

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026716.D
 Acq On : 12 Sep 2018 20:54
 Operator : MD/SY
 Sample : J4868-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q5

Quant Time: Sep 13 03:41:54 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	196520	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180756	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	78885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54991	37.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.10%
7) Chloroethane-d5	1.68	69	48972	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.27	63	79646	30.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.78%
21) 2-Butanone-d5	4.18	46	108985	119.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.59%
24) Chloroform-d	4.65	84	111179	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.31	65	74637	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.66%
32) Benzene-d6	5.34	84	219842	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.33	67	77817	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.14%
41) Toluene-d8	7.57	98	196021	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%
43) trans-1,3-Dichloropropene-	7.85	79	33689	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.31	63	77896	121.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110691	51.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	77883	49.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.06%

Target Compounds

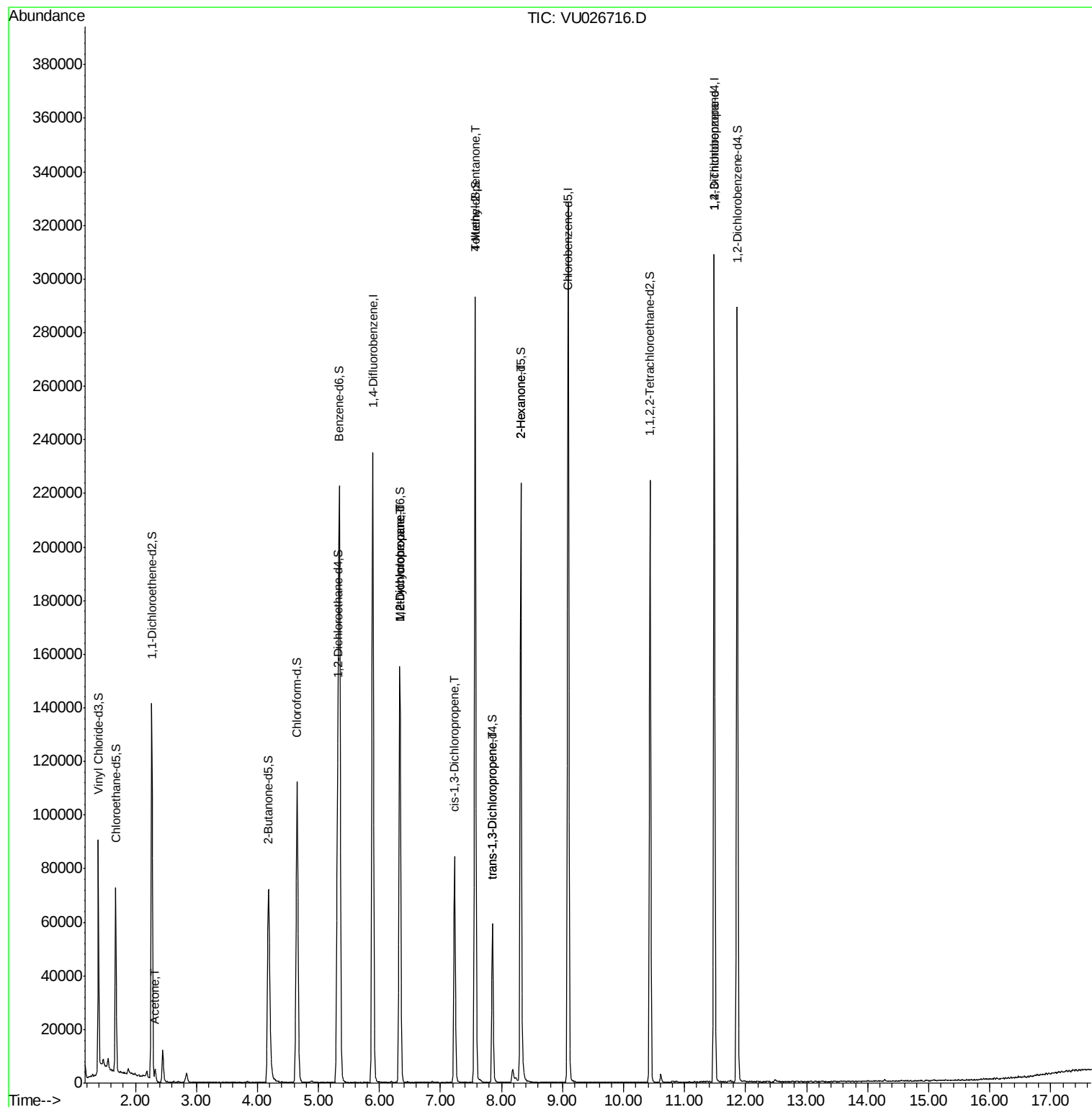
					Qvalue
13) Acetone	2.32	43	3965	3.820 ug/L	96
35) Methylcyclohexane	6.33	83	17182	8.532 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8188	5.790 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1918	0.917 ug/L #	64
40) 4-Methyl-2-pentanone	7.57	43	862	0.478 ug/L #	1
44) trans-1,3-Dichloropropene	7.86	75	1421	0.730 ug/L	90
48) 2-Hexanone	8.31	43	9069	5.955 ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	8988	5.372 ug/L #	85

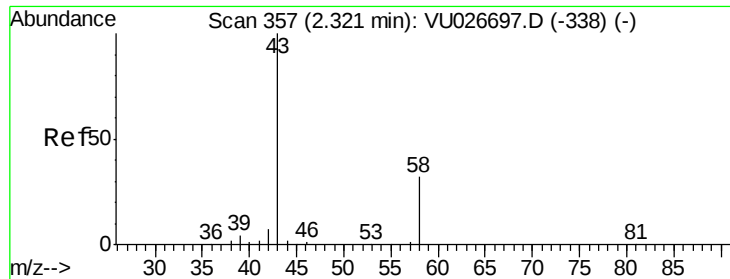
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 13 03:38:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.820 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026716.D

Acq: 12 Sep 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

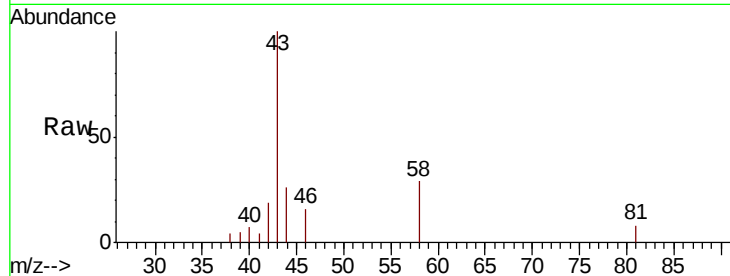
DB3Q5

Tgt Ion: 43 Resp: 3965

Ion Ratio Lower Upper

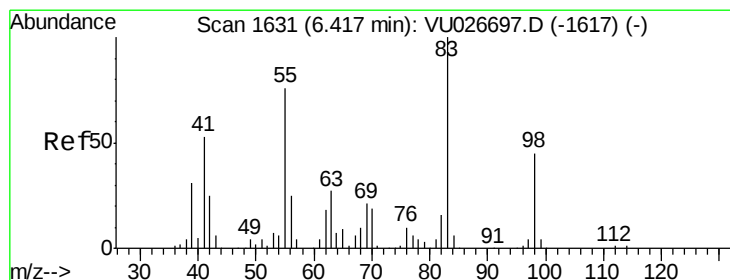
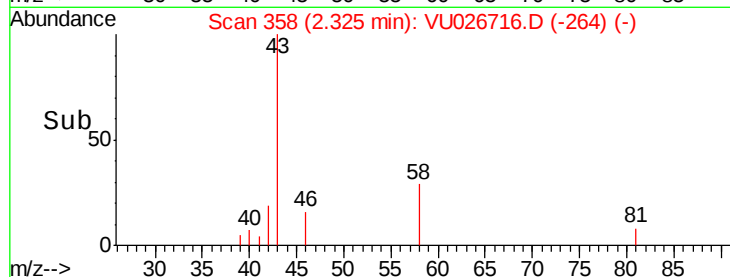
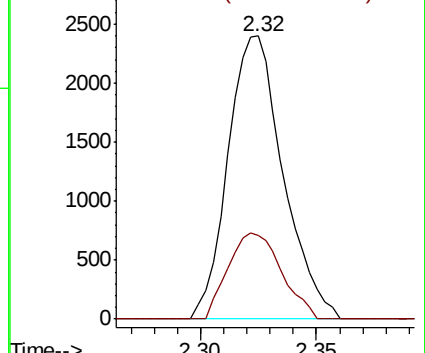
43 100

58 29.3 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 8.532 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026716.D

Acq: 12 Sep 2018 20:54

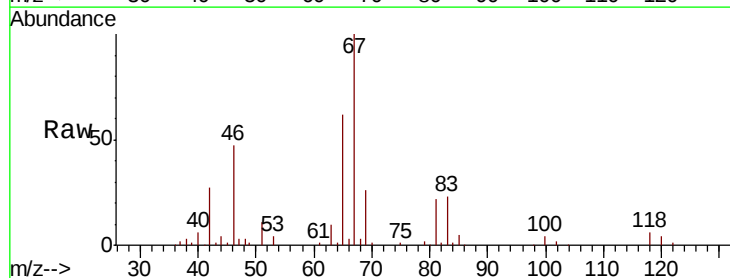
Tgt Ion: 83 Resp: 17182

Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

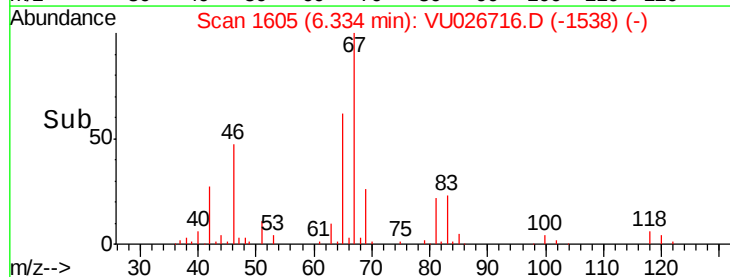
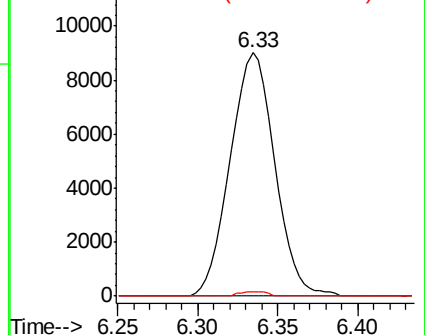
98 1.1 37.0 55.4#

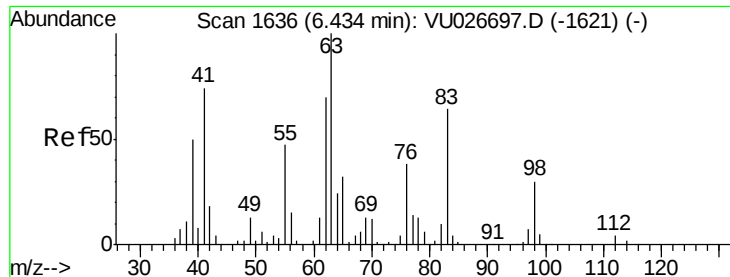


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

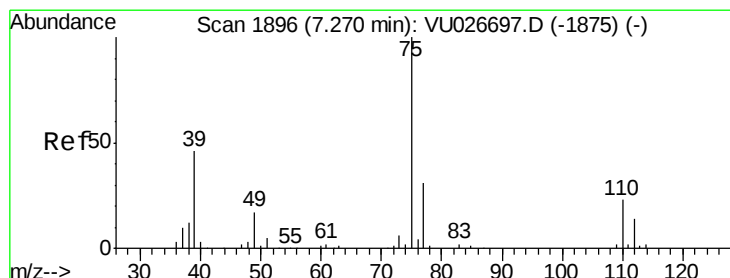
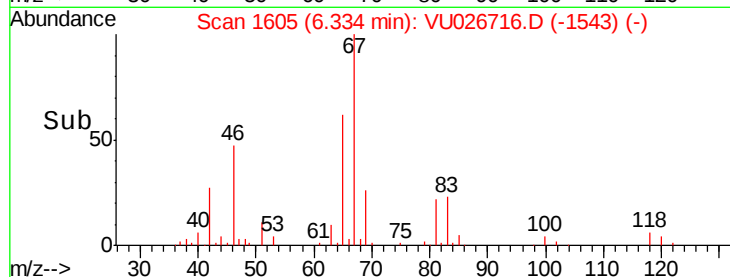
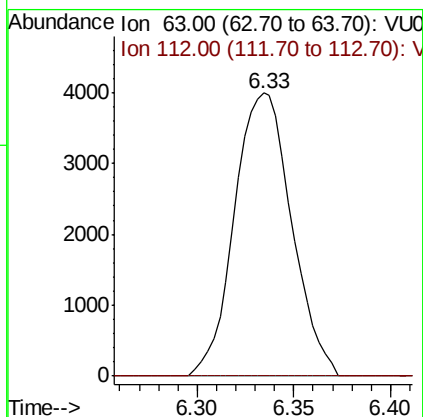
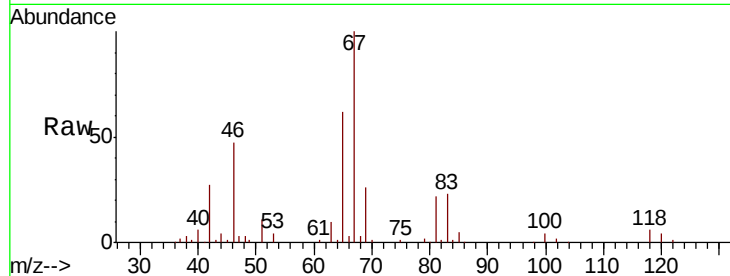




#37
 1,2-Dichloropropane
 Concen: 5.790 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026716.D
 Acq: 12 Sep 2018 20:54

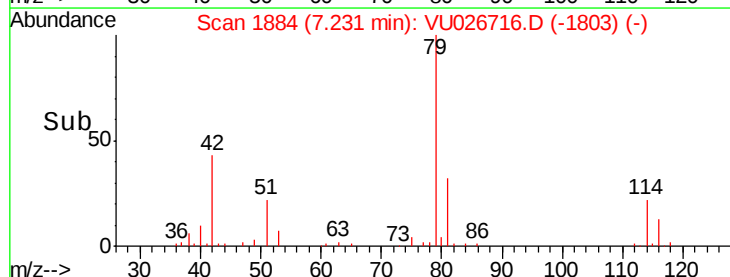
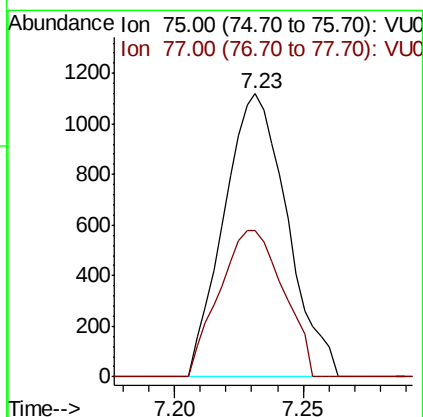
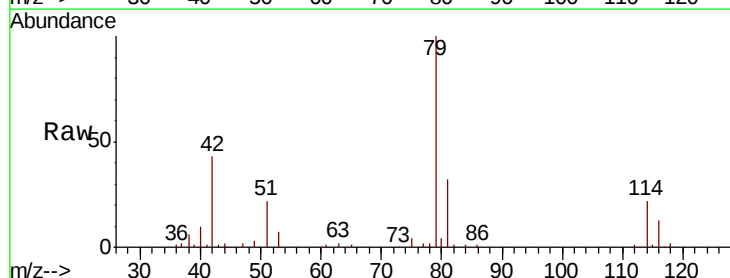
Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q5

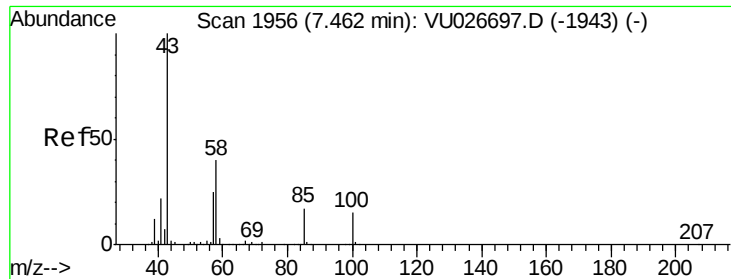
Tgt Ion: 63 Resp: 8188
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.917 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026716.D
 Acq: 12 Sep 2018 20:54

Tgt Ion: 75 Resp: 1918
 Ion Ratio Lower Upper
 75 100
 77 51.7 22.3 41.3#

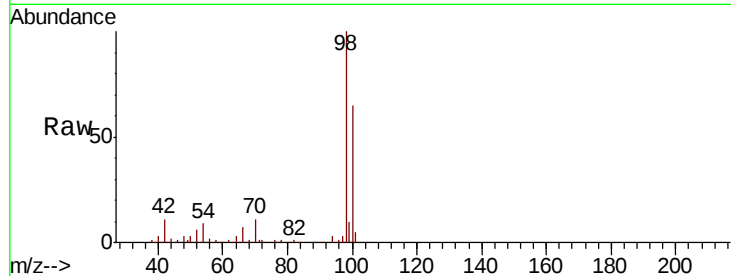




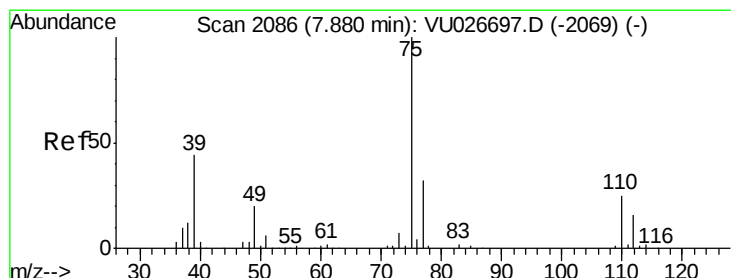
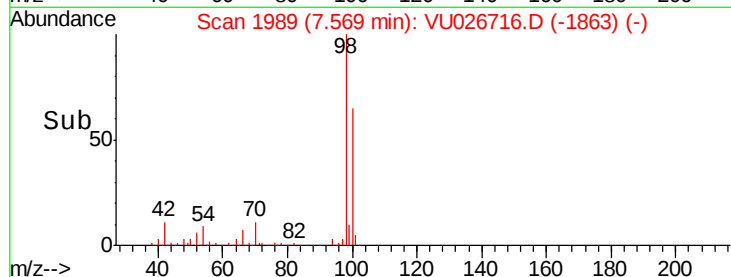
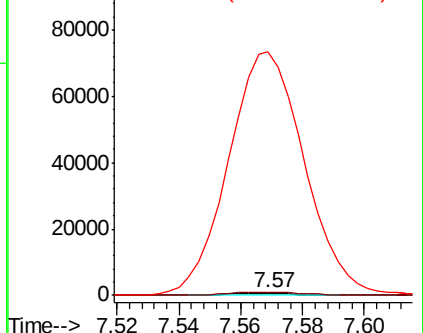
#40
 4-Methyl-2-pentanone
 Concen: 0.478 ug/L
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.11 min
 Lab File: VU026716.D
 Acq: 12 Sep 2018 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q5

Tgt Ion: 43 Resp: 862
 Ion Ratio Lower Upper
 43 100
 58 186.2 31.1 46.7#
 100 14636.0 11.3 16.9#

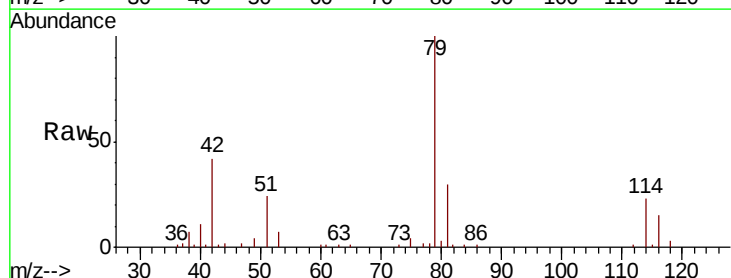


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

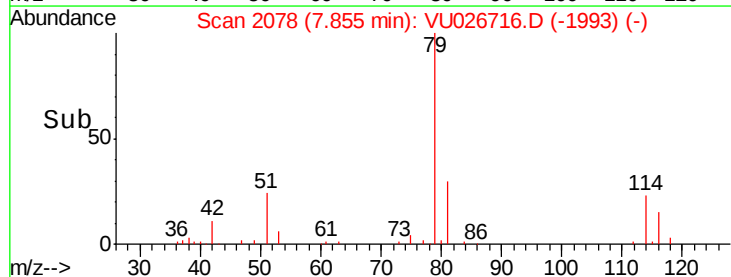
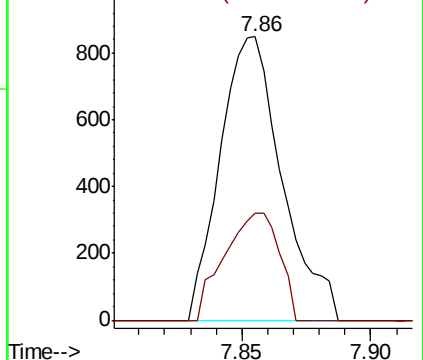


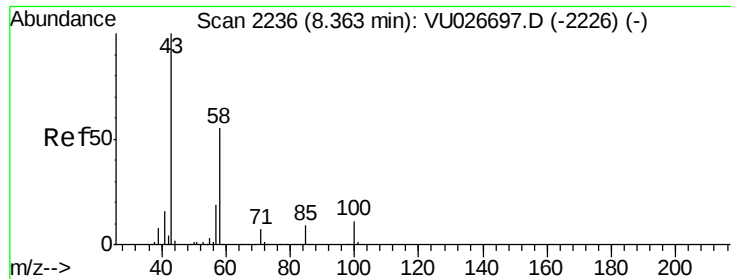
#44
 trans-1,3-Dichloropropene
 Concen: 0.730 ug/L
 RT: 7.86 min Scan# 2078
 Delta R.T. -0.03 min
 Lab File: VU026716.D
 Acq: 12 Sep 2018 20:54

Tgt Ion: 75 Resp: 1421
 Ion Ratio Lower Upper
 75 100
 77 37.6 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

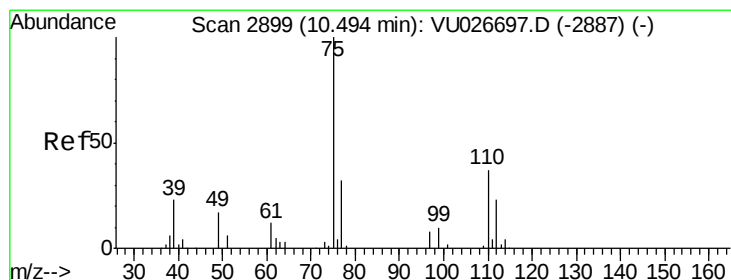
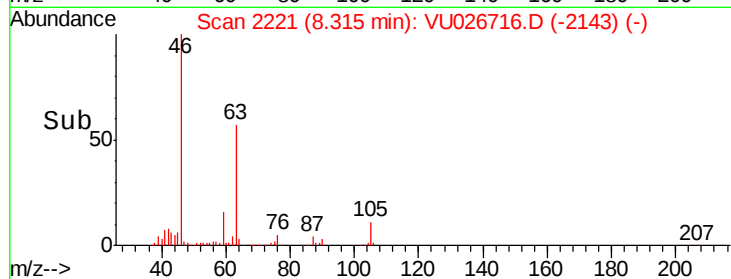
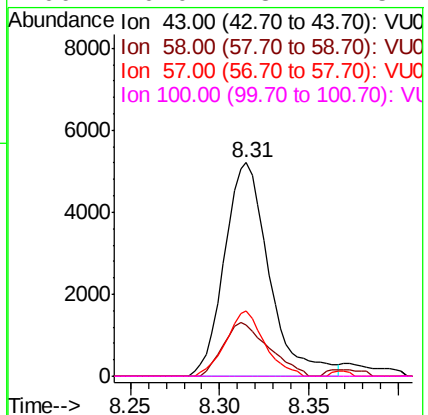
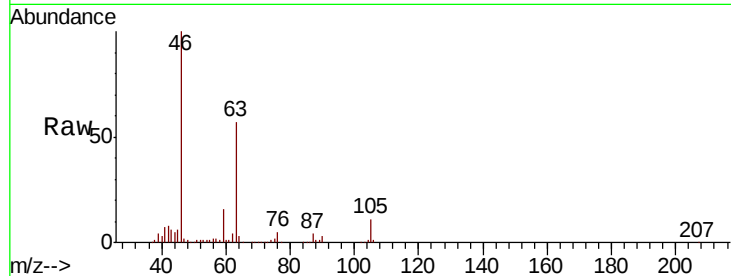




#48
 2-Hexanone
 Concen: 5.955 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU026716.D
 Acq: 12 Sep 2018 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q5

Tgt Ion: 43 Resp: 9069
 Ion Ratio Lower Upper
 43 100
 58 25.5 42.2 63.4#
 57 26.5 14.4 21.6#
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.372 ug/L
 RT: 11.49 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026716.D
 Acq: 12 Sep 2018 20:54

Tgt Ion: 75 Resp: 8988
 Ion Ratio Lower Upper
 75 100
 77 40.4 25.8 38.6#

