

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026704.D
 Acq On : 12 Sep 2018 16:08
 Operator : MD/SY
 Sample : J4860-01 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A41S8

Quant Time: Sep 13 03:40:37 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	239510	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	226345	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110099	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64576	36.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.36%
7) Chloroethane-d5	1.68	69	58986	41.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.02%
11) 1,1-Dichloroethene-d2	2.27	63	99149	31.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.08%
21) 2-Butanone-d5	4.18	46	120646	108.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.62%
24) Chloroform-d	4.65	84	129905	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
26) 1,2-Dichloroethane-d4	5.31	65	88144	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
32) Benzene-d6	5.34	84	264113	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
36) 1,2-Dichloropropane-d6	6.33	67	92682	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.30%
41) Toluene-d8	7.57	98	243066	44.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.44%
43) trans-1,3-Dichloropropene-	7.85	79	40793	44.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.26%
47) 2-Hexanone-d5	8.31	63	91375	113.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	130530	48.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	102913	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%

Target Compounds

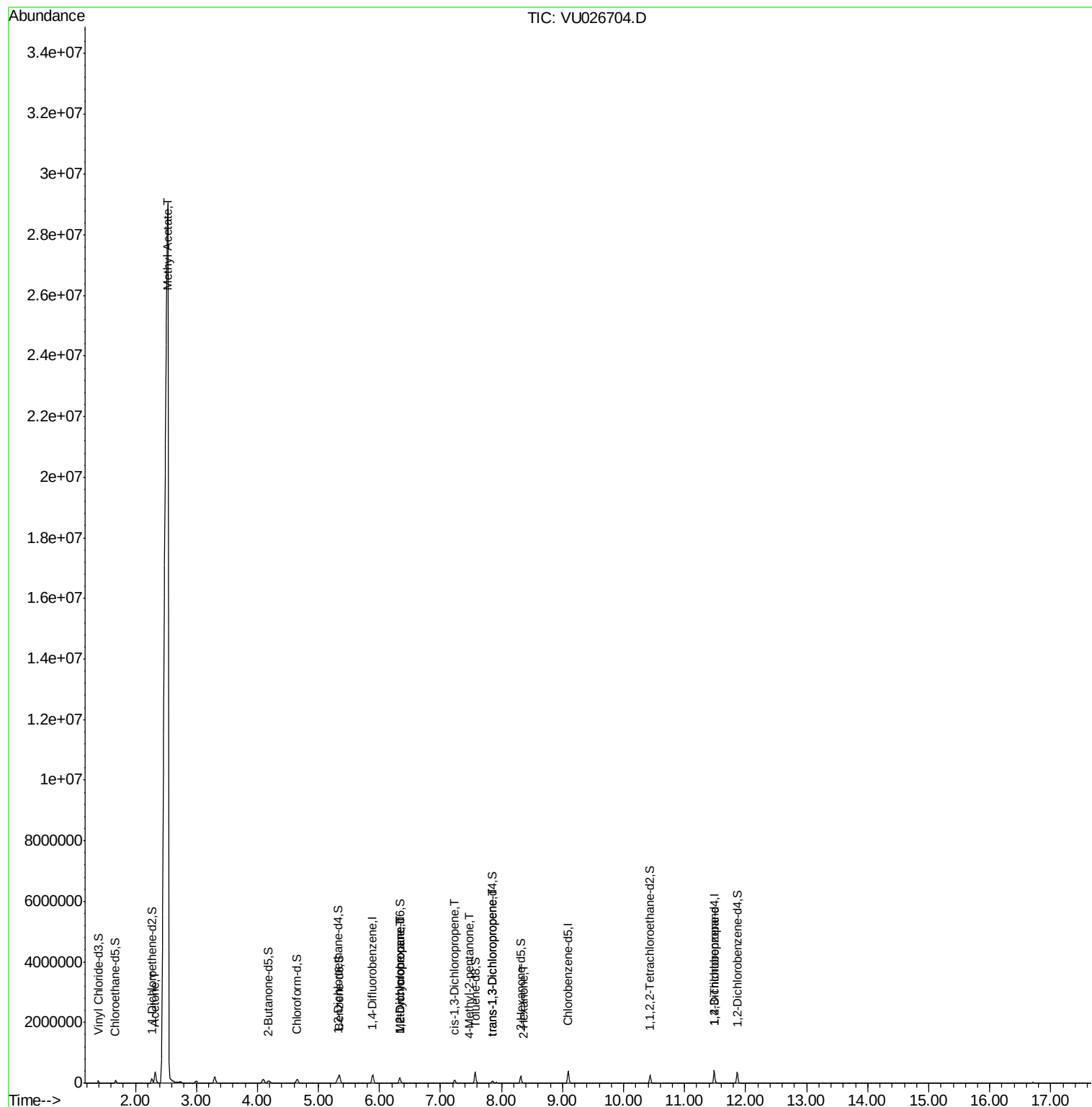
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.32	43	438733	346.813	ug/L	99
15) Methyl Acetate	2.53	43	16902597	9365.773	ug/L #	52
35) Methylcyclohexane	6.33	83	20755	8.230	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	9349	5.280	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2250	0.859	ug/L #	51
40) 4-Methyl-2-pentanone	7.47	43	1099	0.487	ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	1718	0.705	ug/L	92
48) 2-Hexanone	8.37	43	2027	1.063	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	12577	6.003	ug/L	89

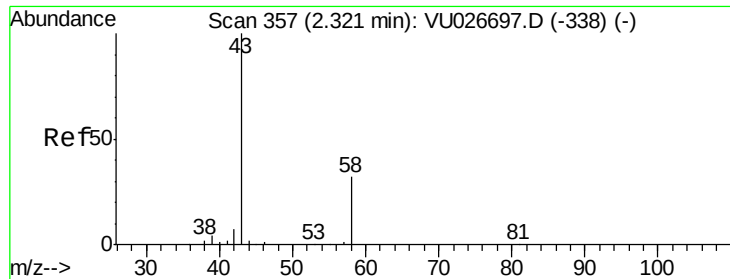
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
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Quant Title : VOC Analysis
QLast Update : Thu Sep 13 03:38:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 346.813 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026704.D

Acq: 12 Sep 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

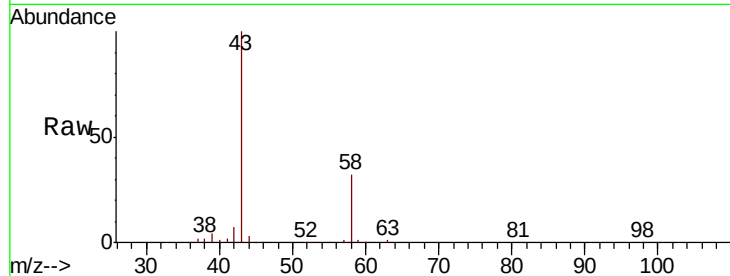
A41S8

Tgt Ion: 43 Resp: 438733

Ion Ratio Lower Upper

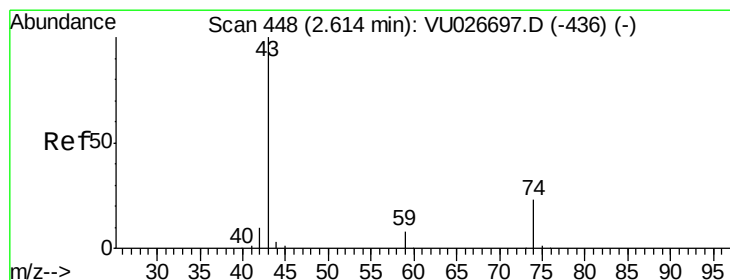
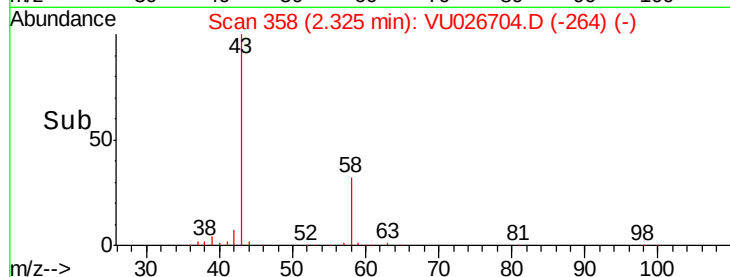
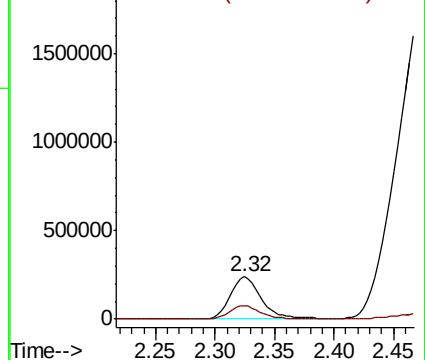
43 100

58 31.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 9365.773 ug/L

RT: 2.53 min Scan# 423

Delta R.T. -0.08 min

Lab File: VU026704.D

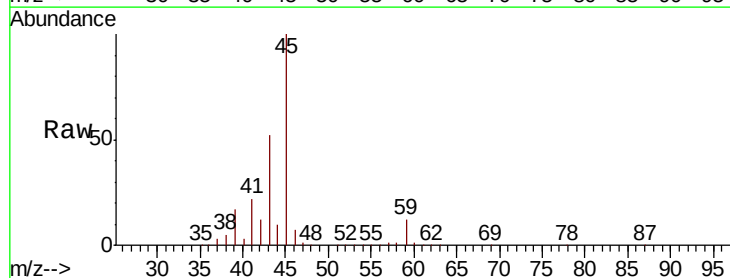
Acq: 12 Sep 2018 16:08

Tgt Ion: 43 Resp:16902597

Ion Ratio Lower Upper

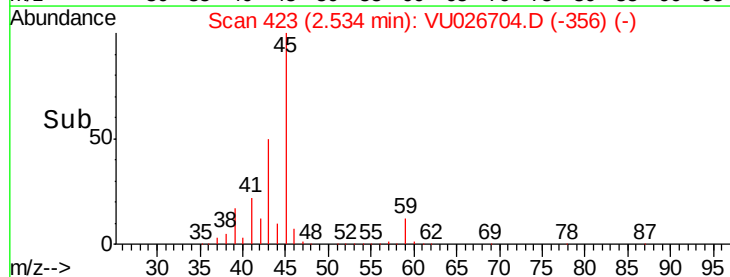
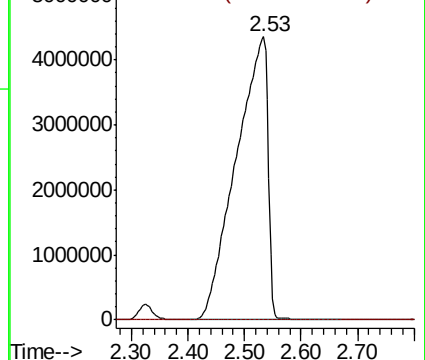
43 100

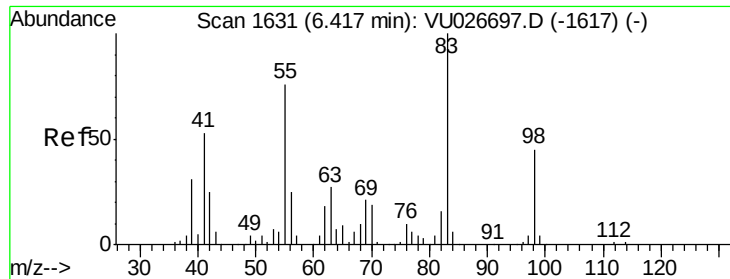
74 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

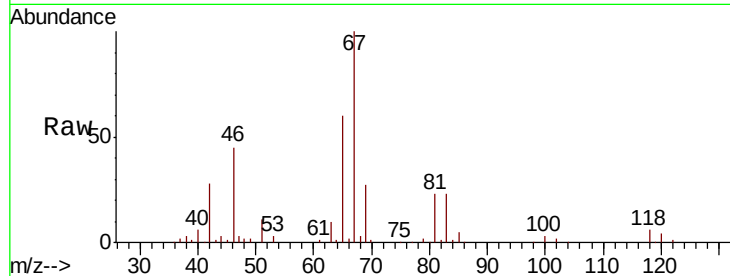




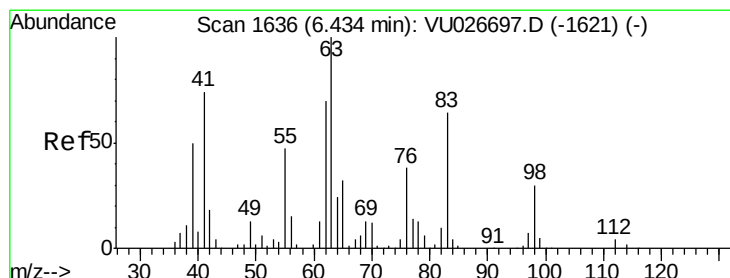
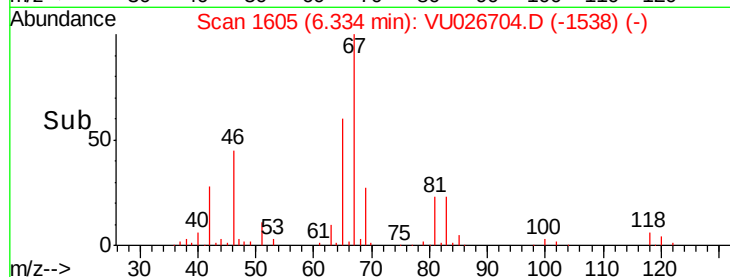
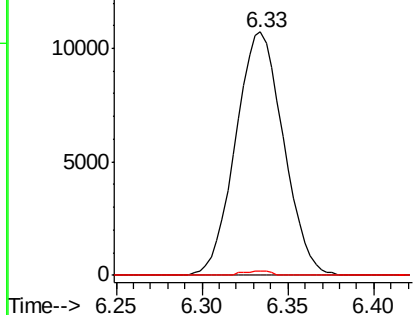
#35
Methylcyclohexane
Concen: 8.230 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026704.D
Acq: 12 Sep 2018 16:08

Instrument :
MSVOA_U
ClientSampleId :
A41S8

Tgt Ion: 83 Resp: 20755
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 1.0 37.0 55.4#

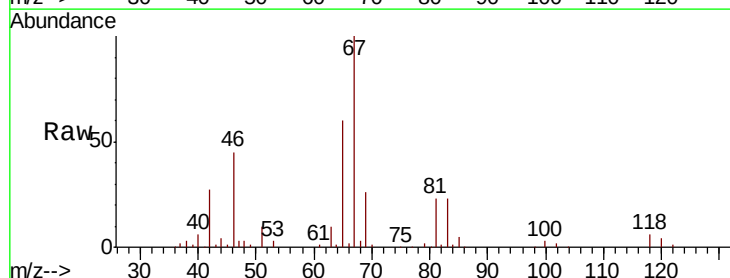


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

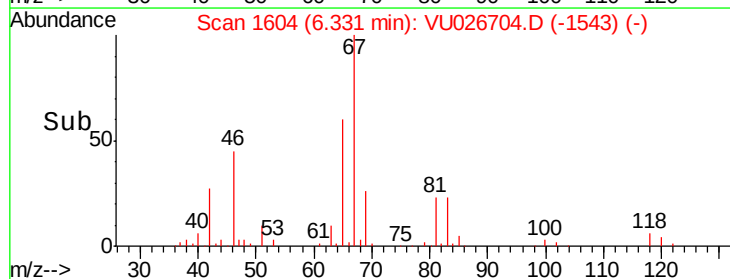
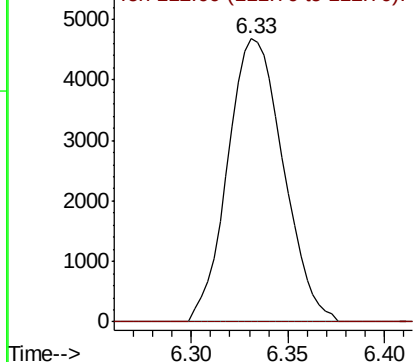


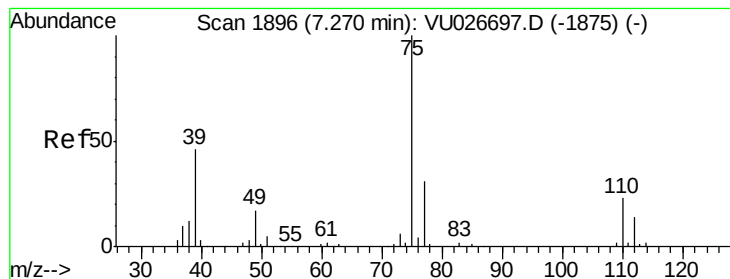
#37
1,2-Dichloropropane
Concen: 5.280 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026704.D
Acq: 12 Sep 2018 16:08

Tgt Ion: 63 Resp: 9349
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



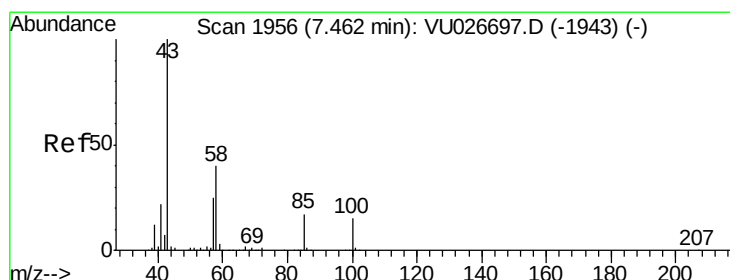
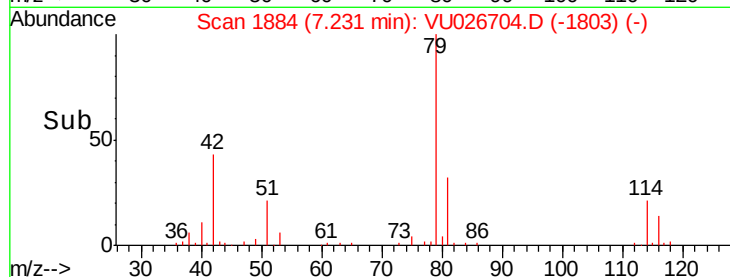
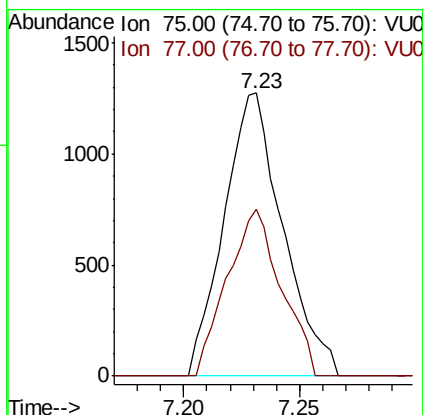
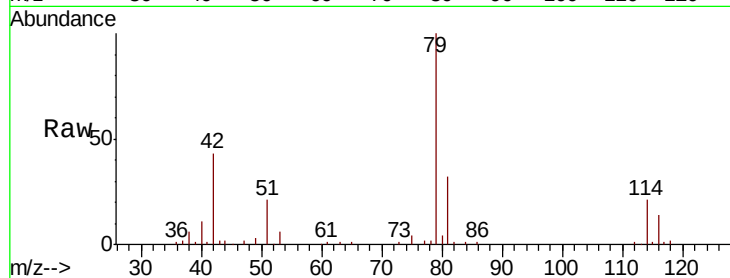


#39

cis-1,3-Dichloropropene
 Concen: 0.859 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026704.D
 Acq: 12 Sep 2018 16:08

Instrument :
 MSVOA_U
 ClientSampleId :
 A41S8

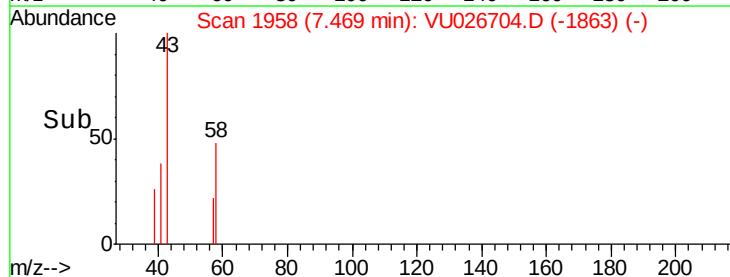
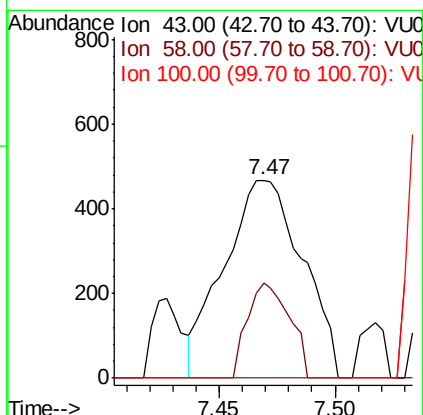
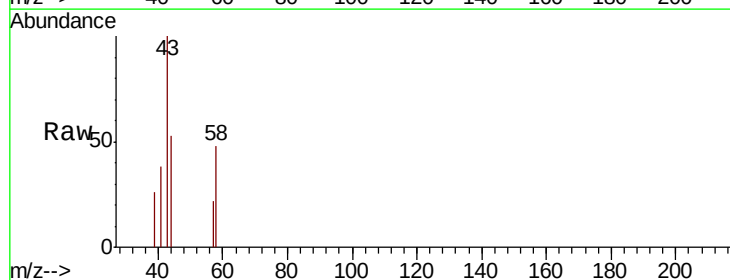
Tgt Ion: 75 Resp: 2250
 Ion Ratio Lower Upper
 75 100
 77 59.1 22.3 41.3#

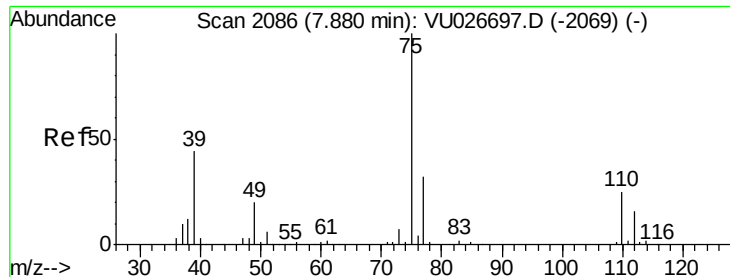


#40

4-Methyl-2-pentanone
 Concen: 0.487 ug/L
 RT: 7.47 min Scan# 1958
 Delta R.T. 0.01 min
 Lab File: VU026704.D
 Acq: 12 Sep 2018 16:08

Tgt Ion: 43 Resp: 1099
 Ion Ratio Lower Upper
 43 100
 58 25.8 31.1 46.7#
 100 0.0 11.3 16.9#





#44

trans-1,3-Dichloropropene

Concen: 0.705 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026704.D

Acq: 12 Sep 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

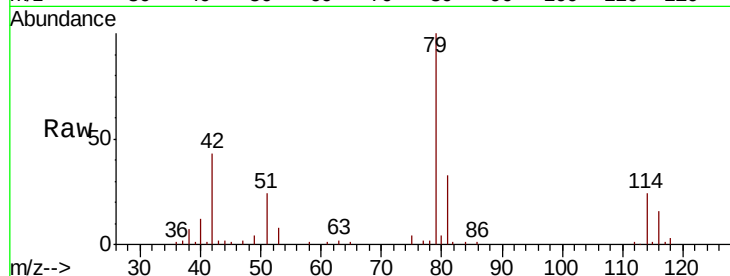
A41S8

Tgt Ion: 75 Resp: 1718

Ion Ratio Lower Upper

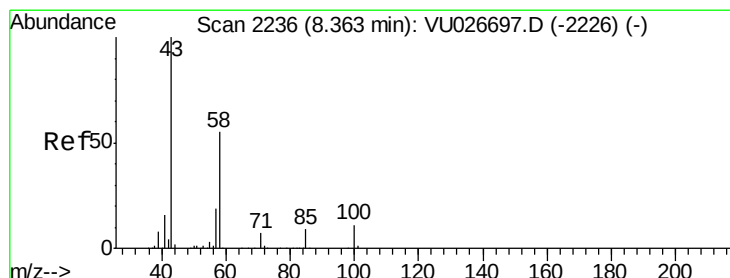
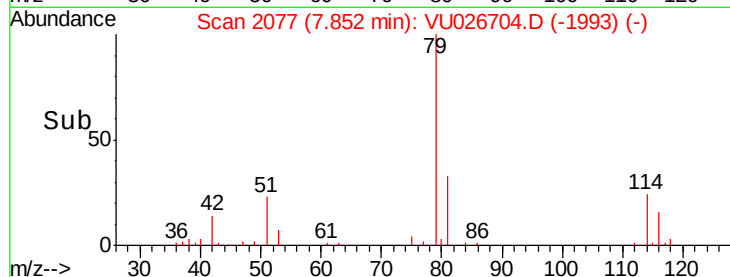
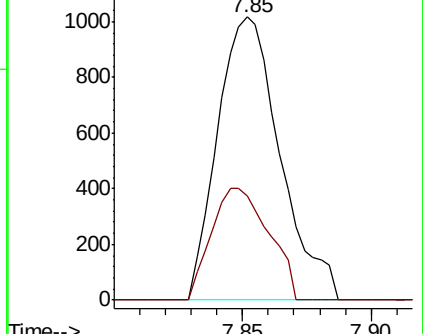
75 100

77 36.6 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: 1.063 ug/L

RT: 8.37 min Scan# 2238

Delta R.T. 0.01 min

Lab File: VU026704.D

Acq: 12 Sep 2018 16:08

Tgt Ion: 43 Resp: 2027

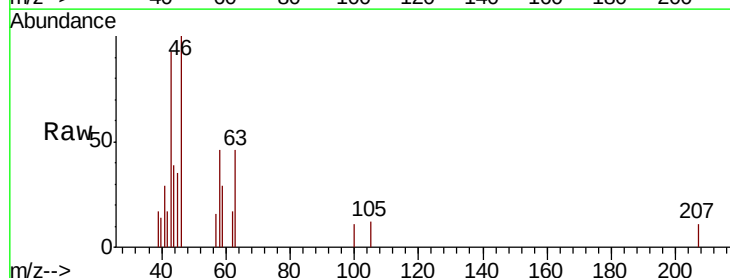
Ion Ratio Lower Upper

43 100

58 45.1 42.2 63.4

57 2.6 14.4 21.6#

100 3.1 8.7 13.1#

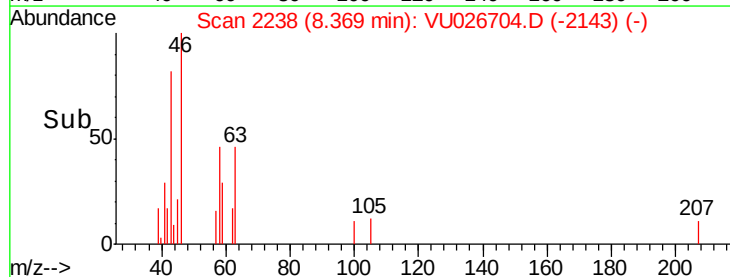
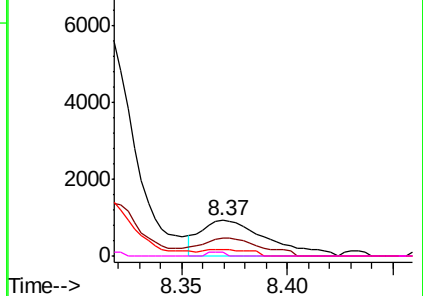


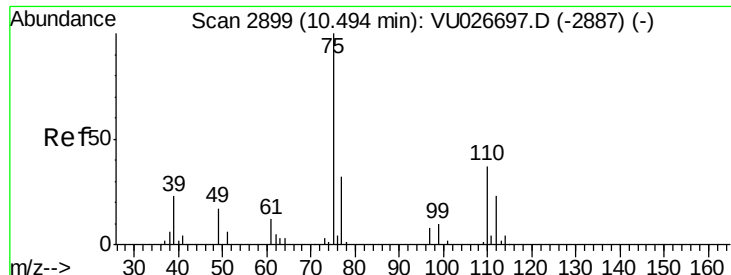
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 6.003 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026704.D
 Acq: 12 Sep 2018 16:08

Instrument :
 MSVOA_U
 ClientSampleId :
 A41S8

Tgt Ion: 75 Resp: 12577
 Ion Ratio Lower Upper
 75 100
 77 38.5 25.8 38.6

