

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026702.D
 Acq On : 12 Sep 2018 15:22
 Operator : MD/SY
 Sample : J4860-01 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A41S8

Quant Time: Sep 13 03:40:23 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	154780	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147867	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70257	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63429	54.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.98%
7) Chloroethane-d5	1.67	69	57184	61.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.04%
11) 1,1-Dichloroethene-d2	2.27	63	94689	45.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.74%
21) 2-Butanone-d5	4.19	46	129292	180.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	180.13%#
24) Chloroform-d	4.66	84	116944	60.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.96%
26) 1,2-Dichloroethane-d4	5.31	65	84094	67.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	134.00%#
32) Benzene-d6	5.34	84	258772	67.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	135.24%#
36) 1,2-Dichloropropane-d6	6.33	67	88036	68.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	137.10%#
41) Toluene-d8	7.57	98	237390	66.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	132.22%#
43) trans-1,3-Dichloropropene-	7.85	79	40740	68.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	136.46%#
47) 2-Hexanone-d5	8.31	63	100730	192.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	192.24%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	135462	77.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	154.08%#
64) 1,2-Dichlorobenzene-d4	11.86	152	101014	72.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	144.24%#

Target Compounds

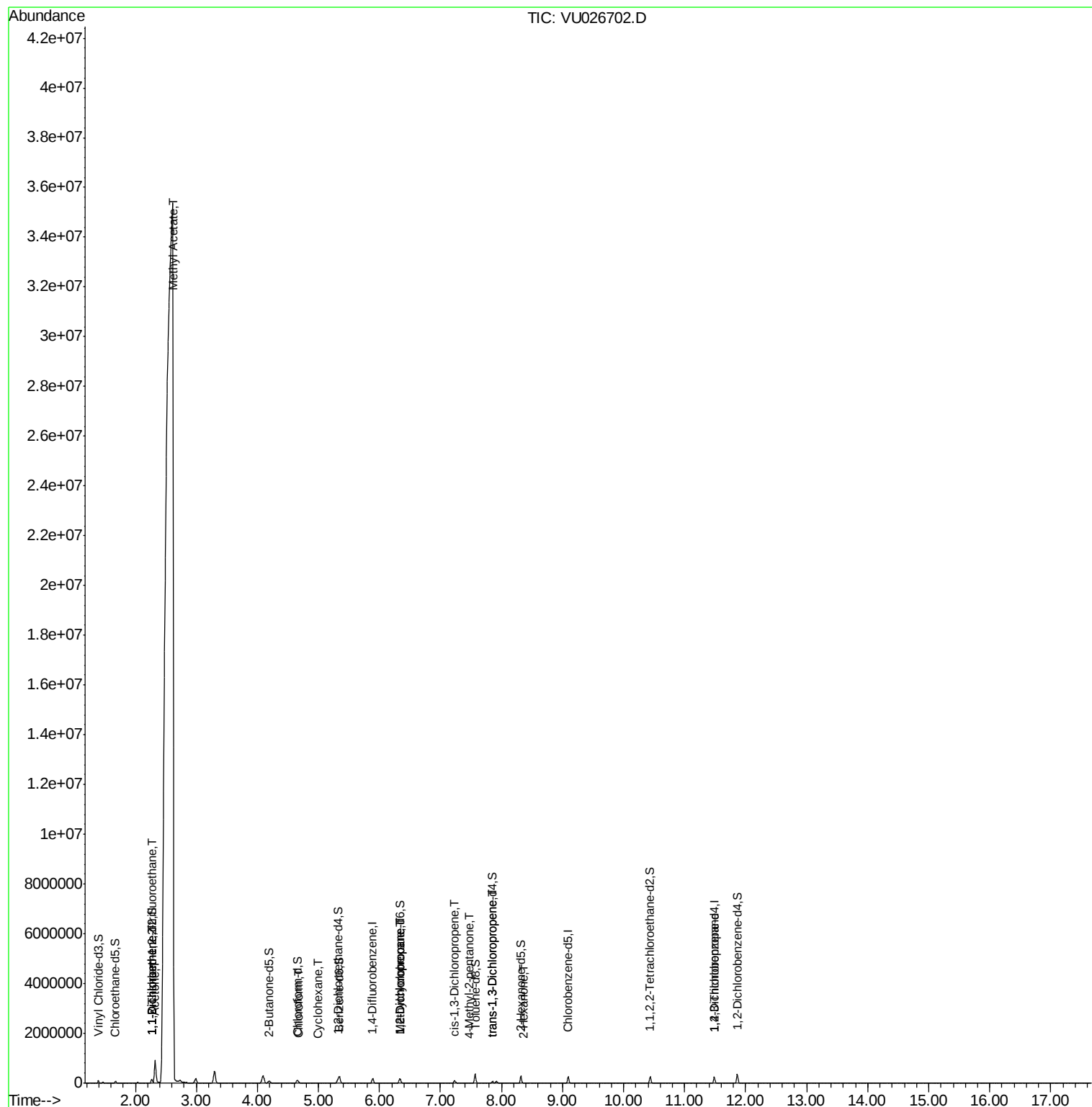
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	834	0.878	ug/L #	18
12) 1,1-Dichloroethene	2.26	96	745	0.816	ug/L #	1
13) Acetone	2.32	43	1082302	1323.891	ug/L	98
15) Methyl Acetate	2.61	43	45167414	38727.924	ug/L #	52
25) Chloroform	4.69	83	2569	1.363	ug/L	97
29) Cyclohexane	4.99	56	2070	1.278	ug/L	98
35) Methylcyclohexane	6.33	83	19682	11.947	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	9043	7.817	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2320	1.355	ug/L #	53
40) 4-Methyl-2-pentanone	7.47	43	1836	1.244	ug/L #	92
44) trans-1,3-Dichloropropene	7.85	75	1593	1.000	ug/L #	78
48) 2-Hexanone	8.37	43	3760	3.018	ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	8172	5.971	ug/L	89

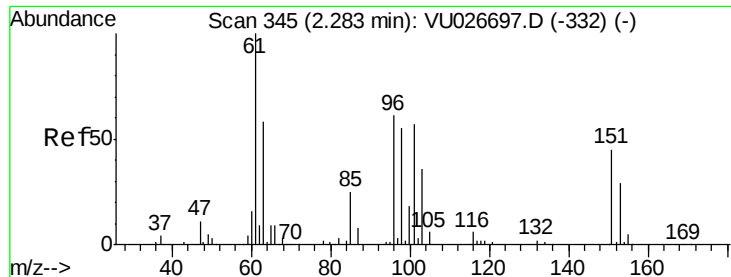
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 13 03:38:50 2018
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.878 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026702.D

Acq: 12 Sep 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

A41S8

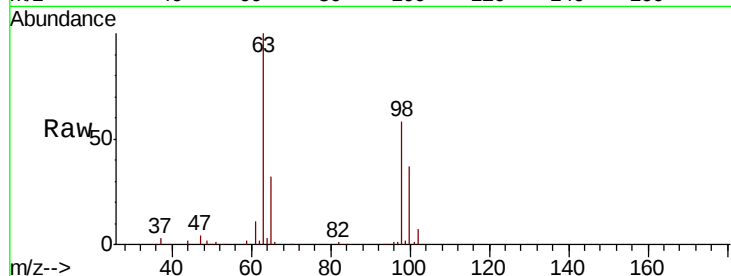
Tgt Ion: 101 Resp: 834

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

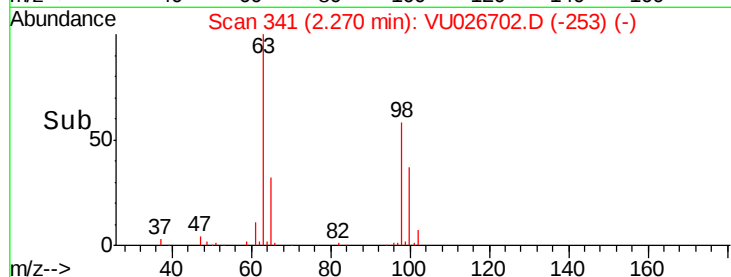
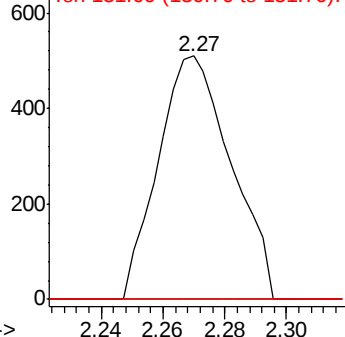
151 0.0 62.6 94.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.816 ug/L

RT: 2.26 min Scan# 339

Delta R.T. -0.02 min

Lab File: VU026702.D

Acq: 12 Sep 2018 15:22

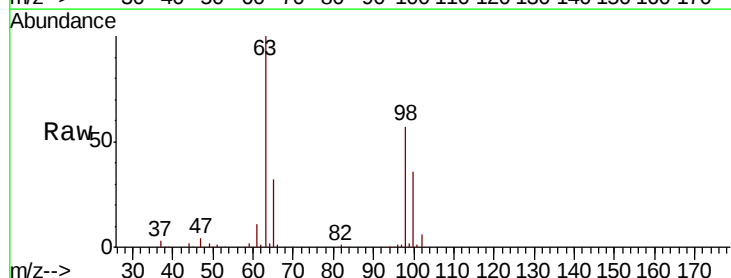
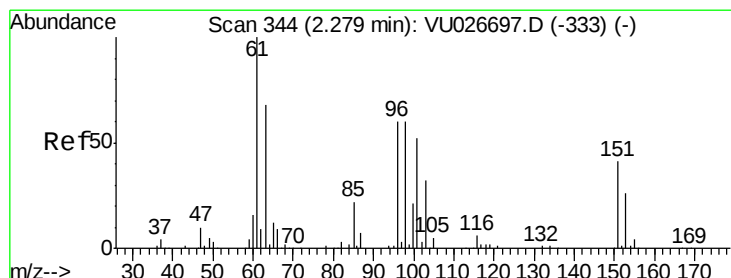
Tgt Ion: 96 Resp: 745

Ion Ratio Lower Upper

96 100

61 1272.6 121.0 224.8#

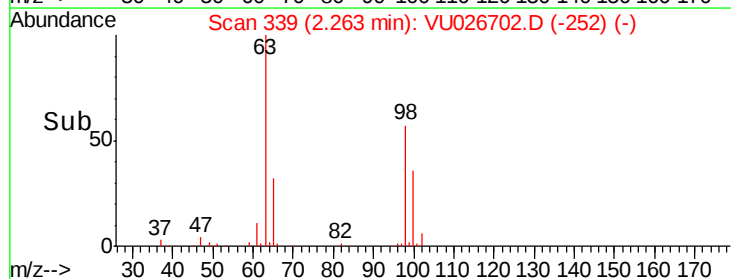
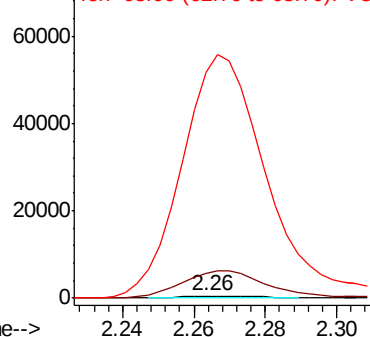
63 11815.5 89.9 166.9#

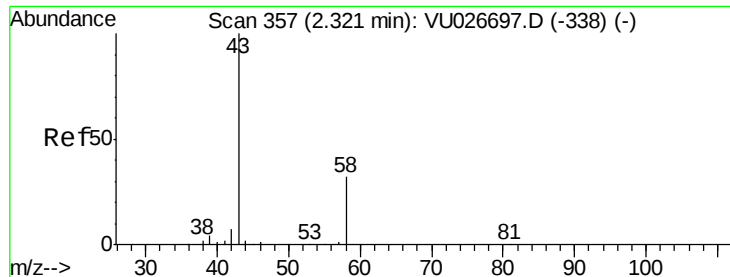


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1323.891 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026702.D

Acq: 12 Sep 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

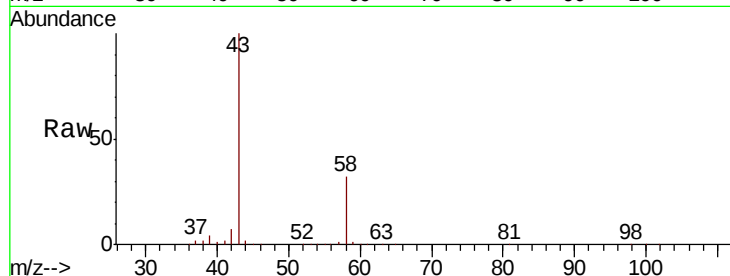
A41S8

Tgt Ion: 43 Resp: 1082302

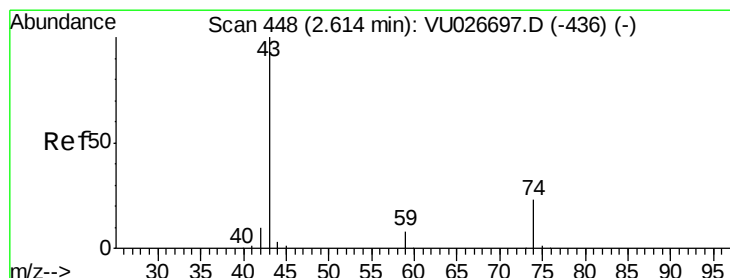
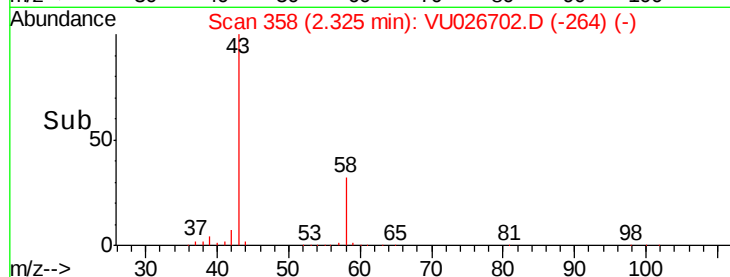
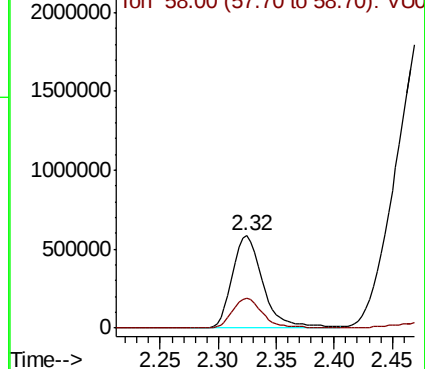
Ion Ratio Lower Upper

43 100

58 32.3 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU026702.D (-264) (-)



#15

Methyl Acetate

Concen: 38727.924 ug/L

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU026702.D

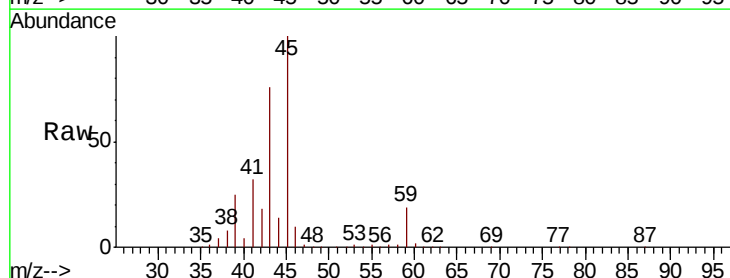
Acq: 12 Sep 2018 15:22

Tgt Ion: 43 Resp: 45167414

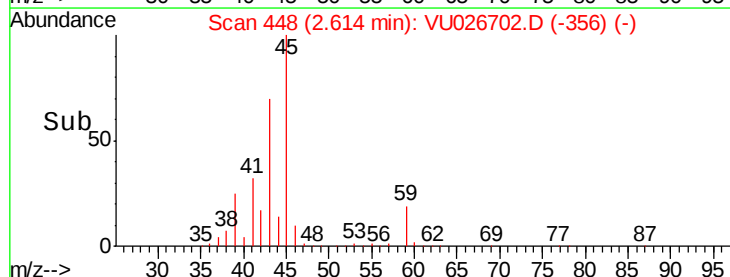
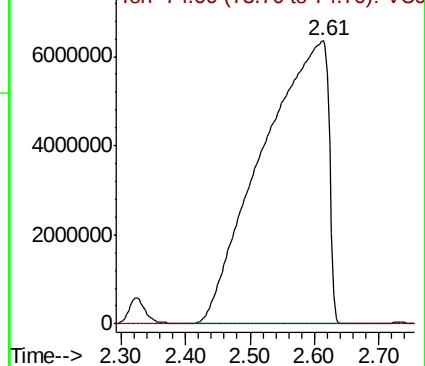
Ion Ratio Lower Upper

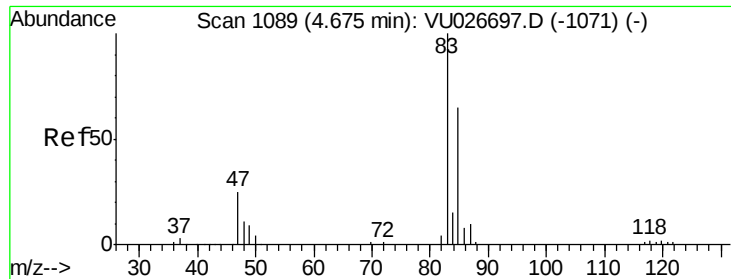
43 100

74 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VU026702.D (-356) (-)

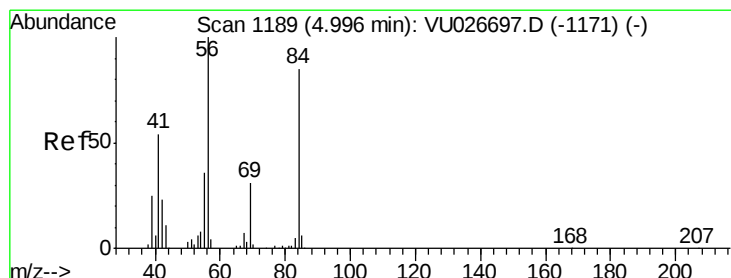
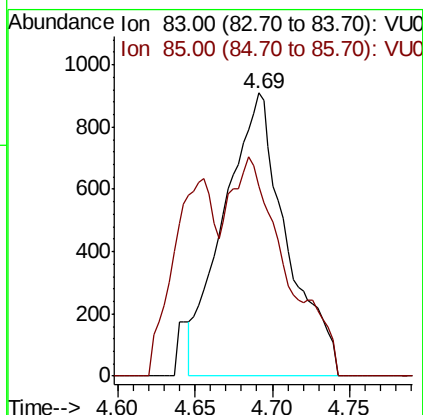
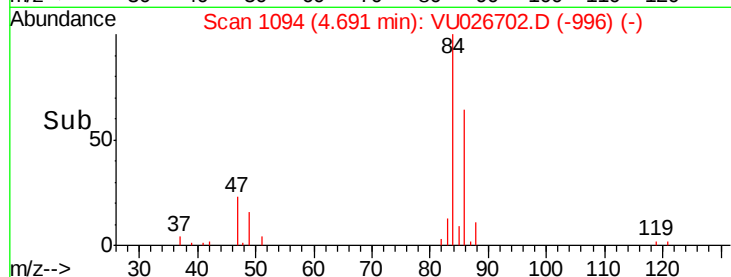
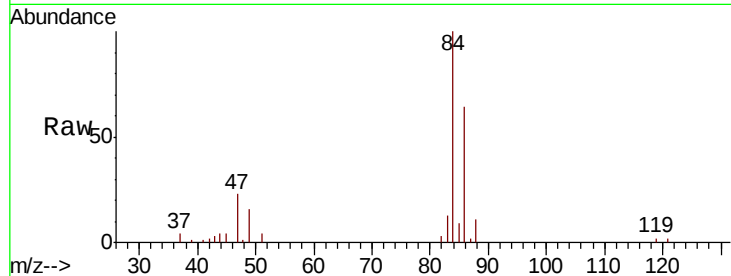




#25
Chloroform
Concen: 1.363 ug/L
RT: 4.69 min Scan# 1094
Delta R.T. 0.02 min
Lab File: VU026702.D
Acq: 12 Sep 2018 15:22

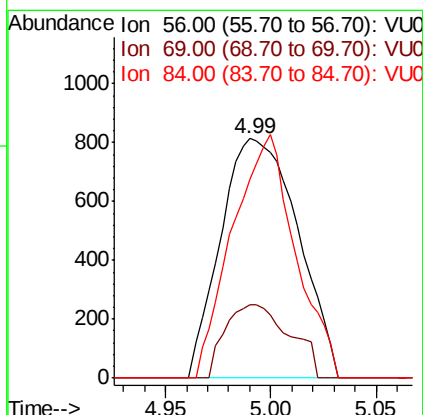
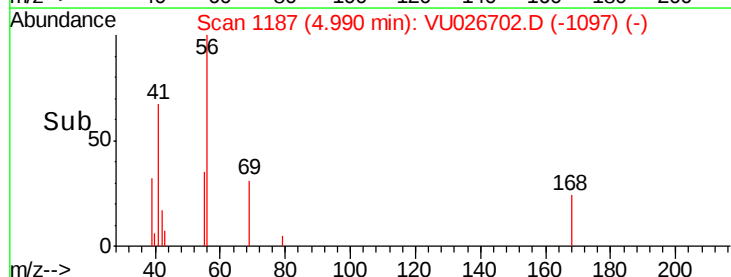
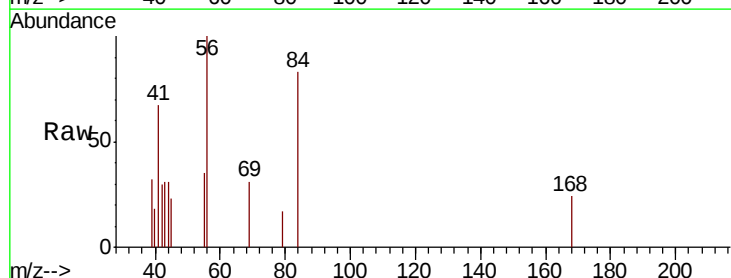
Instrument :
MSVOA_U
ClientSampleId :
A41S8

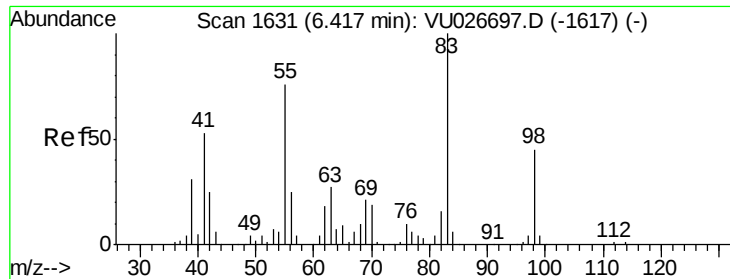
Tgt Ion: 83 Resp: 2569
Ion Ratio Lower Upper
83 100
85 67.1 45.6 84.6



#29
Cyclohexane
Concen: 1.278 ug/L
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU026702.D
Acq: 12 Sep 2018 15:22

Tgt Ion: 56 Resp: 2070
Ion Ratio Lower Upper
56 100
69 24.2 23.0 34.6
84 83.0 66.5 99.7

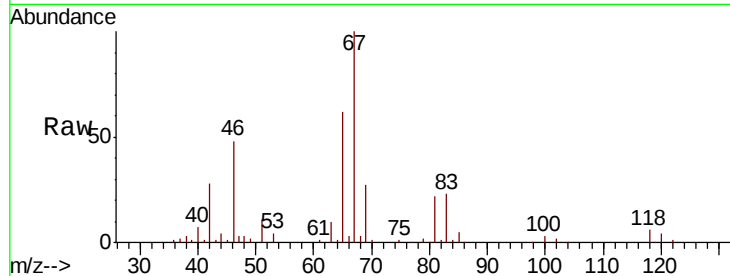




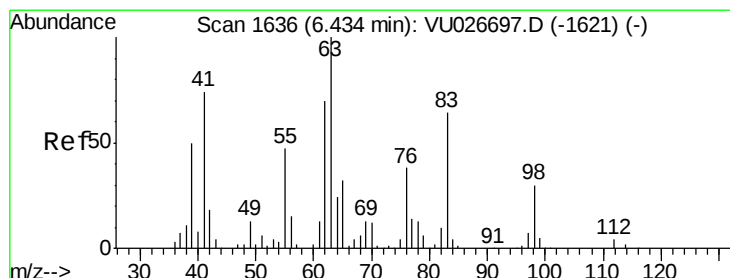
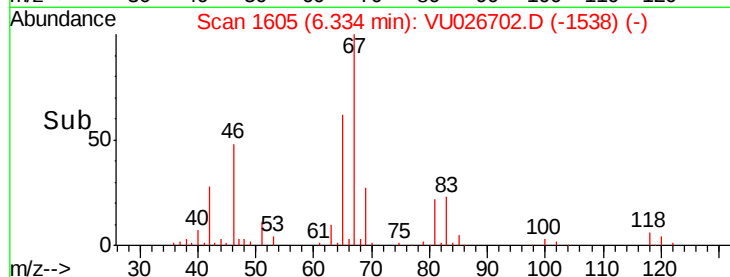
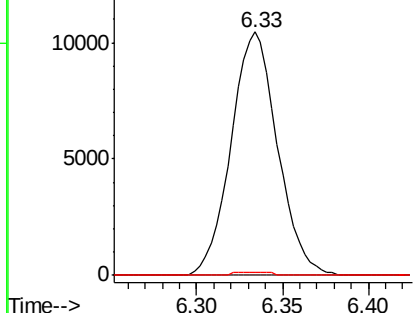
#35
Methylcyclohexane
Concen: 11.947 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026702.D
Acq: 12 Sep 2018 15:22

Instrument :
MSVOA_U
ClientSampleId :
A41S8

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.5	37.0	55.4#

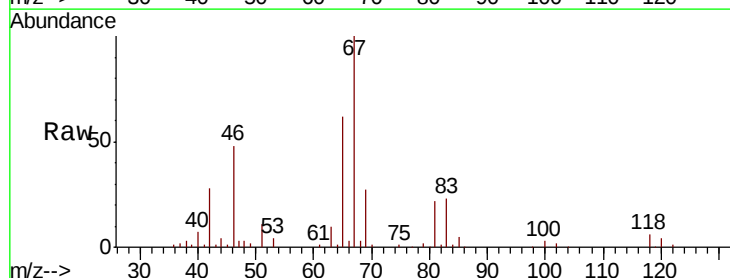


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

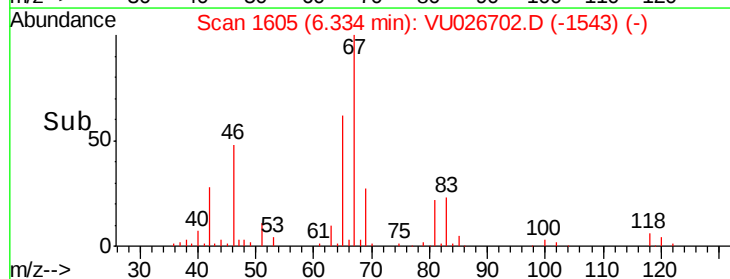
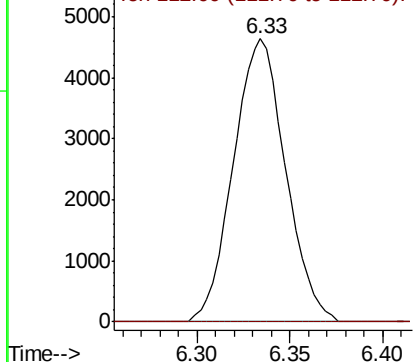


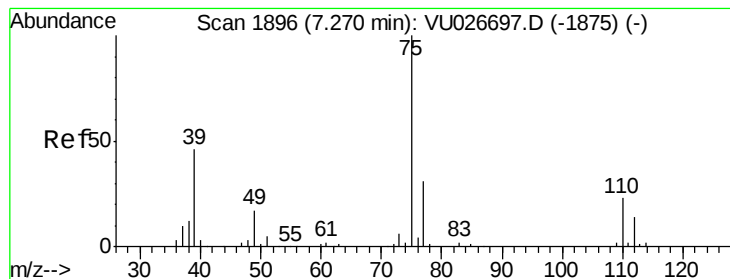
#37
1,2-Dichloropropane
Concen: 7.817 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026702.D
Acq: 12 Sep 2018 15:22

Tgt 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



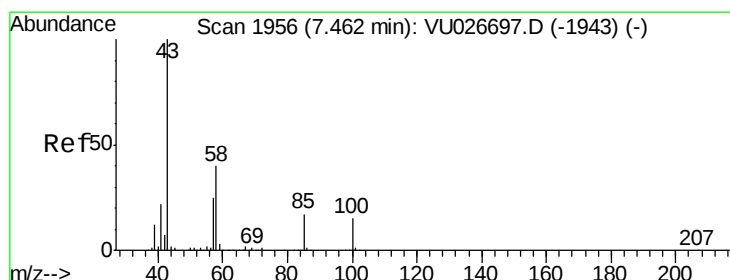
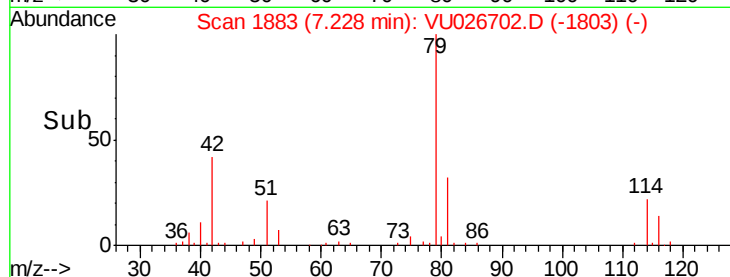
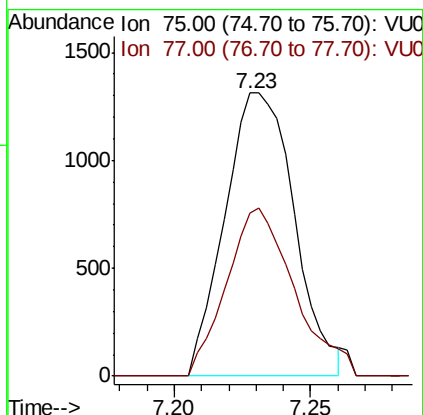
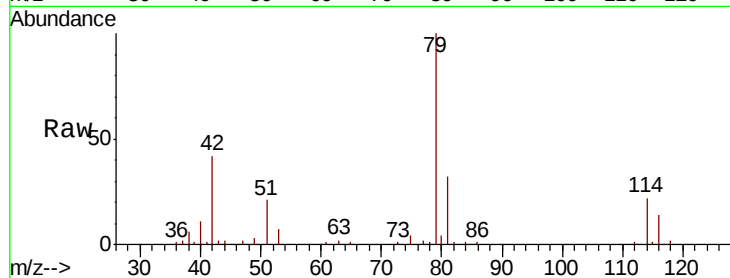


#39

cis-1,3-Dichloropropene
Concen: 1.355 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026702.D
Acq: 12 Sep 2018 15:22

Instrument :
MSVOA_U
ClientSampled :
A41S8

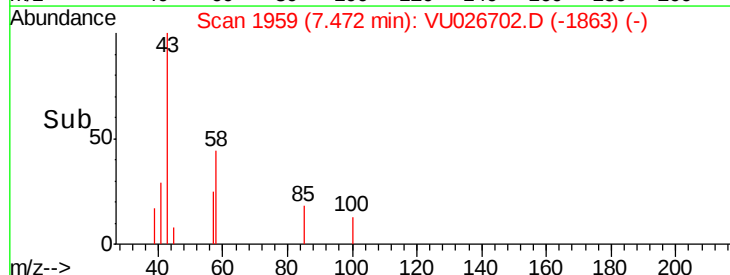
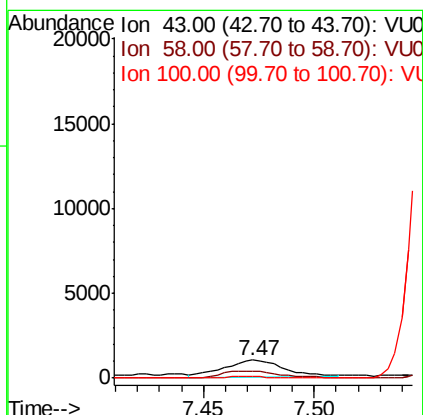
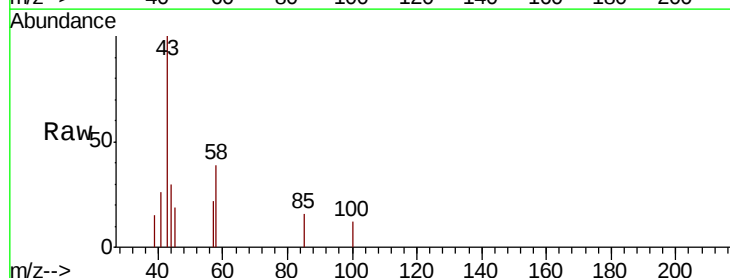
Tgt Ion: 75 Resp: 2320
Ion Ratio Lower Upper
75 100
77 57.8 22.3 41.3#

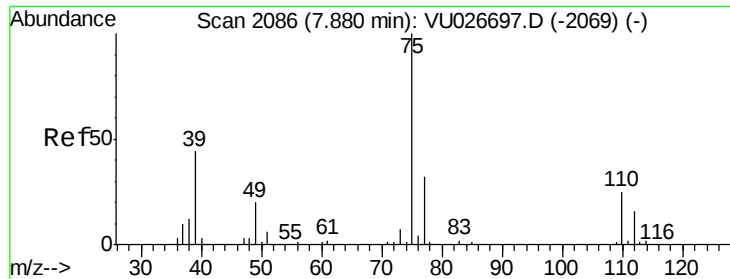


#40

4-Methyl-2-pentanone
Concen: 1.244 ug/L
RT: 7.47 min Scan# 1959
Delta R.T. 0.01 min
Lab File: VU026702.D
Acq: 12 Sep 2018 15:22

Tgt Ion: 43 Resp: 1836
Ion Ratio Lower Upper
43 100
58 41.6 31.1 46.7
100 6.2 11.3 16.9#





#44

trans-1,3-Dichloropropene

Concen: 1.000 ug/L

RT: 7.85 min Scan# 2078

Delta R.T. -0.03 min

Lab File: VU026702.D

Acq: 12 Sep 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

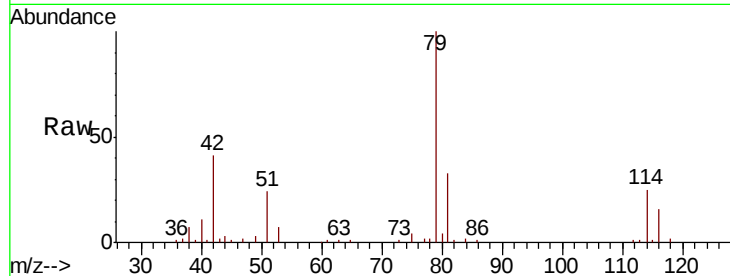
A41S8

Tgt Ion: 75 Resp: 1593

Ion Ratio Lower Upper

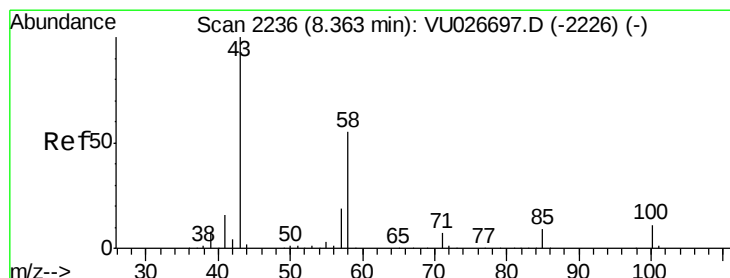
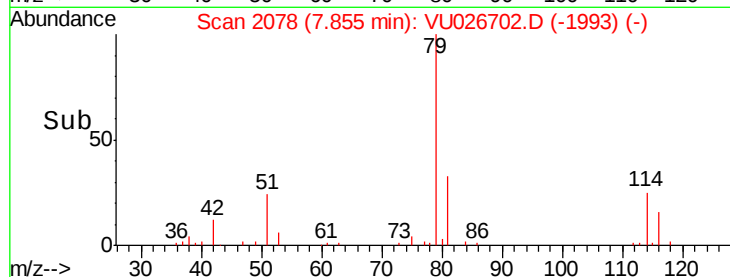
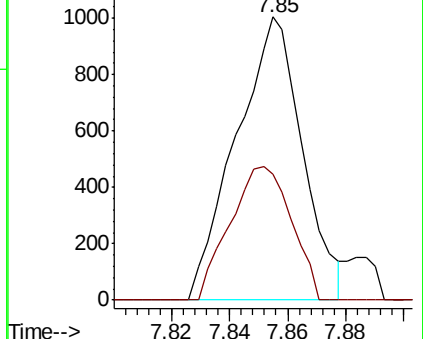
75 100

77 44.3 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: 3.018 ug/L

RT: 8.37 min Scan# 2239

Delta R.T. 0.01 min

Lab File: VU026702.D

Acq: 12 Sep 2018 15:22

Tgt Ion: 43 Resp: 3760

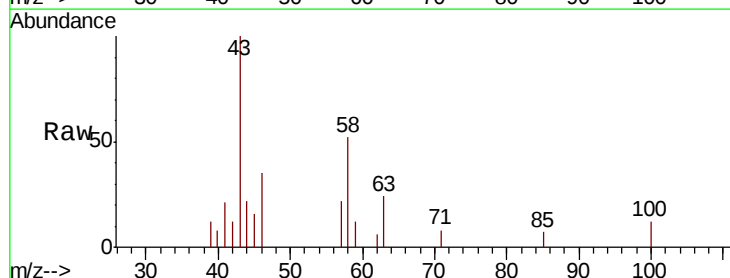
Ion Ratio Lower Upper

43 100

58 54.3 42.2 63.4

57 23.0 14.4 21.6#

100 8.4 8.7 13.1#

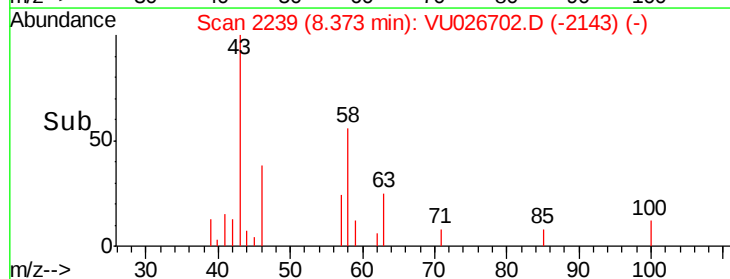
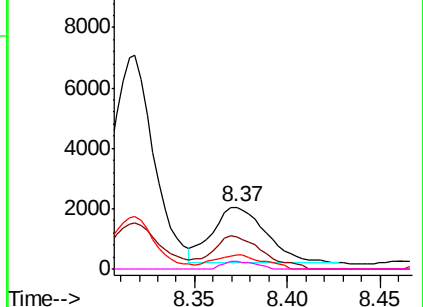


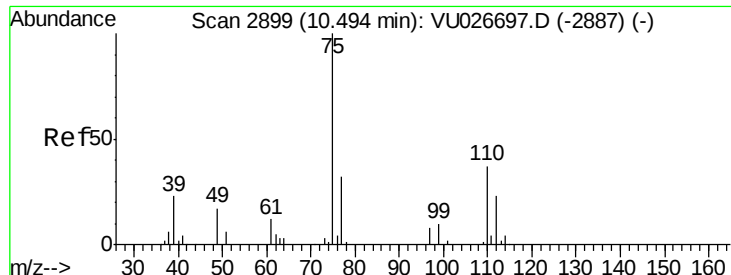
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 5.971 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026702.D

Acq: 12 Sep 2018 15:22

Instrument :

MSVOA_U

ClientSampleId :

A41S8

Tgt Ion: 75 Resp: 8172

Ion Ratio Lower Upper

75 100

77 38.5 25.8 38.6

