

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026708.D
 Acq On : 12 Sep 2018 17:47
 Operator : MD/SY
 Sample : J4868-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q3

Quant Time: Sep 13 03:41:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 13 03:38:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	216663	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201158	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	91066	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59017	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.10%
7) Chloroethane-d5	1.68	69	52662	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.96%
11) 1,1-Dichloroethene-d2	2.27	63	85725	29.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.34%#
21) 2-Butanone-d5	4.18	46	111278	110.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.75%
24) Chloroform-d	4.65	84	117505	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
26) 1,2-Dichloroethane-d4	5.31	65	79318	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
32) Benzene-d6	5.34	84	239943	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
36) 1,2-Dichloropropane-d6	6.33	67	83475	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.56%
41) Toluene-d8	7.57	98	213606	43.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.46%
43) trans-1,3-Dichloropropene-	7.85	79	36130	44.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.96%
47) 2-Hexanone-d5	8.31	63	79310	111.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114743	47.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	85986	47.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.72%

Target Compounds

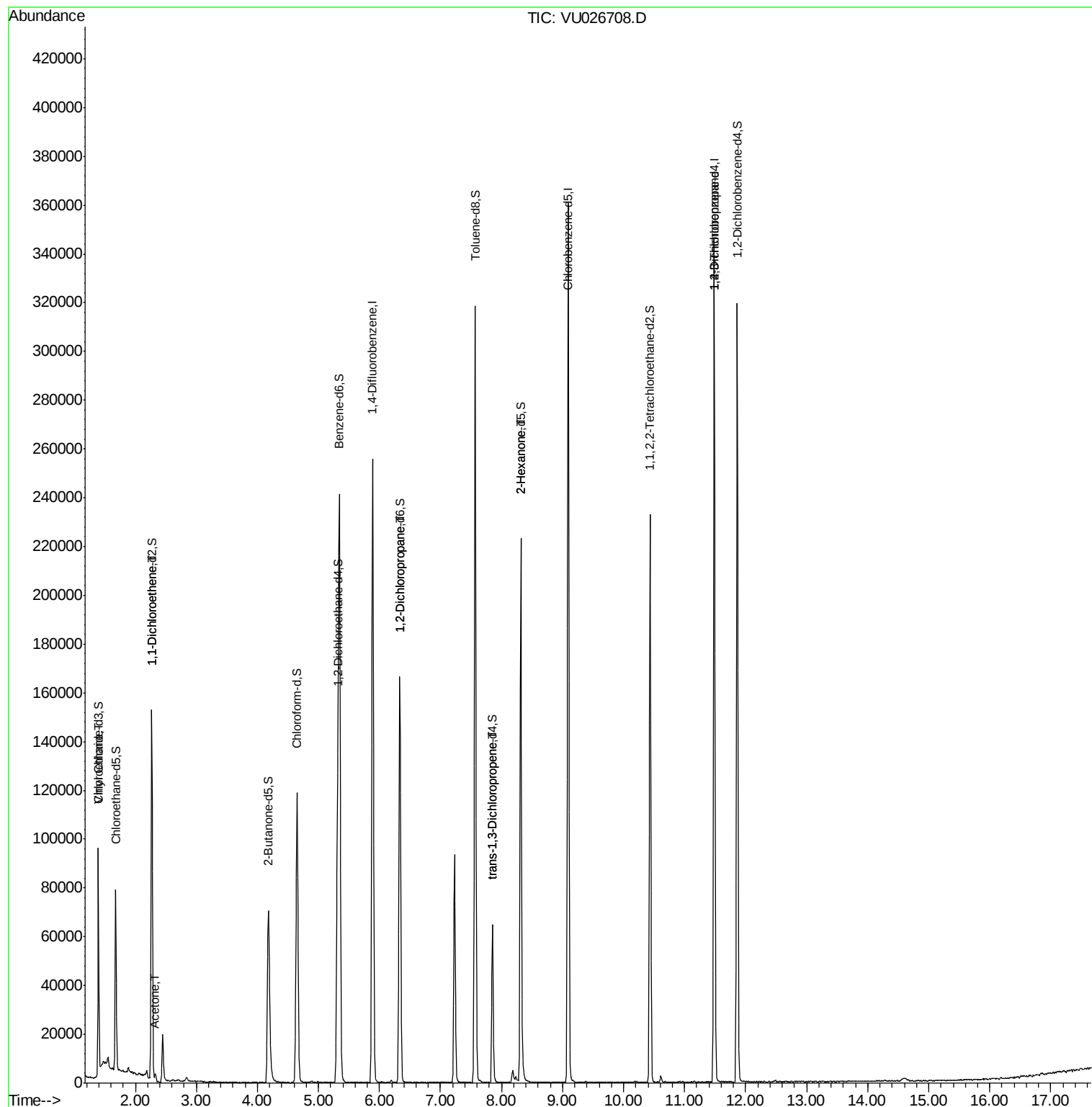
					Qvalue
8) Chloroethane	1.40	64	3745	3.260 ug/L #	42
12) 1,1-Dichloroethene	2.27	96	898	0.703 ug/L #	1
13) Acetone	2.32	43	2462	2.151 ug/L	95
37) 1,2-Dichloropropane	6.33	63	8726	5.545 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1571	0.725 ug/L #	60
48) 2-Hexanone	8.31	43	8674	5.118 ug/L #	66
59) 1,2,3-Trichloropropane	11.49	75	9870	5.301 ug/L #	88

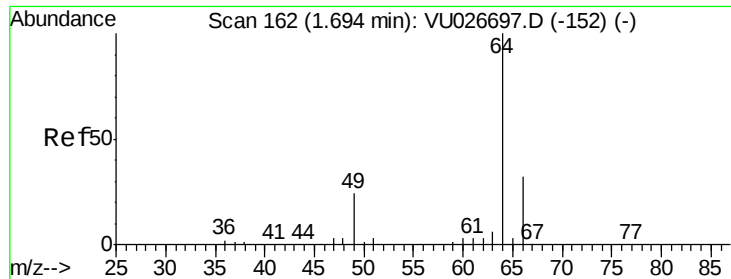
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DB3Q3

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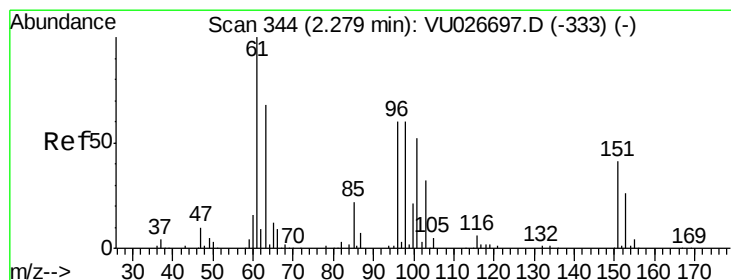
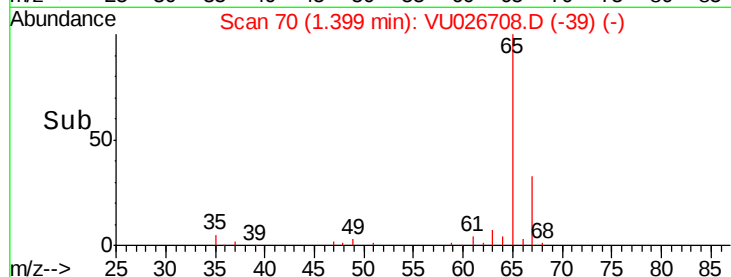
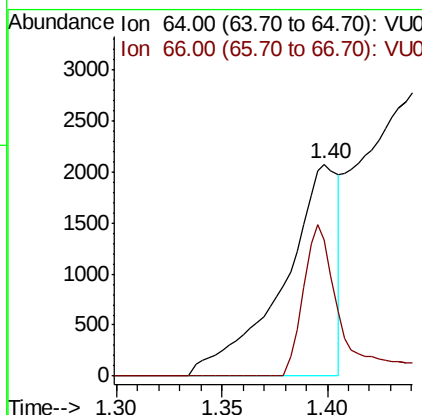
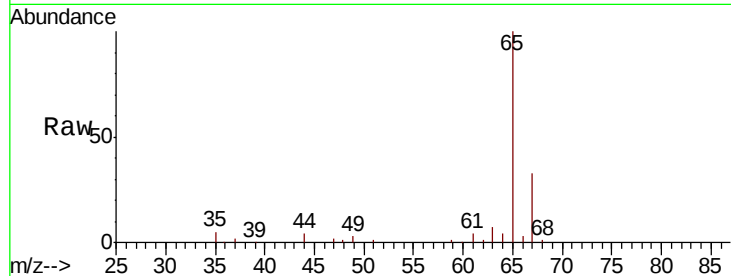




#8
 Chloroethane
 Concen: 3.260 ug/L
 RT: 1.40 min Scan# 70
 Delta R.T. -0.30 min
 Lab File: VU026708.D
 Acq: 12 Sep 2018 17:47

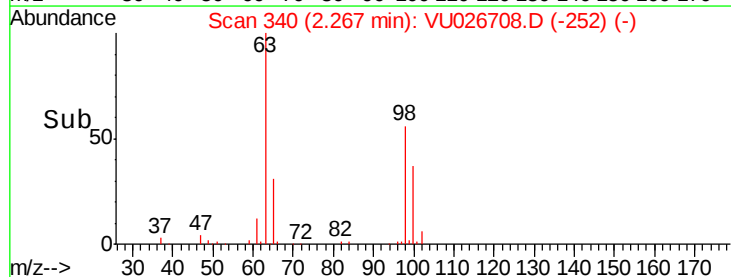
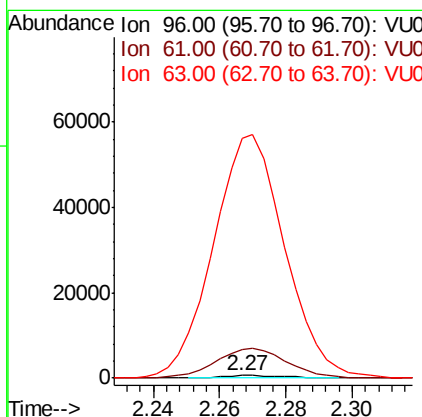
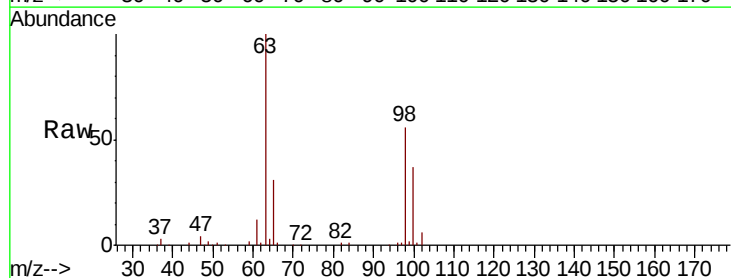
Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q3

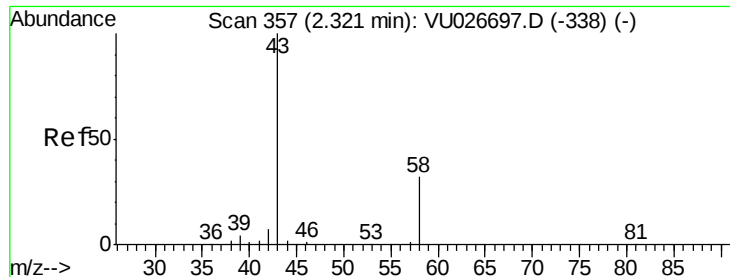
Tgt Ion: 64 Resp: 3745
 Ion Ratio Lower Upper
 64 100
 66 64.5 22.4 41.6#



#12
 1,1-Dichloroethene
 Concen: 0.703 ug/L
 RT: 2.27 min Scan# 340
 Delta R.T. -0.02 min
 Lab File: VU026708.D
 Acq: 12 Sep 2018 17:47

Tgt Ion: 96 Resp: 898
 Ion Ratio Lower Upper
 96 100
 61 1132.1 121.0 224.8#
 63 9632.8 89.9 166.9#





#13

Acetone

Concen: 2.151 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026708.D

Acq: 12 Sep 2018 17:47

Instrument :

MSVOA_U

ClientSampleId :

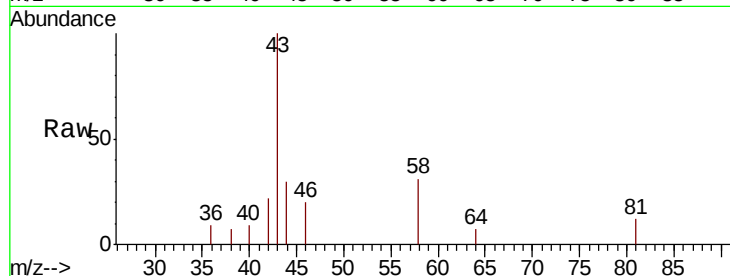
DB3Q3

Tgt Ion: 43 Resp: 2462

Ion Ratio Lower Upper

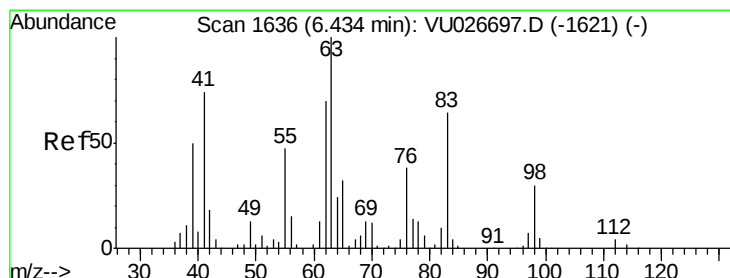
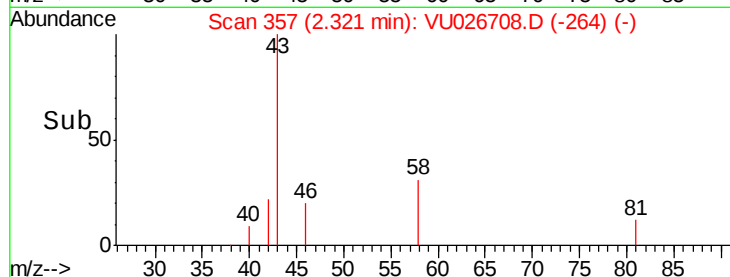
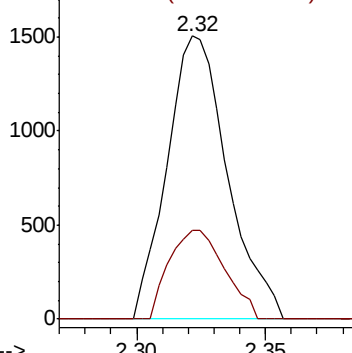
43 100

58 28.7 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.545 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026708.D

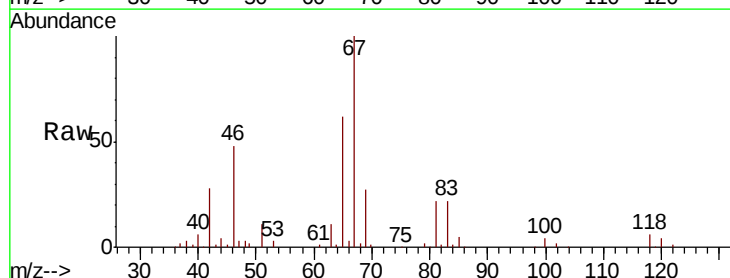
Acq: 12 Sep 2018 17:47

Tgt Ion: 63 Resp: 8726

Ion Ratio Lower Upper

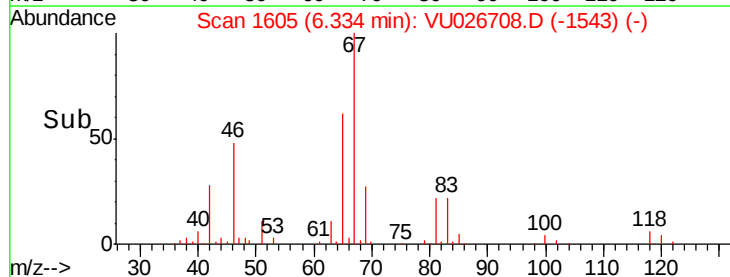
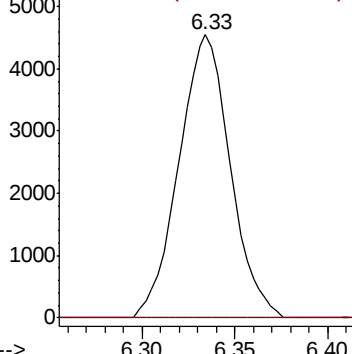
63 100

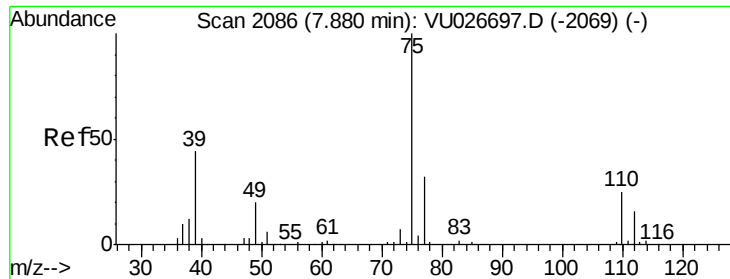
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.725 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026708.D

Acq: 12 Sep 2018 17:47

Instrument :

MSVOA_U

ClientSampled :

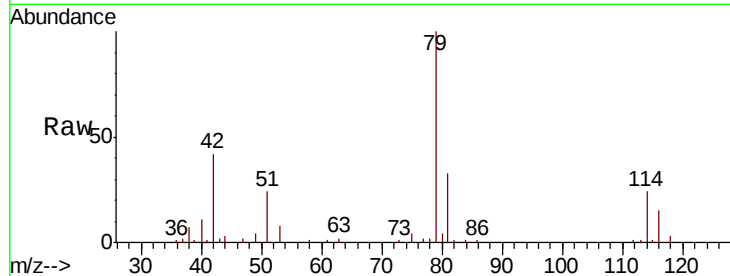
DB3Q3

Tgt Ion: 75 Resp: 1571

Ion Ratio Lower Upper

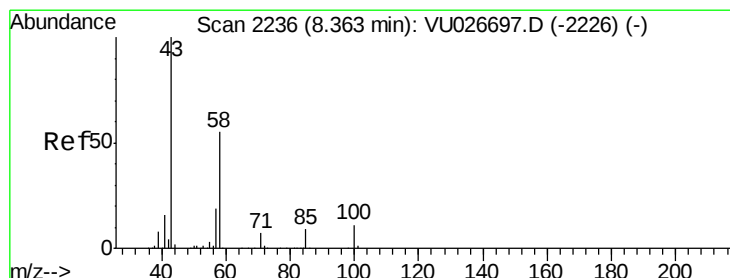
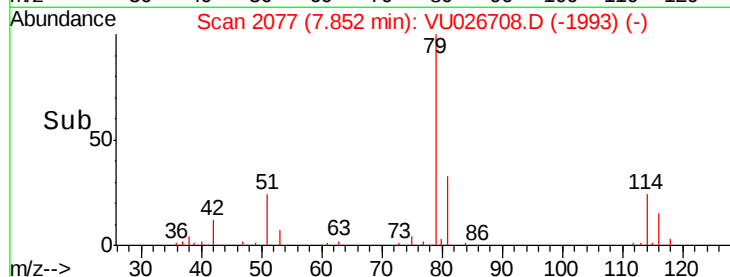
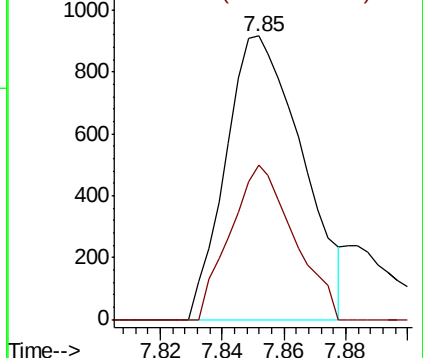
75 100

77 54.5 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#48

2-Hexanone

Concen: 5.118 ug/L

RT: 8.31 min Scan# 2221

Delta R.T. -0.05 min

Lab File: VU026708.D

Acq: 12 Sep 2018 17:47

Tgt Ion: 43 Resp: 8674

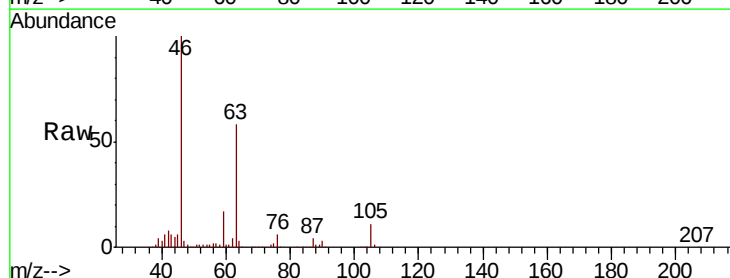
Ion Ratio Lower Upper

43 100

58 25.1 42.2 63.4#

57 26.9 14.4 21.6#

100 0.0 8.7 13.1#

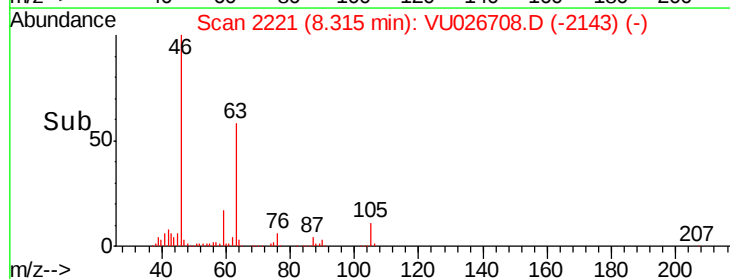
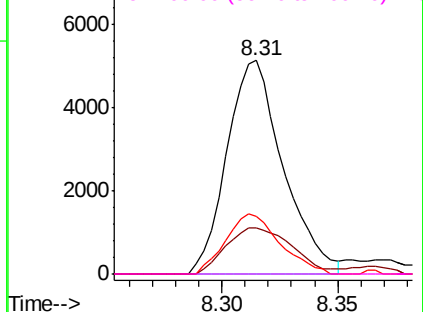


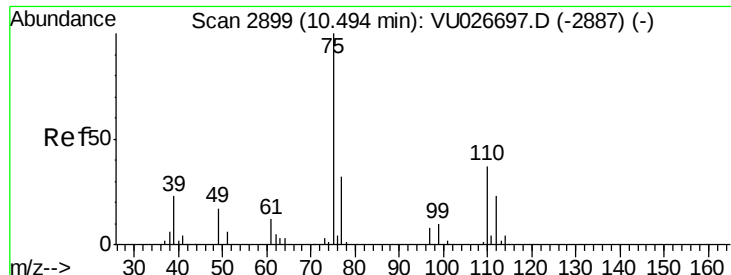
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59
 1,2,3-Trichloropropane
 Concen: 5.301 ug/L
 RT: 11.49 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026708.D
 Acq: 12 Sep 2018 17:47

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q3

Tgt Ion: 75 Resp: 9870
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.8 38.6#

