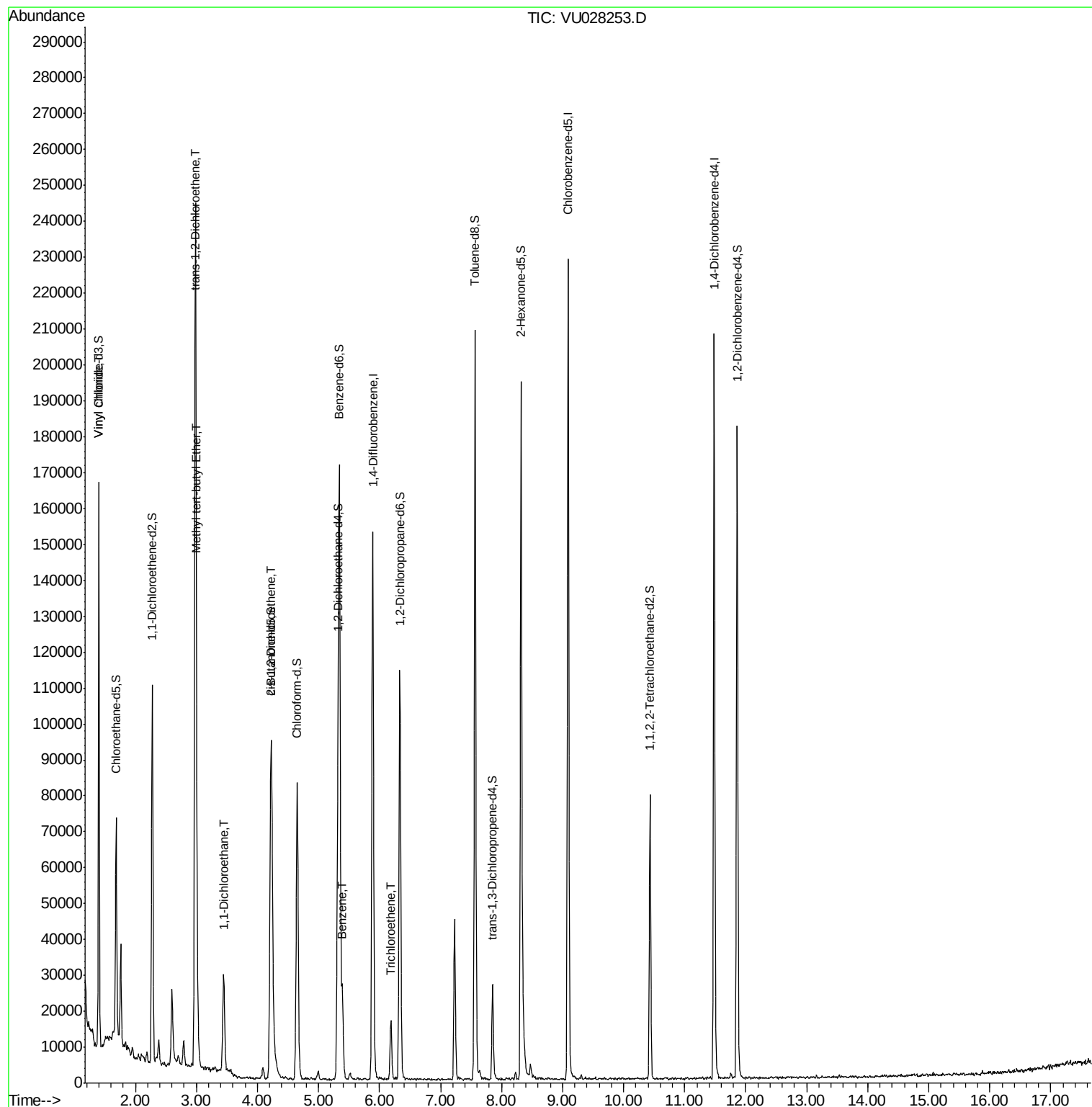
					Ovalue
5) Vinyl chloride	1.40	62	57479	4.540	ug/L 99
17) Methyl tert-butyl Ether	3.01	73	28409	1.232	ug/L 93
18) trans-1,2-Dichloroethene	2.98	96	82770	10.119	ug/L 95
19) 1,1-Dichloroethane	3.45	63	28406	1.498	ug/L 99
22) cis-1,2-Dichloroethene	4.23	96	22970	2.376	ug/L 85
33) Benzene	5.39	78	20956	0.547	ug/L 100
34) Trichloroethene	6.19	95	5772	0.616	ug/L 97

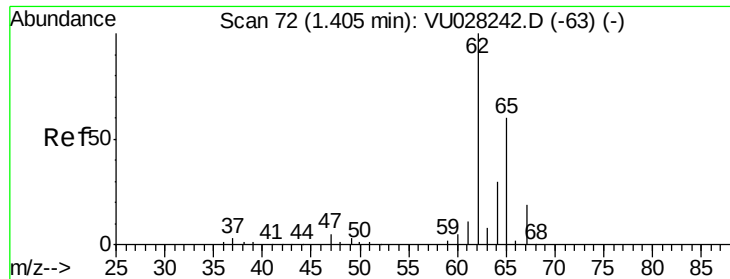
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.540 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028253.D

Acq: 19 Nov 2018 14:28

Instrument :

MSVOA_U

ClientSampled :

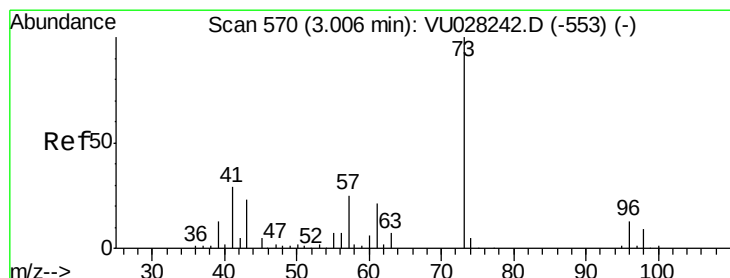
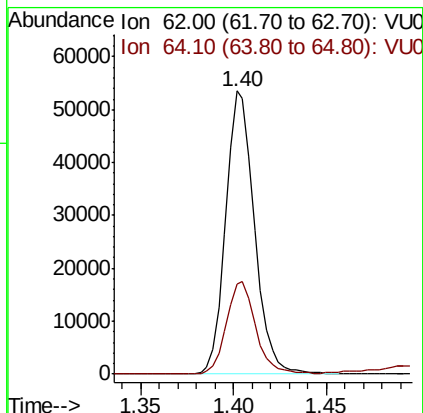
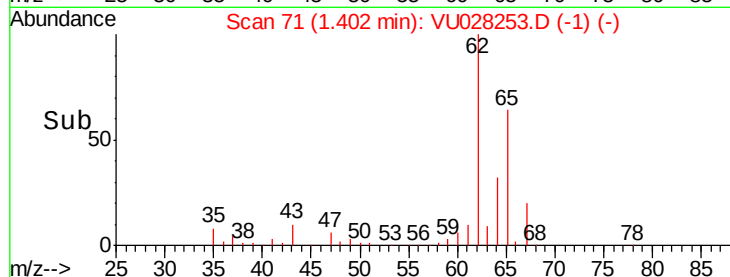
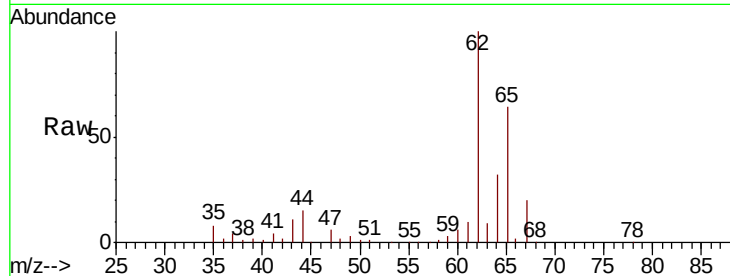
H0FM1

Tot Ion: 62 Resp: 57479

Ion Ratio Lower Upper

62 100

64 31.7 21.7 40.3



#17

Methyl tert-butyl Ether

Concen: 1.232 ug/L

RT: 3.01 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU028253.D

Acq: 19 Nov 2018 14:28

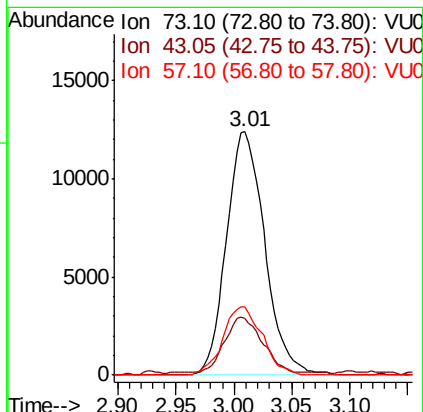
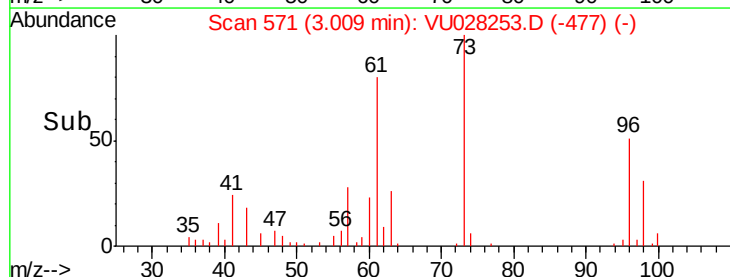
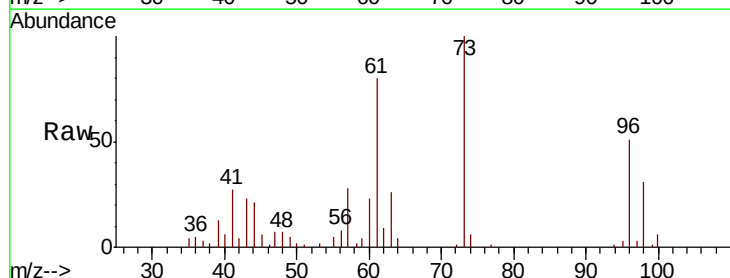
Tgt Ion: 73 Resp: 28409

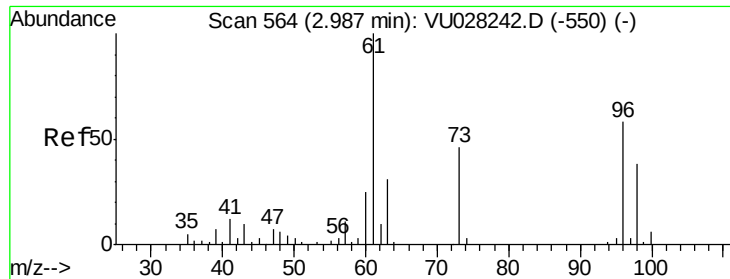
Ion Ratio Lower Upper

73 100

43 21.9 18.8 28.2

57 28.8 19.2 28.8

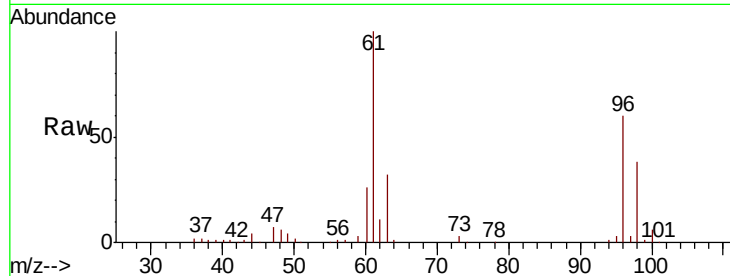




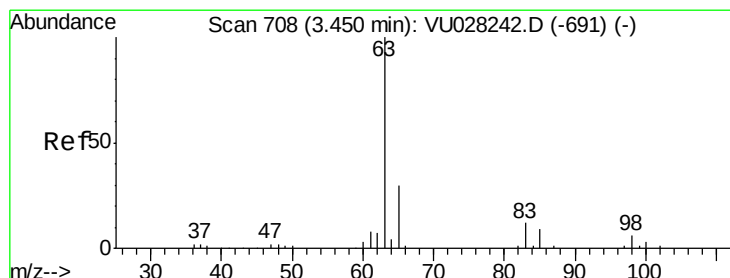
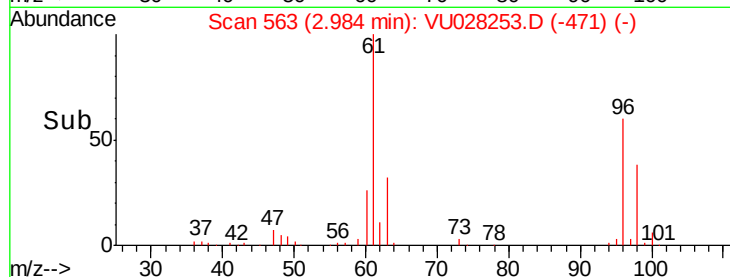
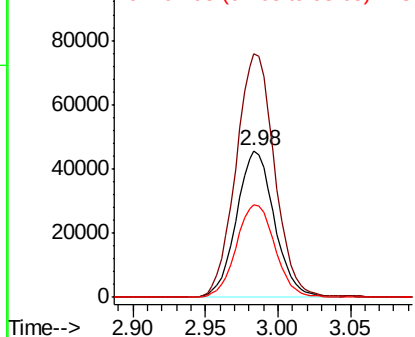
#18
trans-1,2-Dichloroethene
Concen: 10.119 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028253.D
Acq: 19 Nov 2018 14:28

Instrument :
MSVOA_U
ClientSampleId :
H0FM1

Tot Ion: 96 Resp: 82770
Ion Ratio Lower Upper
96 100
61 165.9 122.2 227.0
98 63.1 44.9 83.5

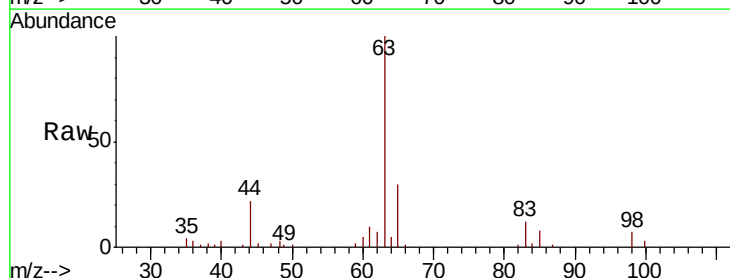


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

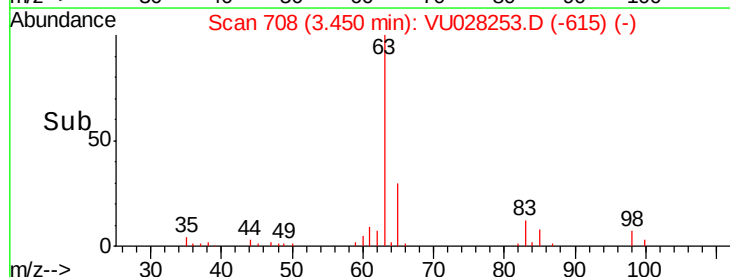
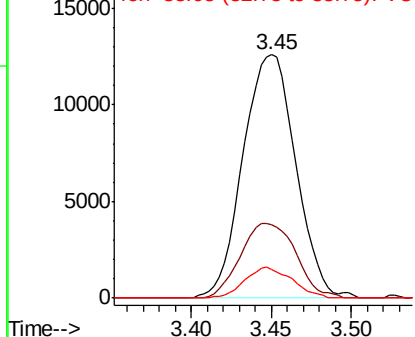


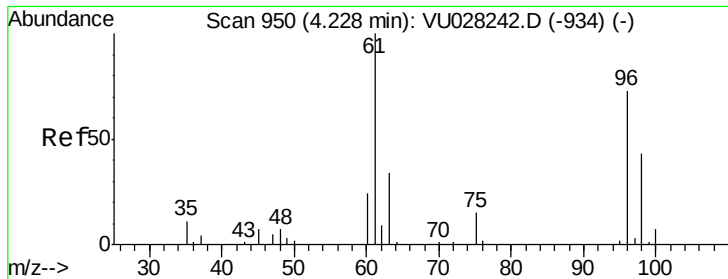
#19
1,1-Dichloroethane
Concen: 1.498 ug/L
RT: 3.45 min Scan# 708
Delta R.T. -0.00 min
Lab File: VU028253.D
Acq: 19 Nov 2018 14:28

Tgt Ion: 63 Resp: 28406
Ion Ratio Lower Upper
63 100
65 30.2 21.2 39.4
83 11.6 8.8 16.4



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 2.376 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU028253.D

Acq: 19 Nov 2018 14:28

Instrument :

MSVOA_U

ClientSampleId :

H0FM1

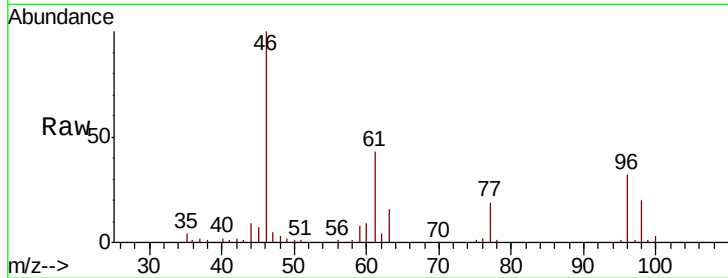
Tot Ion: 96 Resp: 22970

Ion Ratio Lower Upper

96 100

61 134.9 108.0 200.6

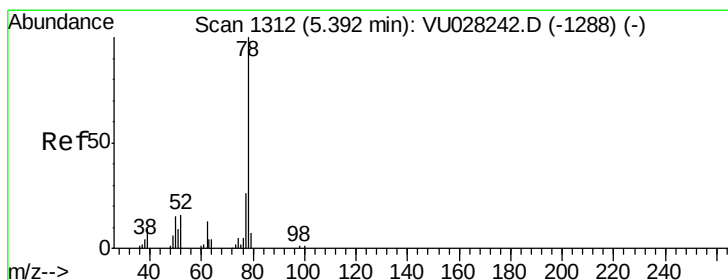
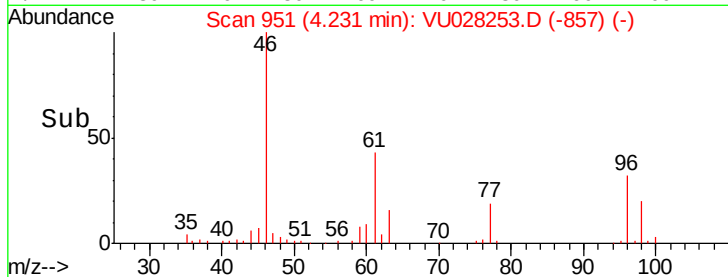
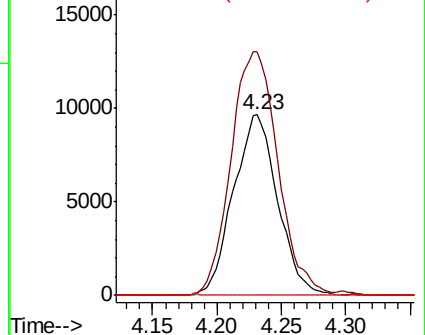
68 0.0 0.0 0.0



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: 0.547 ug/L

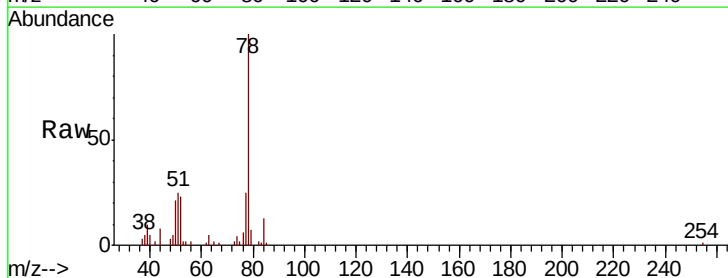
RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

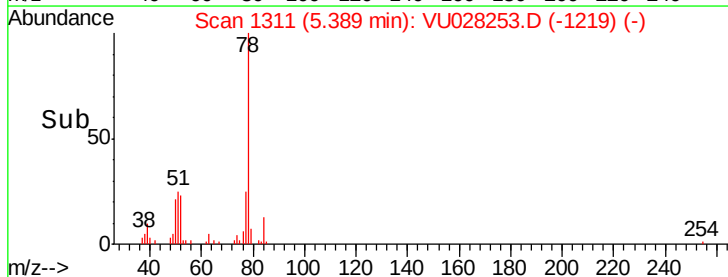
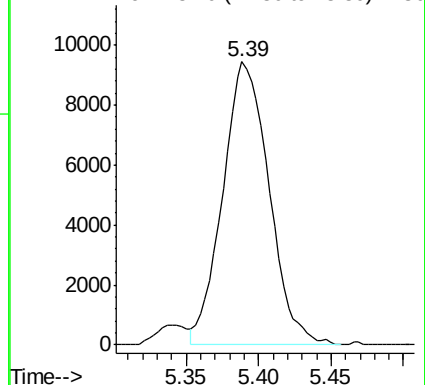
Lab File: VU028253.D

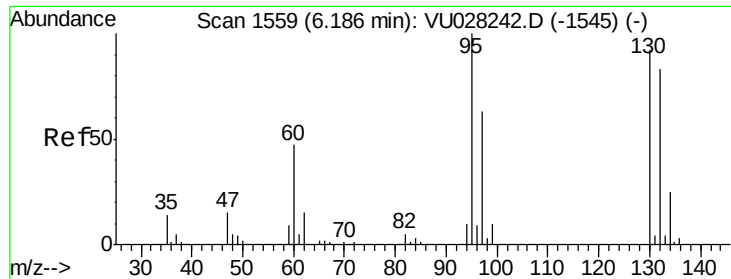
Acq: 19 Nov 2018 14:28

Tgt Ion: 78 Resp: 20956



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 0.616 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028253.D

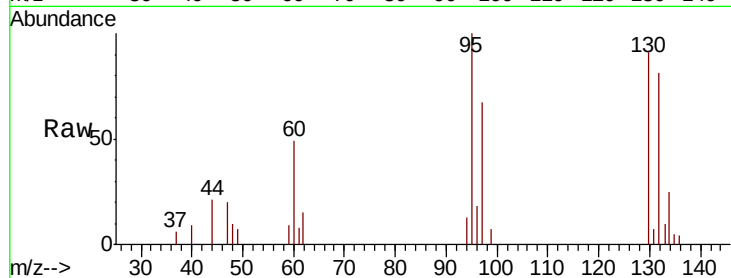
Acq: 19 Nov 2018 14:28

Instrument :

MSVOA_U

ClientSampleId :

H0FM1



Tot Ion: 95 Resp: 5772

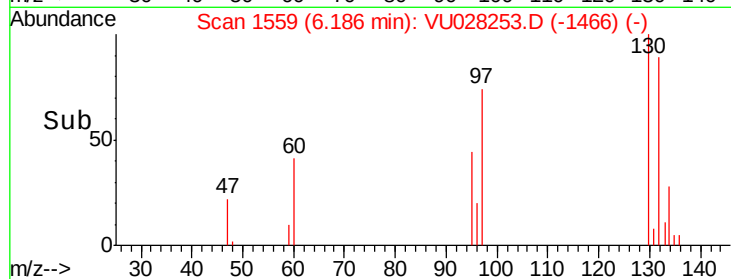
Ion Ratio Lower Upper

95 100

97 67.0 46.5 86.3

132 81.0 58.9 109.3

130 91.1 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

