

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112118\
 Data File : VU028308.D
 Acq On : 21 Nov 2018 10:41
 Operator : MD/SY
 Sample : J5986-21 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP8

Quant Time: Nov 21 23:03:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 22:33:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	171958	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161781	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65712	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.68	69	50726	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.27	63	95628	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.21	46	192618	44.48	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.96%
24) Chloroform-d	4.65	84	108824	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.31	65	61850	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.34	84	220537	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.33	67	79711	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.56	98	192176	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	28943	5.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.31	63	133496	41.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	54335	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	62393	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

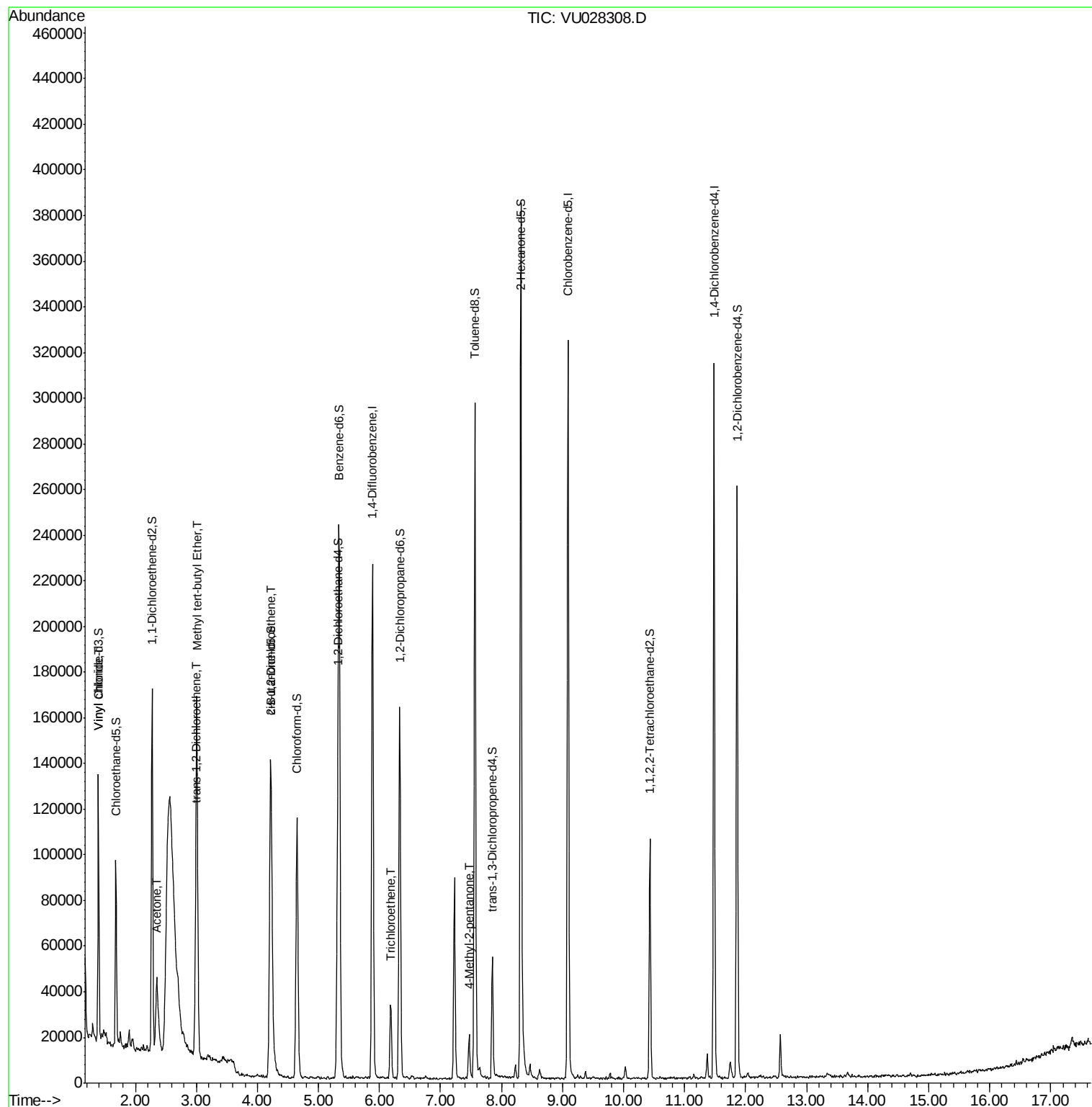
					Qvalue
5) Vinyl chloride	1.40	62	6088	0.349 ug/L #	83
13) Acetone	2.35	43	61440	20.630 ug/L	95
17) Methyl tert-butyl Ether	3.01	73	155849	4.901 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	3383	0.300 ug/L	87
22) cis-1,2-Dichloroethene	4.23	96	28922	2.170 ug/L	96
34) Trichloroethene	6.19	95	11426	0.874 ug/L	95
40) 4-Methyl-2-pentanone	7.47	43	15379	1.412 ug/L #	91

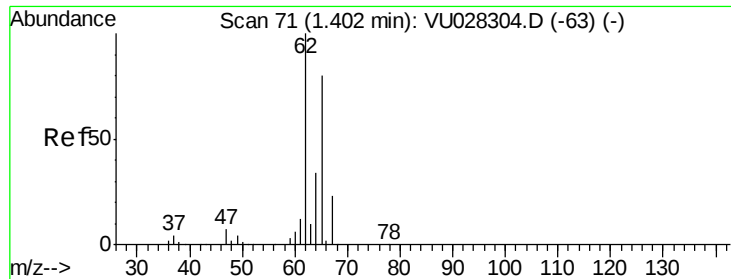
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.349 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028308.D

Acq: 21 Nov 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

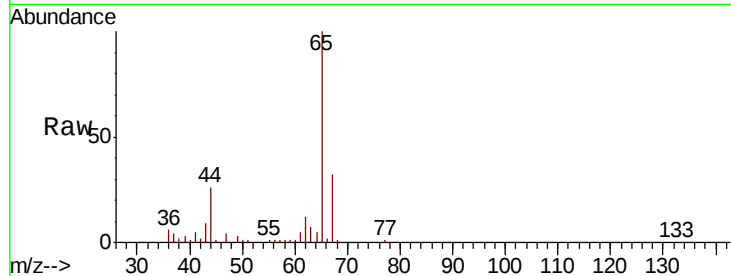
H0FP8

Tgt Ion: 62 Resp: 6088

Ion Ratio Lower Upper

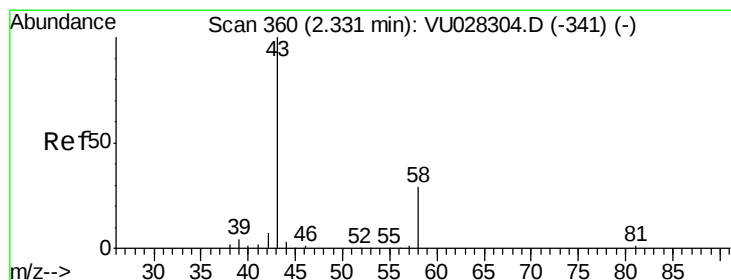
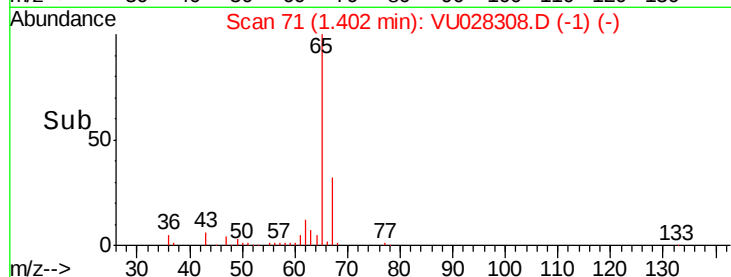
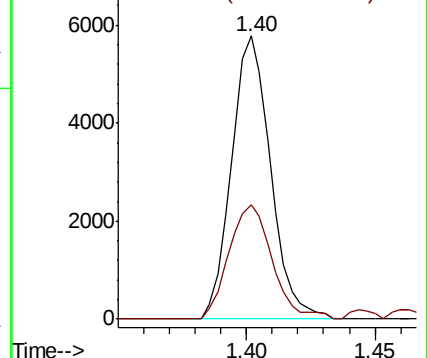
62 100

64 40.6 21.7 40.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 20.630 ug/L

RT: 2.35 min Scan# 367

Delta R.T. 0.02 min

Lab File: VU028308.D

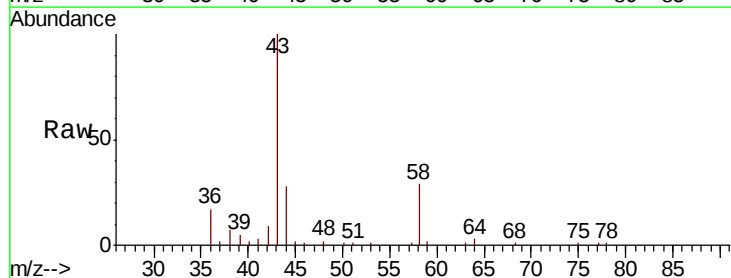
Acq: 21 Nov 2018 10:41

Tgt Ion: 43 Resp: 61440

Ion Ratio Lower Upper

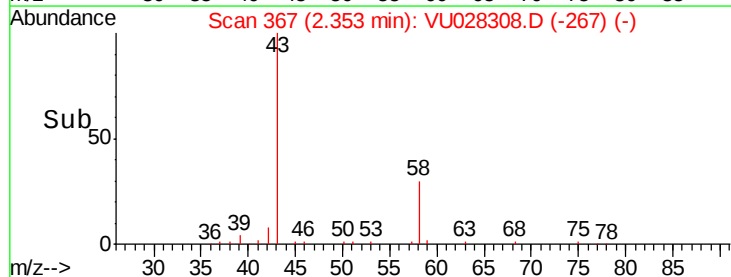
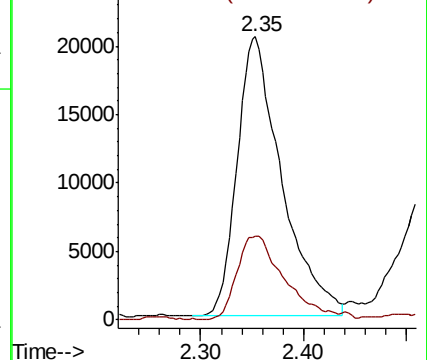
43 100

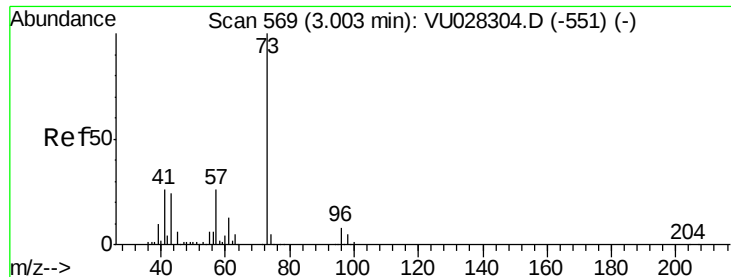
58 32.0 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

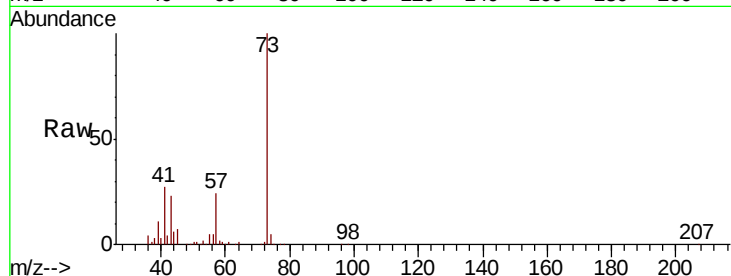




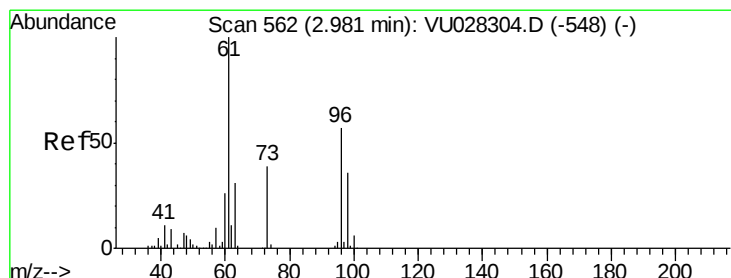
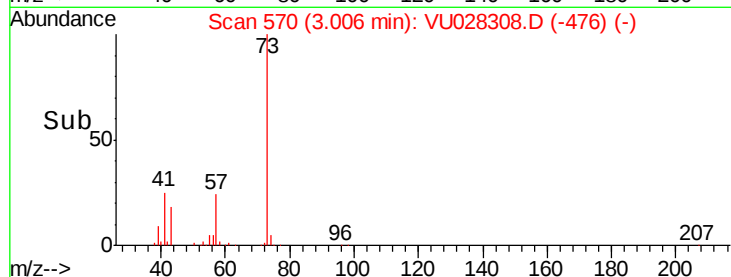
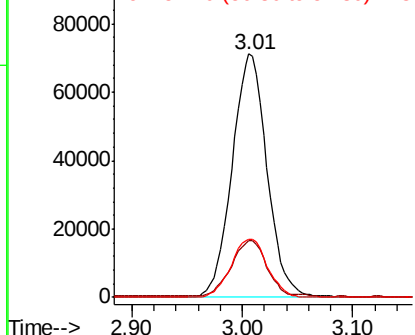
#17
Methyl tert-butyl Ether
Concen: 4.901 ug/L
RT: 3.01 min Scan# 570
Delta R.T. 0.00 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Instrument :
MSVOA_U
ClientSampleId :
H0FP8

Tgt Ion: 73 Resp: 155849
Ion Ratio Lower Upper
73 100
43 23.6 18.8 28.2
57 25.0 19.2 28.8

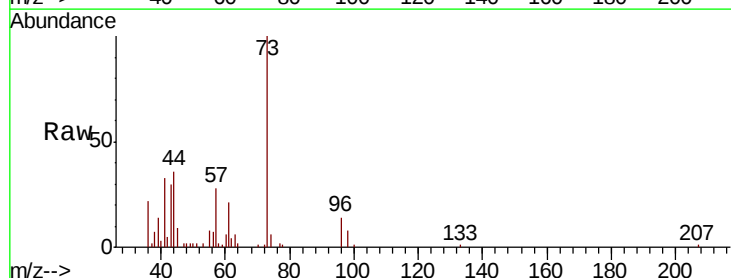


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

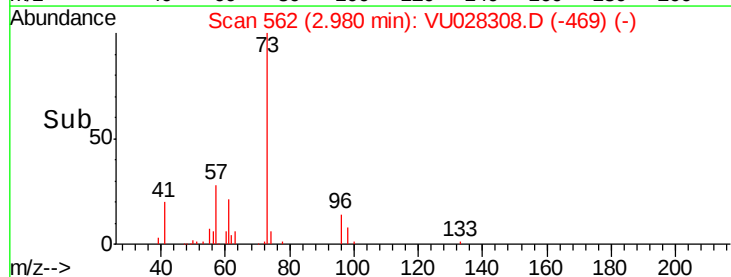
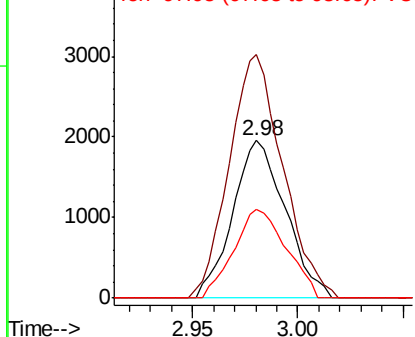


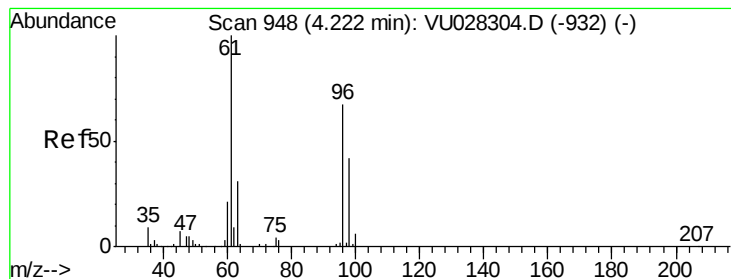
#18
trans-1,2-Dichloroethene
Concen: 0.300 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Tgt Ion: 96 Resp: 3383
Ion Ratio Lower Upper
96 100
61 154.3 122.2 227.0
98 56.1 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





#22

cis-1,2-Dichloroethene

Concen: 2.170 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.01 min

Lab File: VU028308.D

Acq: 21 Nov 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

H0FP8

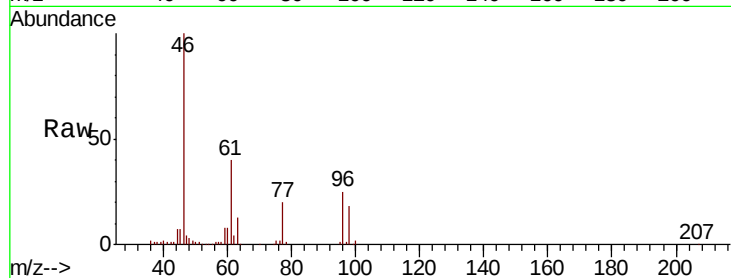
Tgt Ion: 96 Resp: 28922

Ion Ratio Lower Upper

96 100

61 159.1 108.0 200.6

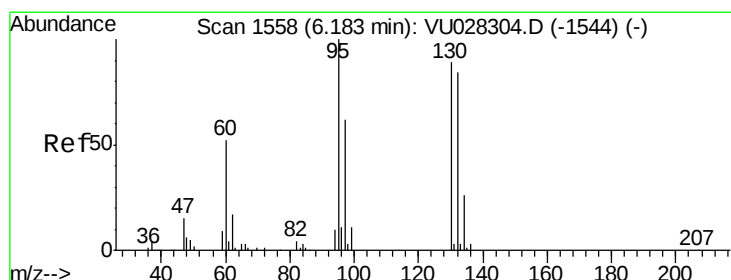
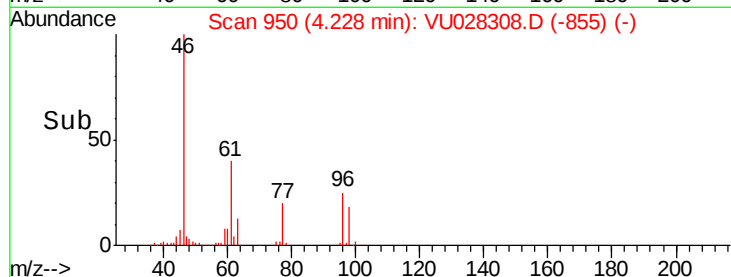
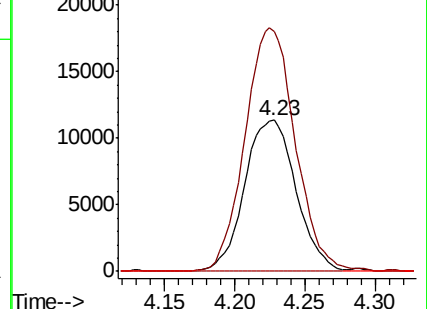
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU028308.D (-955) (-)

Ion 61.05 (60.75 to 61.75): VU028308.D (-955) (-)

Ion 68.15 (67.85 to 68.85): VU028308.D (-955) (-)



#34

Trichloroethene

Concen: 0.874 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028308.D

Acq: 21 Nov 2018 10:41

Tgt Ion: 95 Resp: 11426

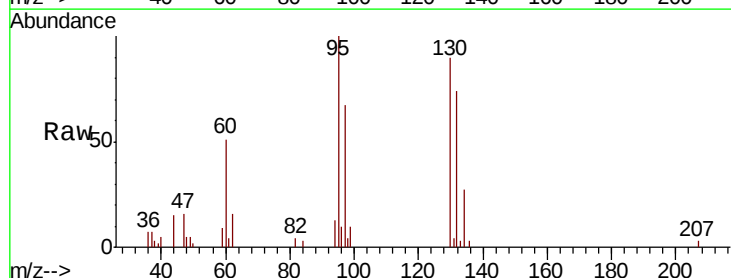
Ion Ratio Lower Upper

95 100

97 67.2 46.5 86.3

132 74.3 58.9 109.3

130 89.7 61.3 113.9

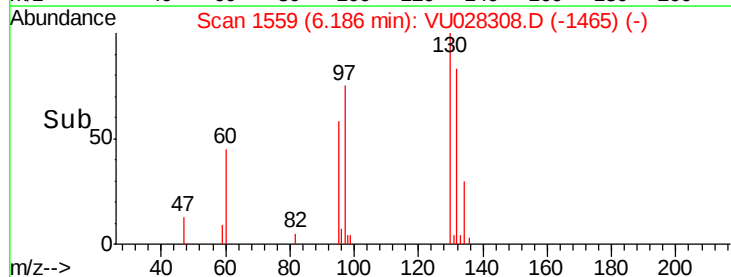
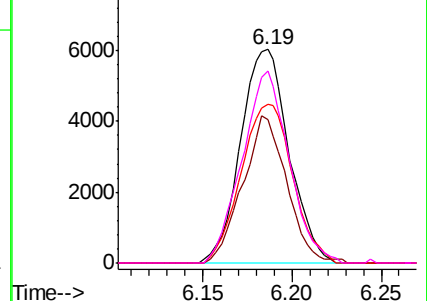


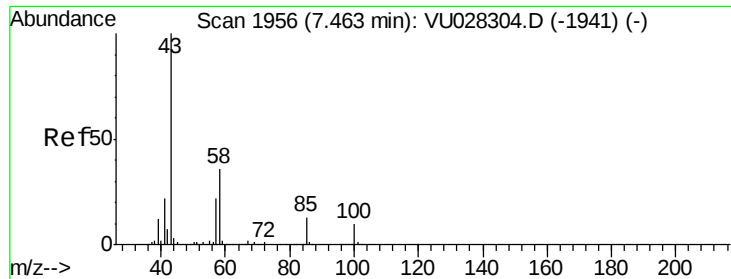
Abundance Ion 95.00 (94.70 to 95.70): VU028308.D (-1465) (-)

Ion 96.95 (96.65 to 97.65): VU028308.D (-1465) (-)

Ion 131.95 (131.65 to 132.65): VU028308.D (-1465) (-)

Ion 129.95 (129.65 to 130.65): VU028308.D (-1465) (-)





#40
 4-Methyl-2-pentanone
 Concen: 1.412 ug/L
 RT: 7.47 min Scan# 1958
 Delta R.T. 0.01 min
 Lab File: VU028308.D
 Acq: 21 Nov 2018 10:41

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP8

Tgt Ion: 43 Resp: 15379
 Ion Ratio Lower Upper
 43 100
 58 33.9 28.8 43.2
 100 0.0 8.0 12.0#

