

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111418\
 Data File : VU028142.D
 Acq On : 15 Nov 2018 00:31
 Operator : MD/SY
 Sample : J5943-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH3

Quant Time: Nov 15 07:20:41 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	132346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	123335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	57816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60255	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.68	69	42392	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.28	63	74095	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.20	46	179659	56.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.80%
24) Chloroform-d	4.65	84	87187	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.31	65	50844	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.34	84	178853	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.33	67	65947	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.57	98	155096	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.85	79	20146	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.31	63	138061	53.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46648	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	55180	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

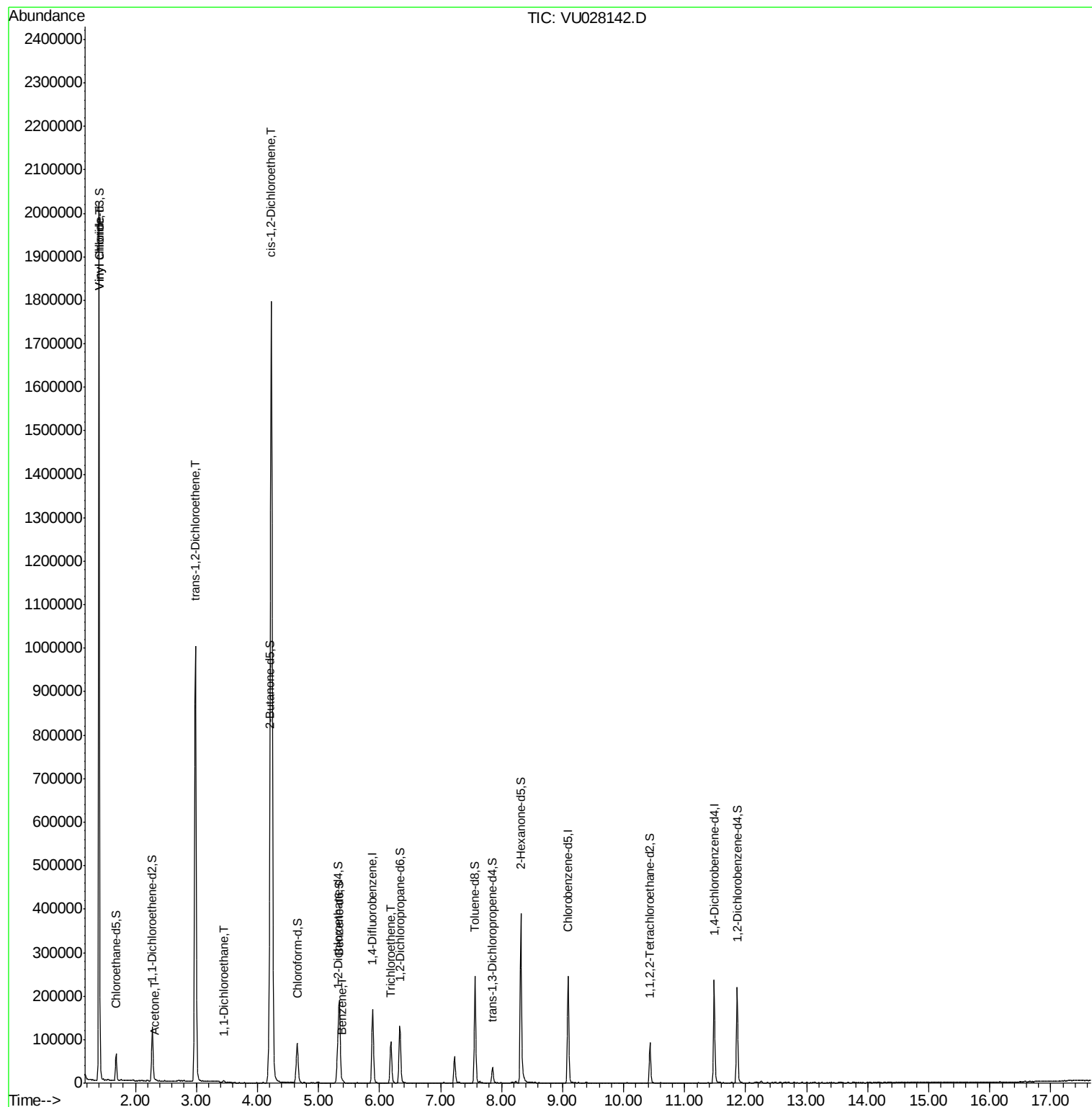
					Ovalue
5) Vinyl chloride	1.40	62	1239999	87.473	ug/L 98
13) Acetone	2.32	43	3942	1.838	ug/L 78
18) trans-1,2-Dichloroethene	2.98	96	345338	36.912	ug/L 99
19) 1,1-Dichloroethane	3.45	63	4169	0.212	ug/L 96
22) cis-1,2-Dichloroethene	4.23	96	922137	89.396	ug/L 97
33) Benzene	5.40	78	4395	0.106	ug/L 100
34) Trichloroethene	6.19	95	33072	3.221	ug/L 97

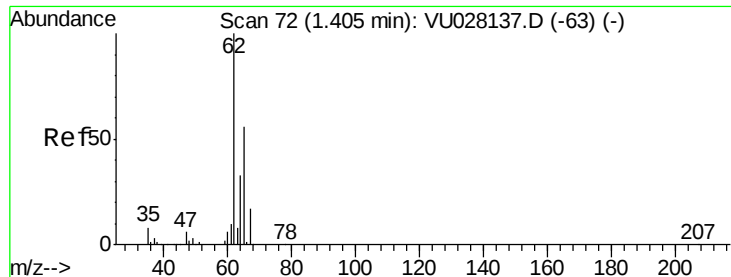
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 87.473 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU028142.D

Acq: 15 Nov 2018 00:31

Instrument :

MSVOA_U

ClientSampleId :

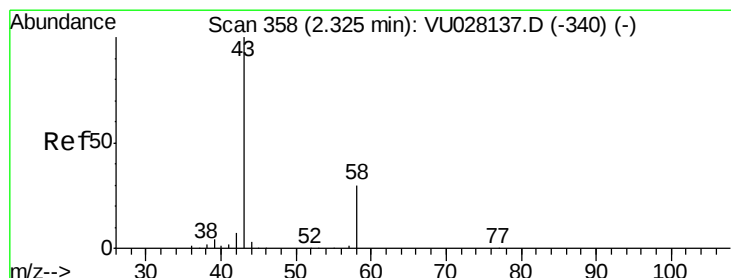
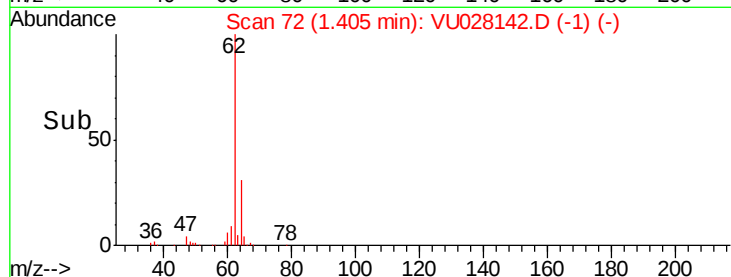
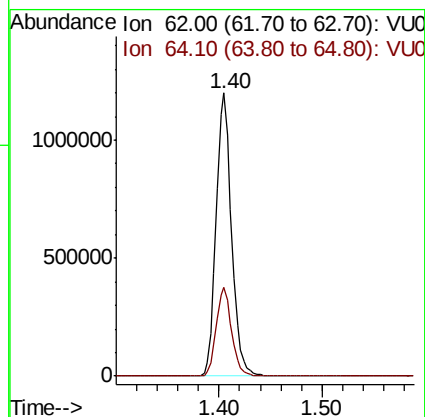
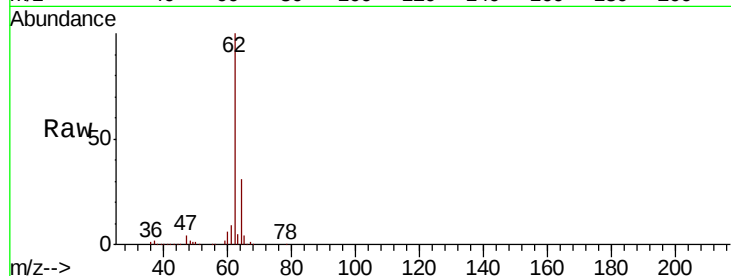
H0FH3

Tot Ion: 62 Resp: 1239999

Ion Ratio Lower Upper

62 100

64 31.3 22.7 42.3



#13

Acetone

Concen: 1.838 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028142.D

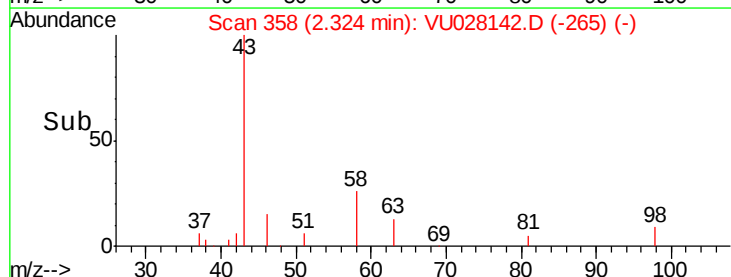
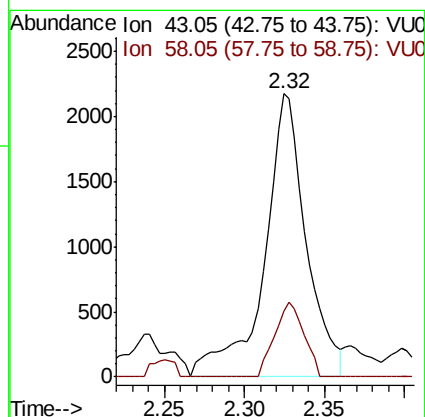
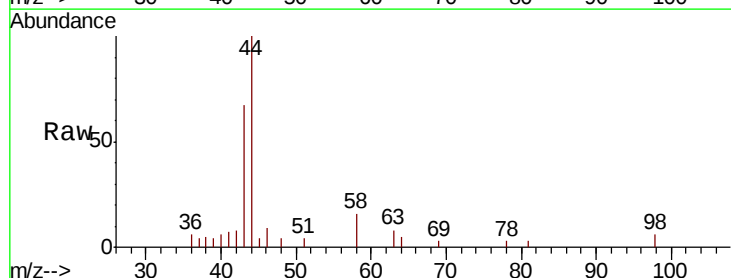
Acq: 15 Nov 2018 00:31

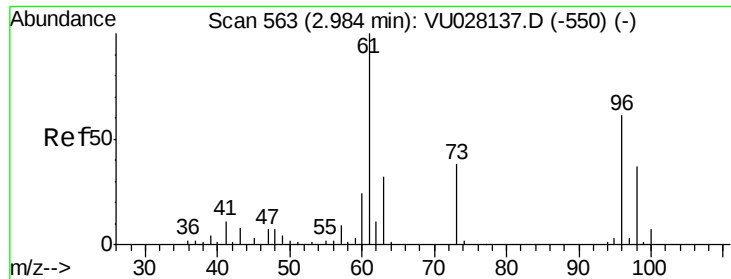
Tgt Ion: 43 Resp: 3942

Ion Ratio Lower Upper

43 100

58 18.5 0.0 61.6

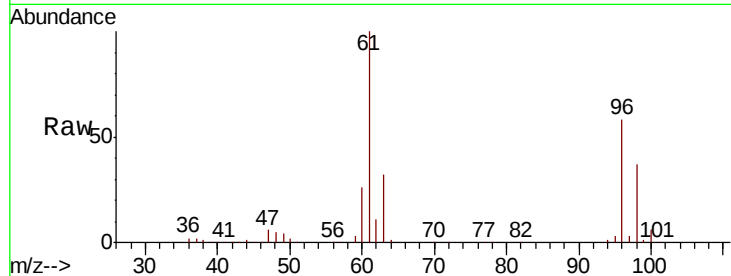




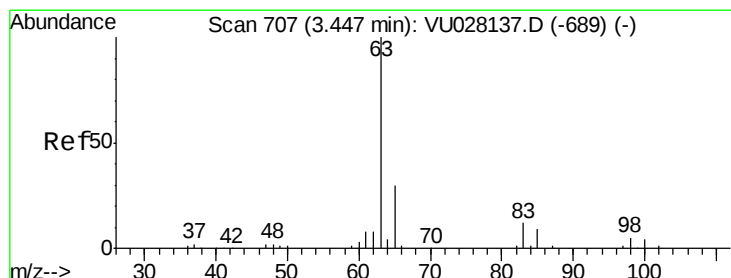
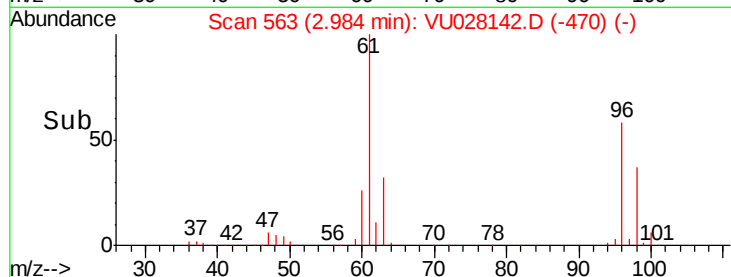
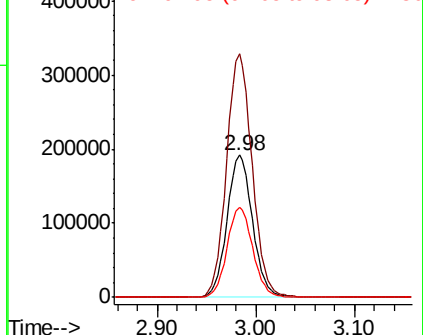
#18
trans-1,2-Dichloroethene
Concen: 36.912 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Instrument :
MSVOA_U
ClientSampled :
H0FH3

Tot Ion: 96 Resp: 345338
Ion Ratio Lower Upper
96 100
61 171.6 118.5 220.1
98 63.6 44.9 83.5

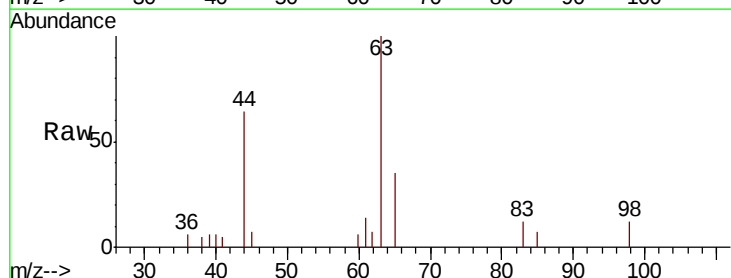


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

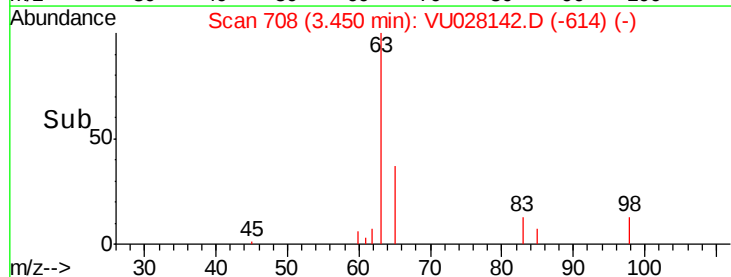
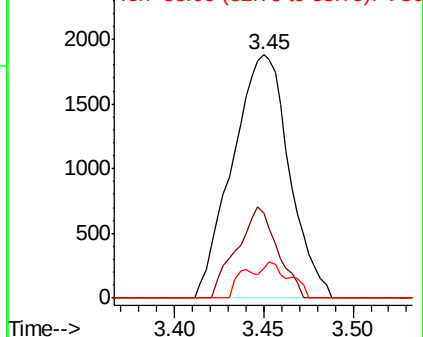


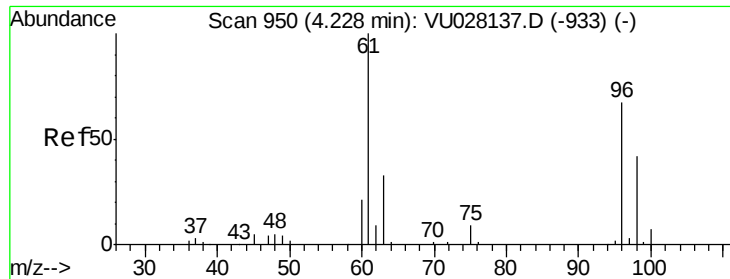
#19
1,1-Dichloroethane
Concen: 0.212 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Tgt Ion: 63 Resp: 4169
Ion Ratio Lower Upper
63 100
65 34.8 22.2 41.2
83 12.4 8.9 16.5



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



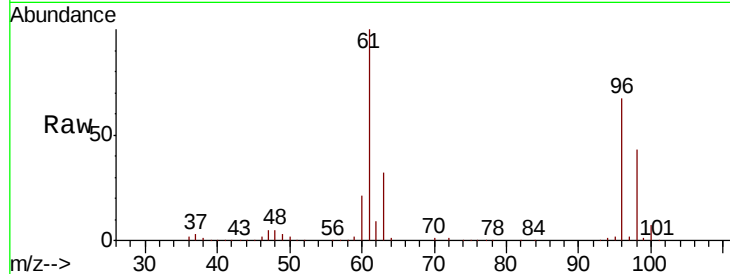


#22

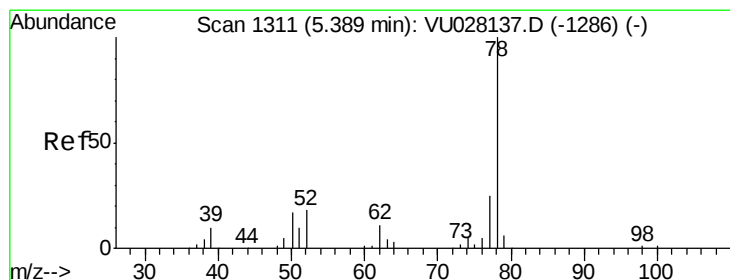
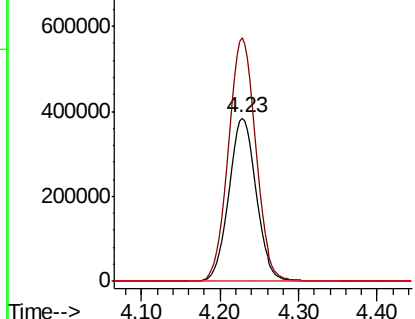
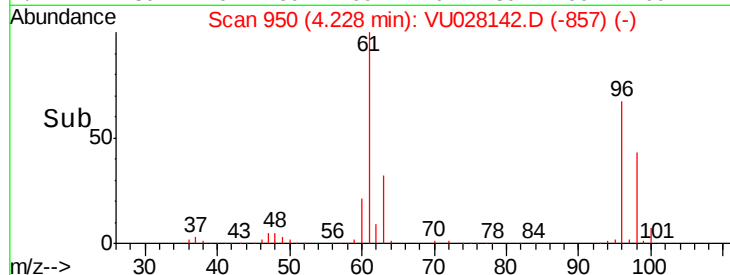
cis-1,2-Dichloroethene
 Concen: 89.396 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU028142.D
 Acq: 15 Nov 2018 00:31

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH3

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	148.9	101.8	189.0	
68	0.0	0.0	0.0	



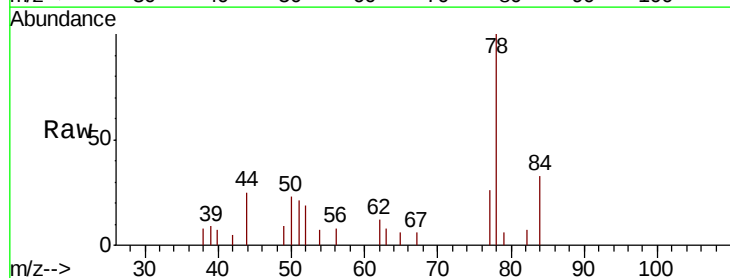
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



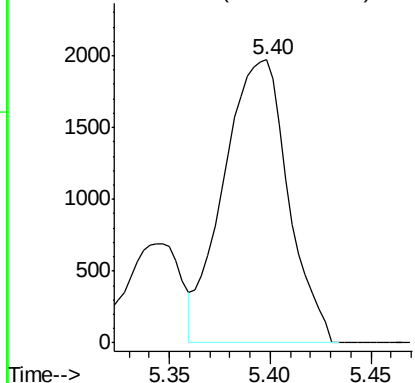
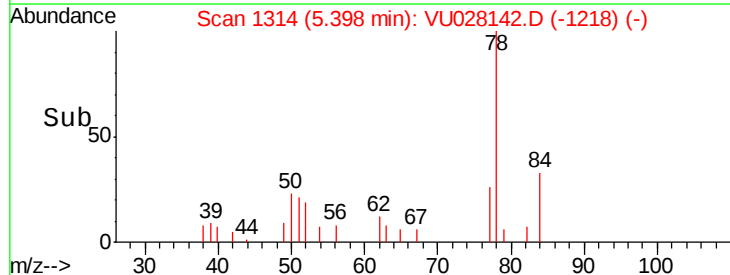
#33

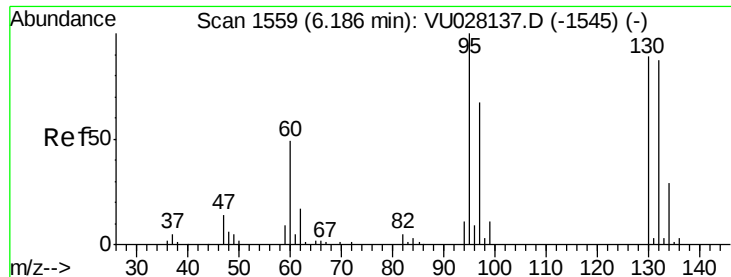
Benzene
 Concen: 0.106 ug/L
 RT: 5.40 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: VU028142.D
 Acq: 15 Nov 2018 00:31

Tgt Ion: 78 Resp: 4395



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 3.221 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028142.D

Acq: 15 Nov 2018 00:31

Instrument :

MSVOA_U

ClientSampleId :

H0FH3

Tot Ion: 95 Resp: 33072

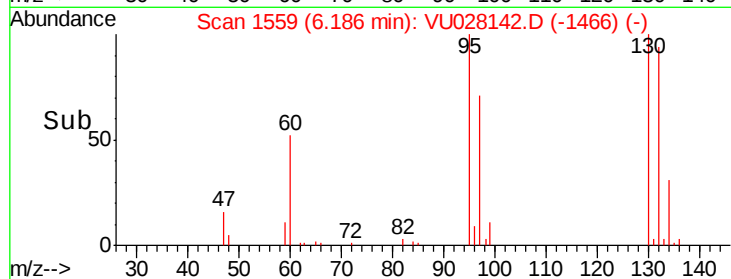
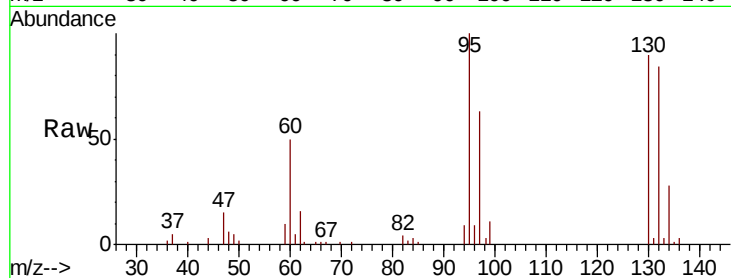
Ion Ratio Lower Upper

95 100

97 63.5 45.3 84.1

132 84.3 63.0 117.0

130 89.5 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

