

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111918\
 Data File : VU028257.D
 Acq On : 19 Nov 2018 16:27
 Operator : MD/SY
 Sample : J5986-01 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FG7

Quant Time: Nov 20 08:01:18 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	130299	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124917	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53732	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44348	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.68	69	39608	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.28	63	65514	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.20	46	157387	47.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.94%
24) Chloroform-d	4.65	84	82796	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.31	65	48120	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.34	84	165793	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.33	67	62510	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.57	98	144610	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	18553	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.31	63	109661	43.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45001	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	50029	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

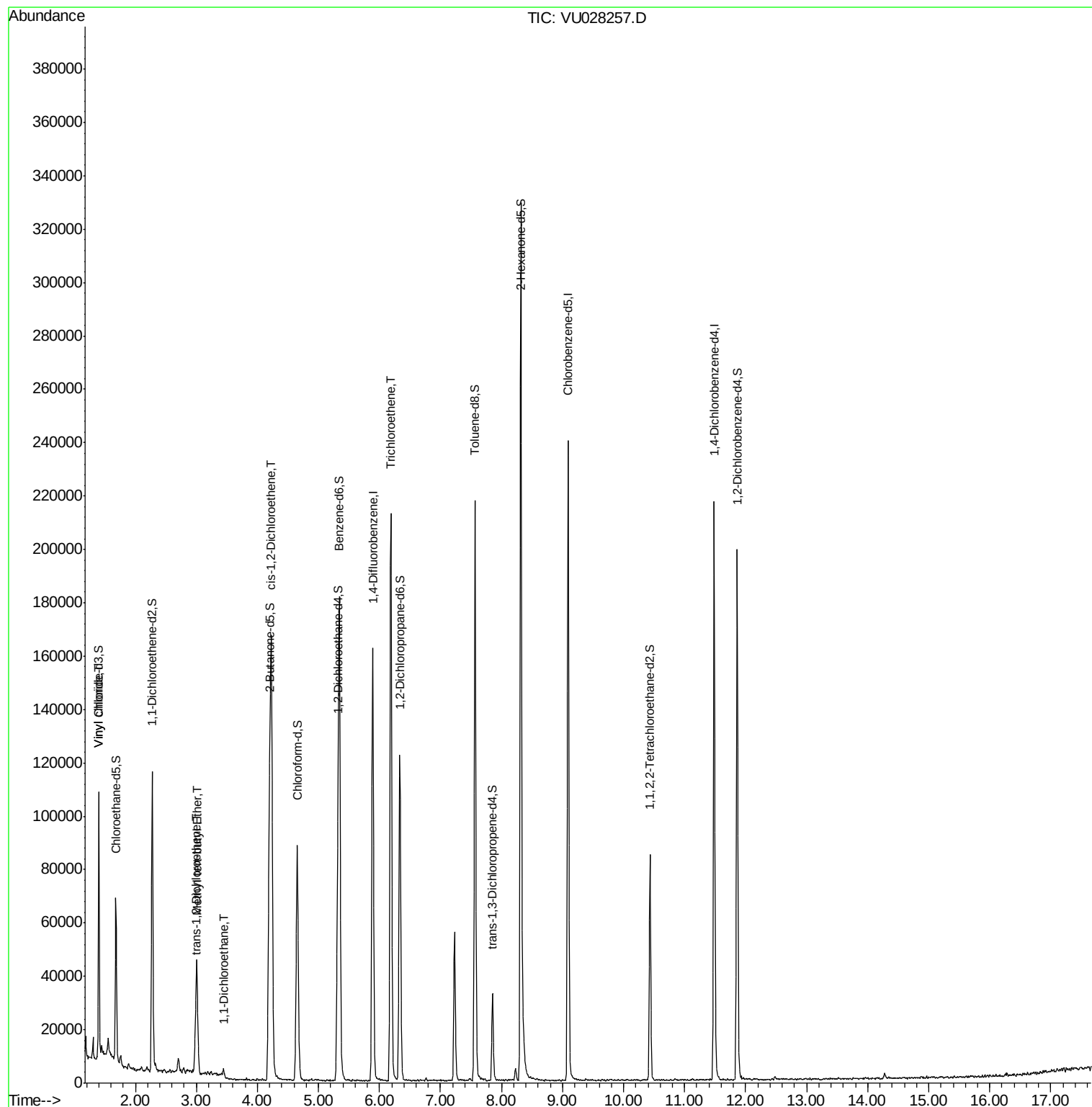
					Ovalue
5) Vinyl chloride	1.40	62	12544	0.949 ug/L	# 65
17) Methyl tert-butyl Ether	3.01	73	39091	1.622 ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	3120	0.365 ug/L	89
19) 1,1-Dichloroethane	3.44	63	2135	0.108 ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	75513	7.476 ug/L	96
34) Trichloroethene	6.19	95	76354	7.567 ug/L	93

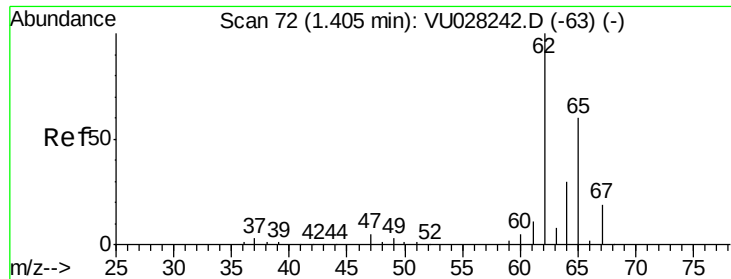
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.949 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

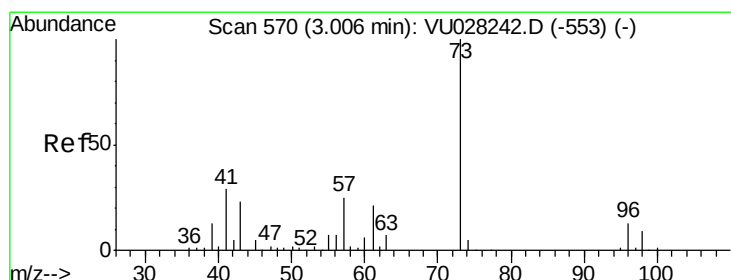
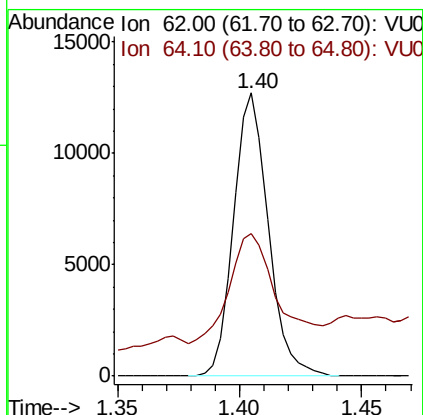
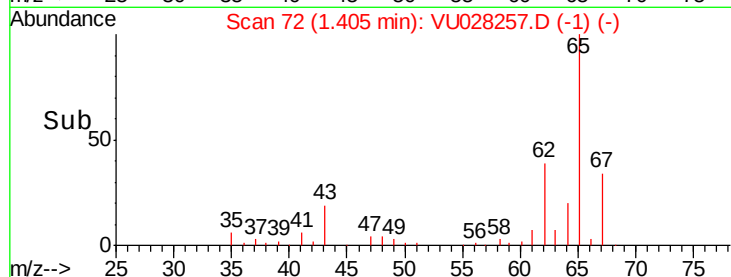
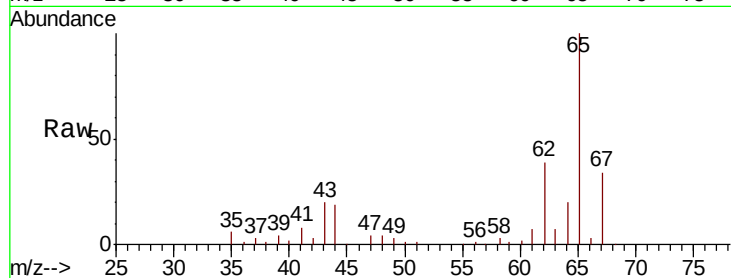
H0FG7

Tot Ion: 62 Resp: 12544

Ion Ratio Lower Upper

62 100

64 50.4 21.7 40.3#



#17

Methyl tert-butyl Ether

Concen: 1.622 ug/L

RT: 3.01 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU028257.D

Acq: 19 Nov 2018 16:27

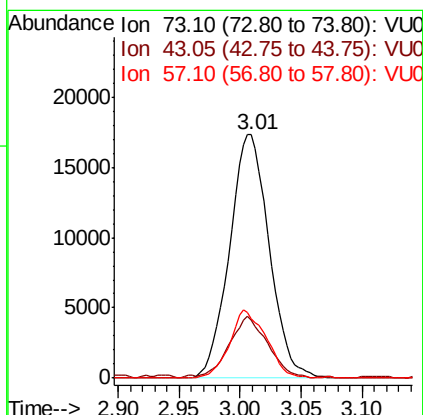
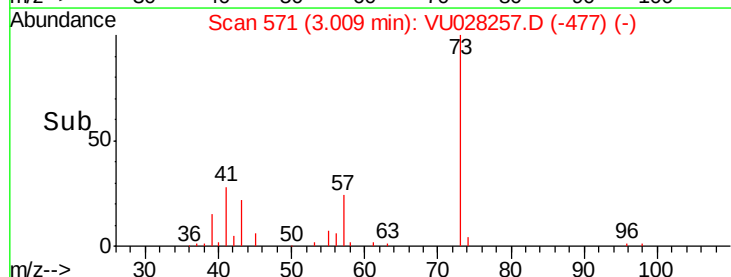
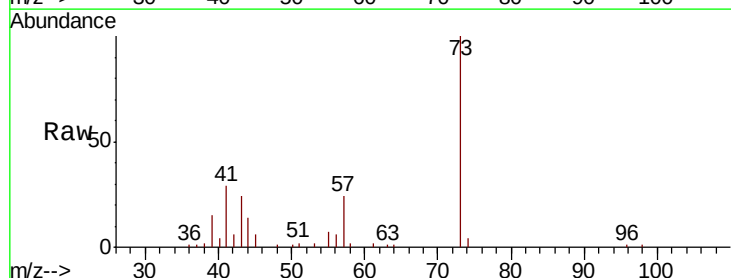
Tgt Ion: 73 Resp: 39091

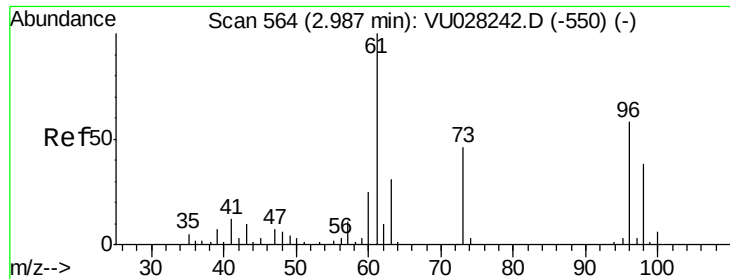
Ion Ratio Lower Upper

73 100

43 25.0 18.8 28.2

57 25.8 19.2 28.8

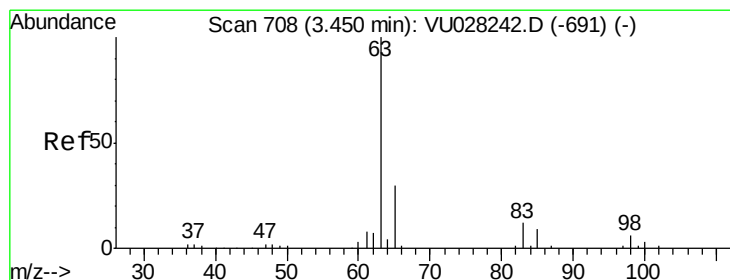
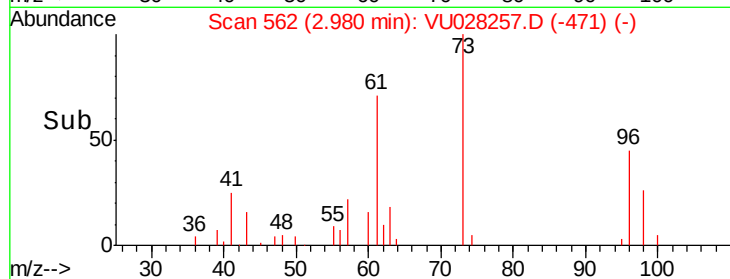
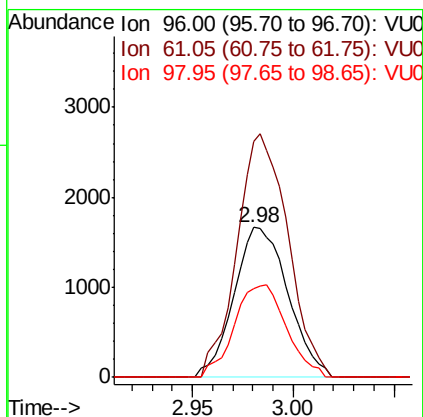
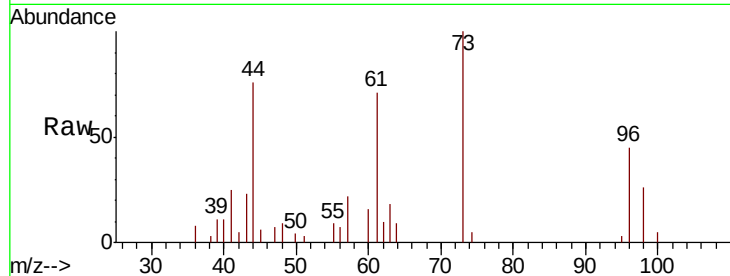




#18
trans-1,2-Dichloroethene
Concen: 0.365 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.01 min
Lab File: VU028257.D
Acq: 19 Nov 2018 16:27

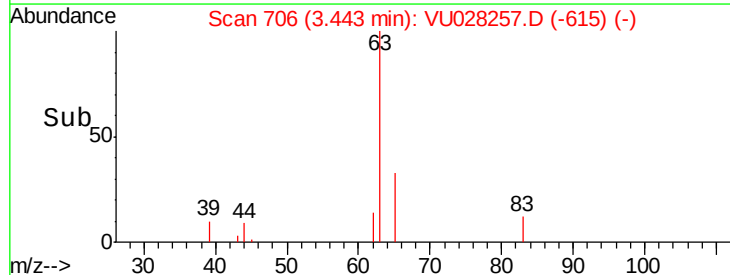
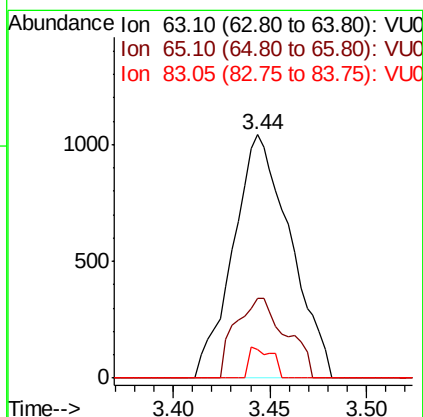
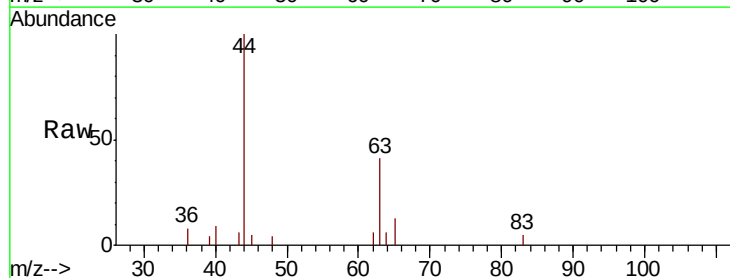
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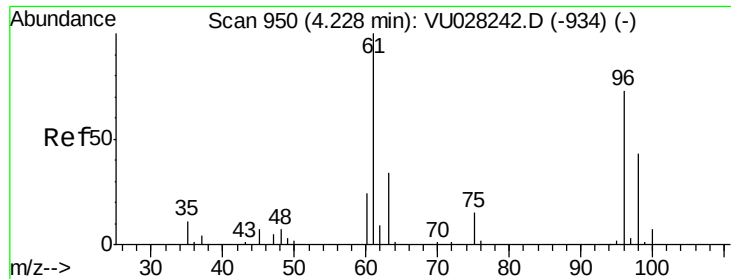
Tot Ion: 96 Resp: 3120
Ion Ratio Lower Upper
96 100
61 157.8 122.2 227.0
98 58.9 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.108 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.01 min
Lab File: VU028257.D
Acq: 19 Nov 2018 16:27

Tgt Ion: 63 Resp: 2135
Ion Ratio Lower Upper
63 100
65 32.5 21.2 39.4
83 12.0 8.8 16.4





#22

cis-1,2-Dichloroethene

Concen: 7.476 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028257.D

Acq: 19 Nov 2018 16:27

Instrument :

MSVOA_U

ClientSampleId :

H0FG7

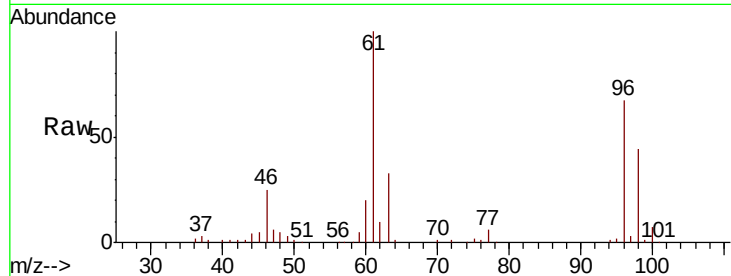
Tot Ion: 96 Resp: 75513

Ion Ratio Lower Upper

96 100

61 149.8 108.0 200.6

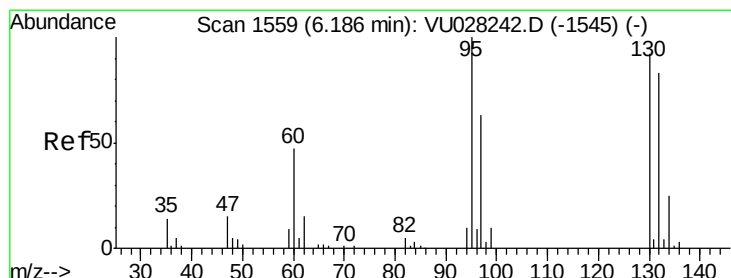
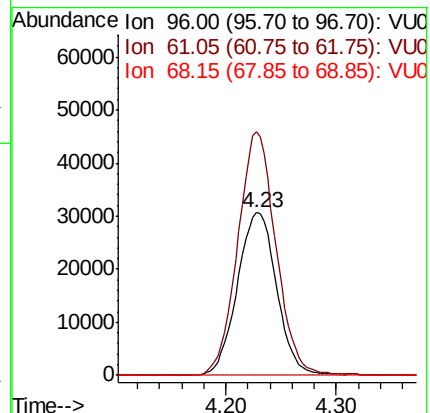
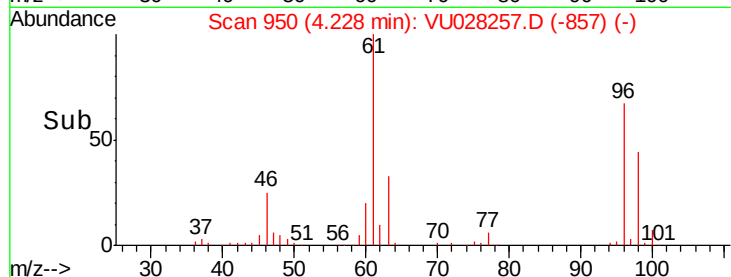
68 0.0 0.0 0.0



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



#34

Trichloroethene

Concen: 7.567 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028257.D

Acq: 19 Nov 2018 16:27

Tgt Ion: 95 Resp: 76354

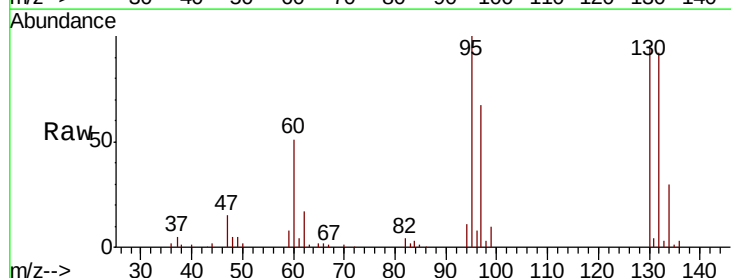
Ion Ratio Lower Upper

95 100

97 67.4 46.5 86.3

132 92.1 58.9 109.3

130 95.7 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

