

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026703.D
 Acq On : 12 Sep 2018 15:45
 Operator : MD/SY
 Sample : J4860-02
 Misc : 13.92g/25mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A41T2

Quant Time: Sep 13 03:40:30 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	5.88	114	220277	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214390	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	115147	50.00	ug/L	0.00

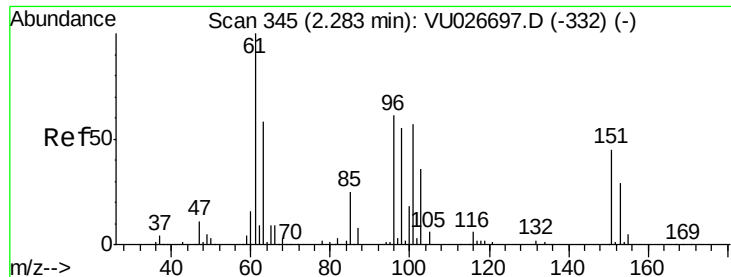
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58742	35.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.56%
7) Chloroethane-d5	1.64	69	38122	28.82	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.64%#
11) 1,1-Dichloroethene-d2	2.23	63	94527	32.18	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.36%
21) 2-Butanone-d5	4.20	46	118823	116.32	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.32%
24) Chloroform-d	4.65	84	122111	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	5.31	65	84167	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
32) Benzene-d6	5.33	84	253811	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
36) 1,2-Dichloropropane-d6	6.33	67	89187	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.57	98	231159	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.85	79	40541	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.32	63	94649	124.58	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.58%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	139997	54.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	110754	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	963	0.712	ug/L #	18
12) 1,1-Dichloroethene	2.23	96	849	0.654	ug/L #	1
13) Acetone	2.35	43	8761	7.530	ug/L	99
15) Methyl Acetate	2.62	43	6687	4.029	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	2389	1.541	ug/L	90
25) Chloroform	4.67	83	1985	0.740	ug/L	78
37) 1,2-Dichloropropane	6.33	63	9280	5.533	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2219	0.894	ug/L #	46
40) 4-Methyl-2-pentanone	7.57	43	1017	0.475	ug/L #	1
42) Toluene	7.64	91	5384	0.865	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	1741	0.754	ug/L	87
48) 2-Hexanone	8.32	43	10598	5.867	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	13212	6.658	ug/L	90

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



#10

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

Concen: 0.712 ug/L

RT: 2.23 min Scan# 328

Delta R.T. -0.06 min

Lab File: VU026703.D

Acq: 12 Sep 2018 15:45

Instrument :

MSVOA_U

ClientSampled :

A41T2

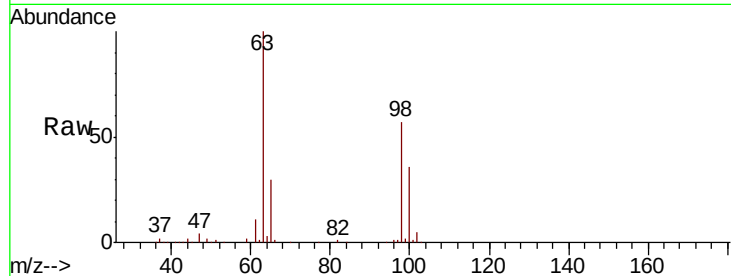
Tgt Ion: 101 Resp: 963

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

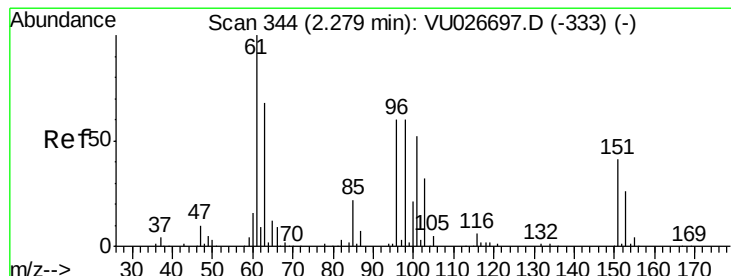
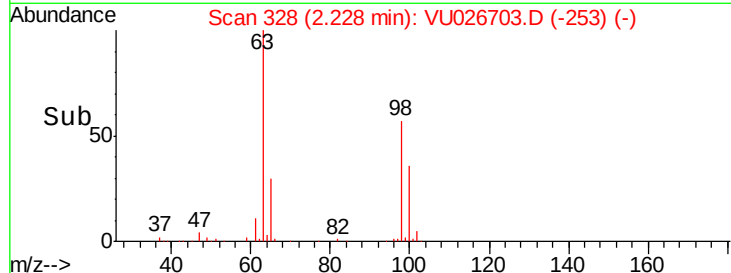
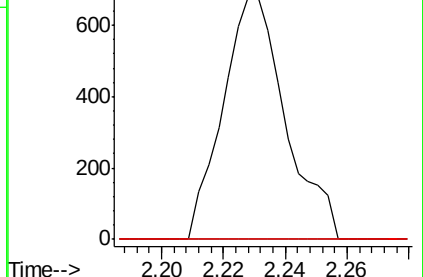
151 0.0 62.6 94.0#



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: 0.654 ug/L

RT: 2.23 min Scan# 328

Delta R.T. -0.05 min

Lab File: VU026703.D

Acq: 12 Sep 2018 15:45

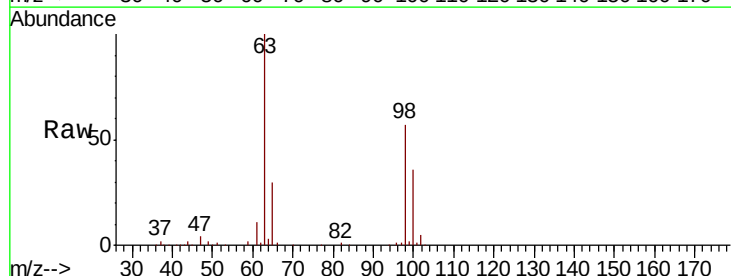
Tgt Ion: 96 Resp: 849

Ion Ratio Lower Upper

96 100

61 1319.4 121.0 224.8#

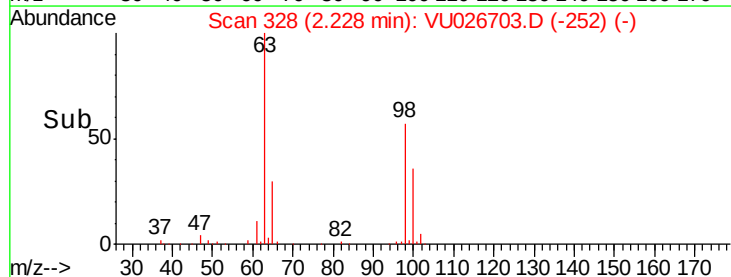
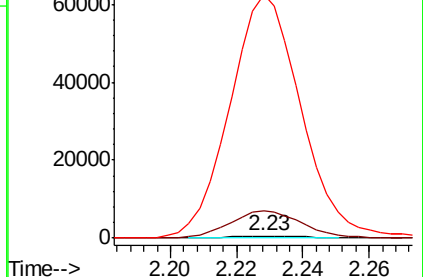
63 11549.0 89.9 166.9#

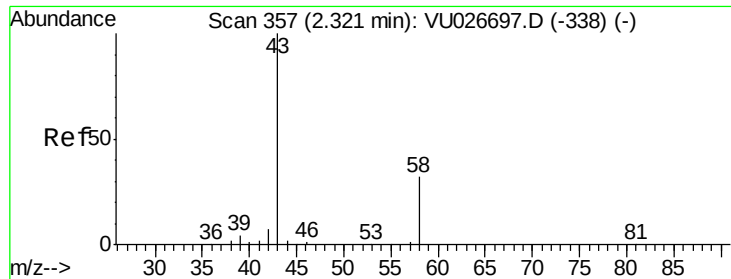


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 7.530 ug/L

RT: 2.35 min Scan# 366

Delta R.T. 0.03 min

Lab File: VU026703.D

Acq: 12 Sep 2018 15:45

Instrument :

MSVOA_U

ClientSampleId :

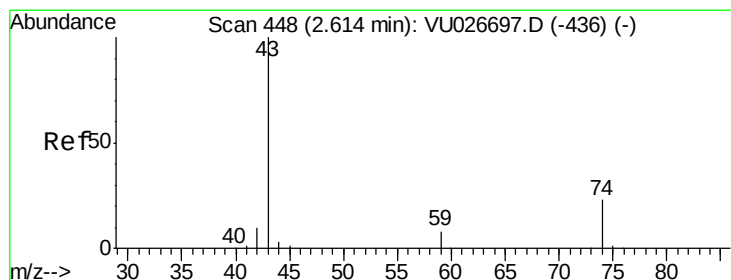
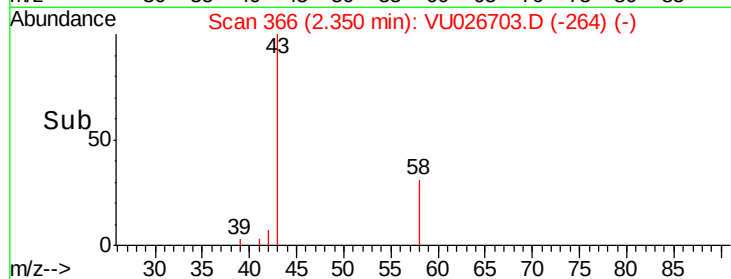
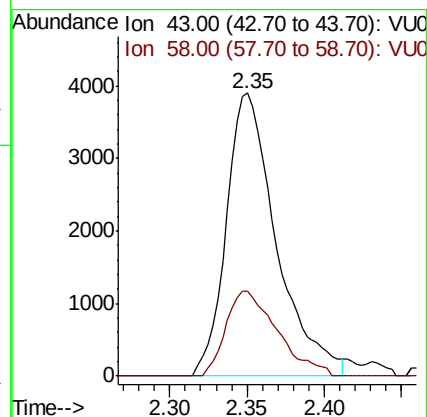
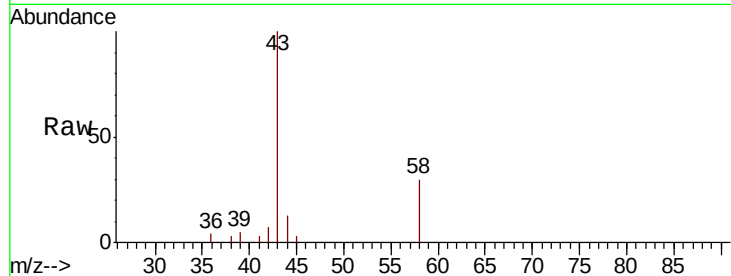
A41T2

Tgt Ion: 43 Resp: 8761

Ion Ratio Lower Upper

43 100

58 31.0 0.0 62.8



#15

Methyl Acetate

Concen: 4.029 ug/L

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU026703.D

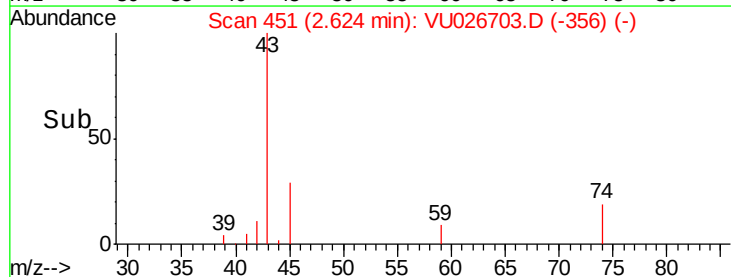
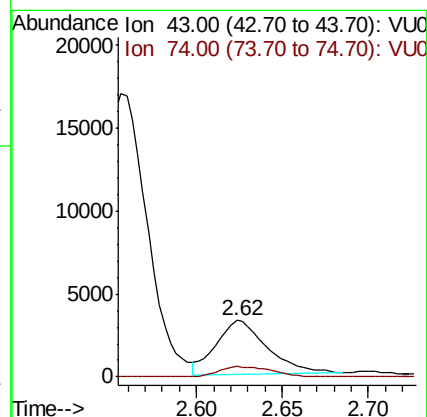
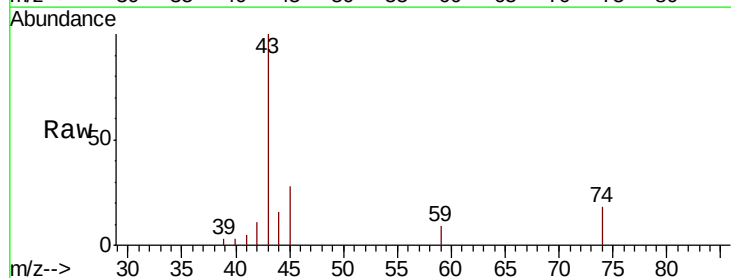
Acq: 12 Sep 2018 15:45

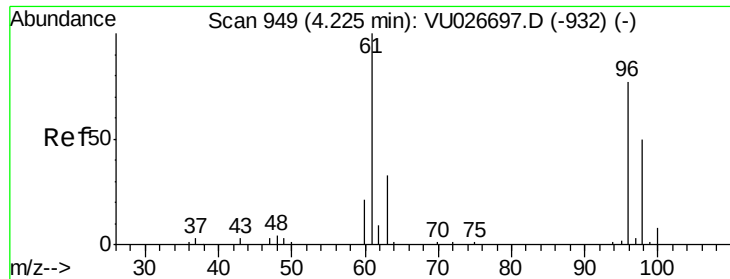
Tgt Ion: 43 Resp: 6687

Ion Ratio Lower Upper

43 100

74 19.9 18.5 27.7

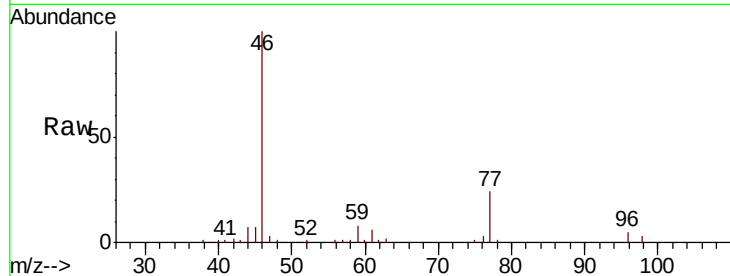




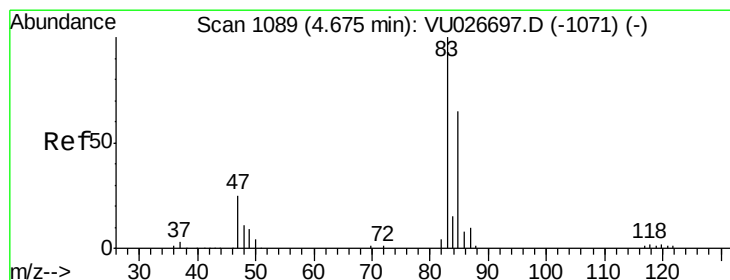
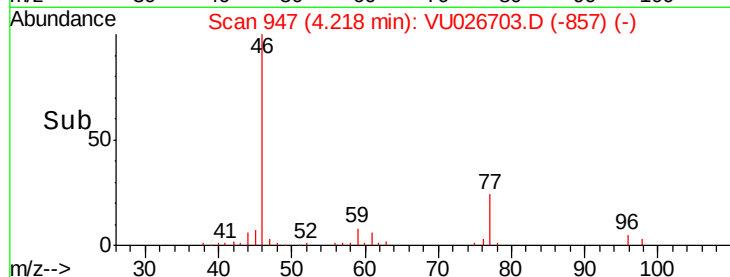
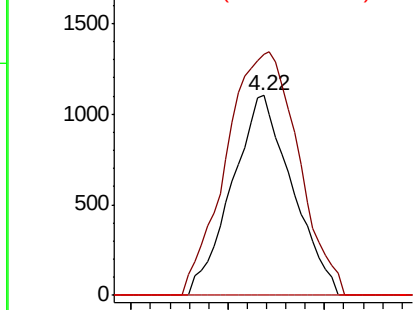
#20
 cis-1,2-Dichloroethene
 Concen: 1.541 ug/L
 RT: 4.22 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: VU026703.D
 Acq: 12 Sep 2018 15:45

Instrument :
 MSVOA_U
 ClientSampleId :
 A41T2

Tgt Ion: 96 Resp: 2389
 Ion Ratio Lower Upper
 96 100
 61 120.8 92.9 172.5
 68 0.0 0.0 0.0

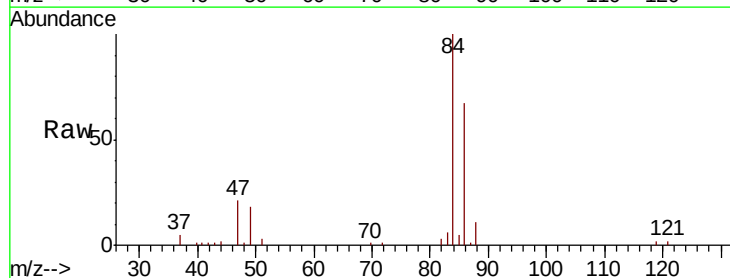


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

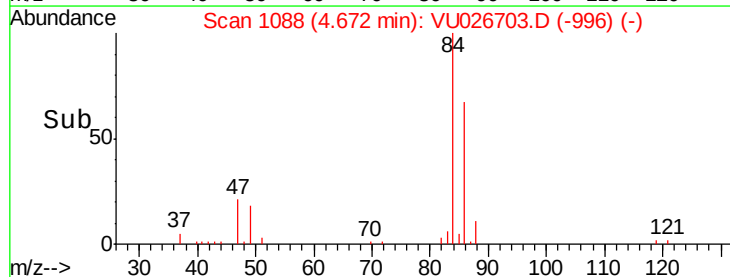
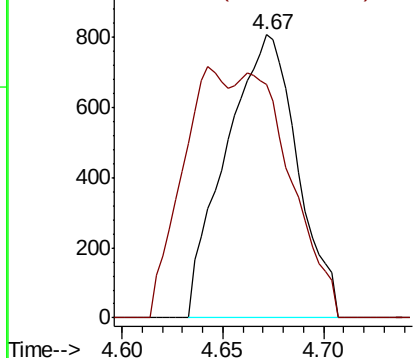


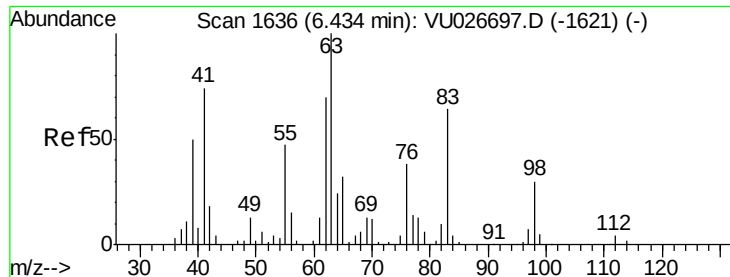
#25
 Chloroform
 Concen: 0.740 ug/L
 RT: 4.67 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VU026703.D
 Acq: 12 Sep 2018 15:45

Tgt Ion: 83 Resp: 1985
 Ion Ratio Lower Upper
 83 100
 85 82.7 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

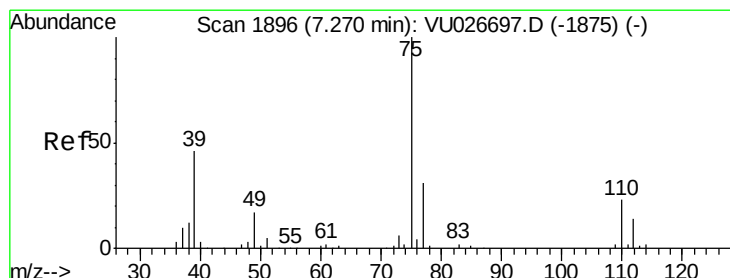
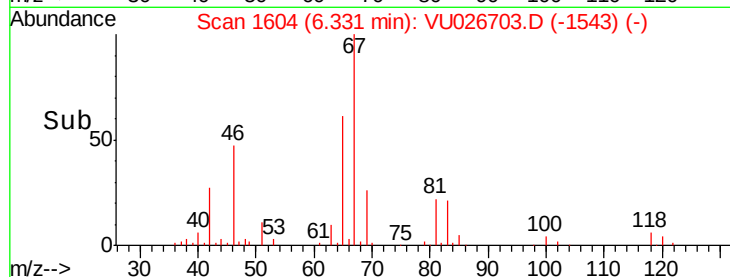
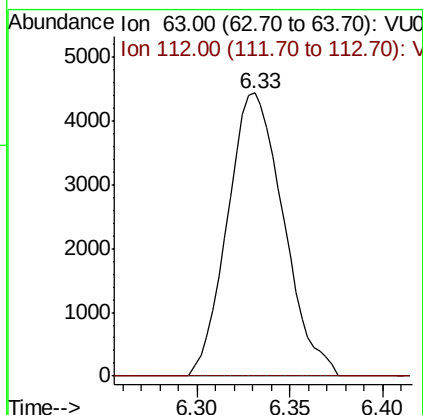
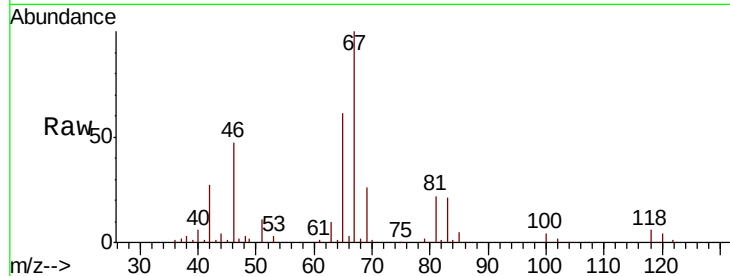




#37
 1,2-Dichloropropane
 Concen: 5.533 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026703.D
 Acq: 12 Sep 2018 15:45

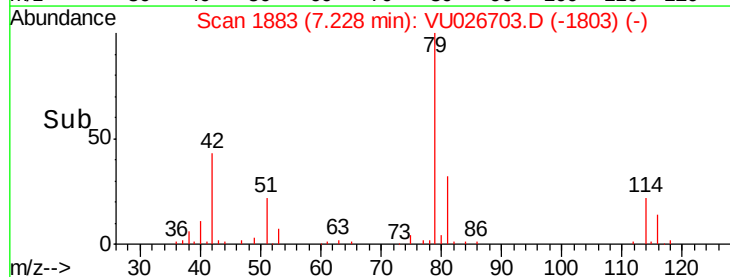
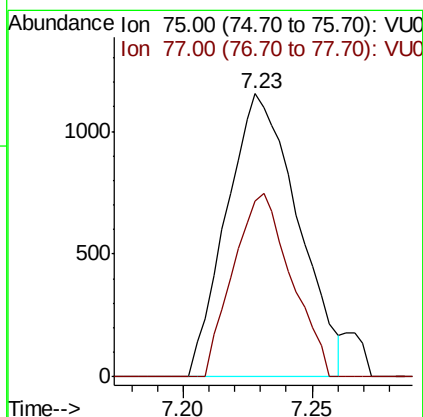
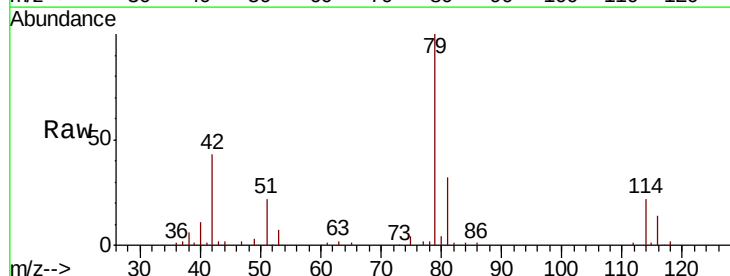
Instrument :
 MSVOA_U
 ClientSampleId :
 A41T2

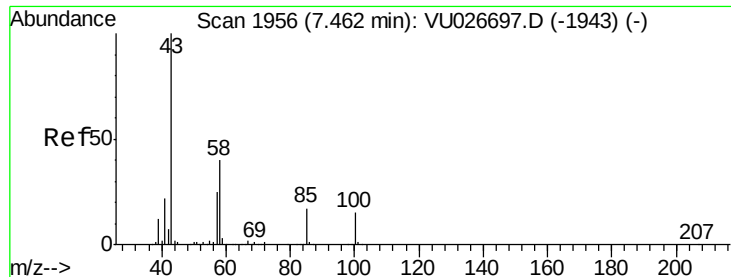
Tgt Ion: 63 Resp: 9280
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.894 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026703.D
 Acq: 12 Sep 2018 15:45

Tgt Ion: 75 Resp: 2219
 Ion Ratio Lower Upper
 75 100
 77 62.1 22.3 41.3#

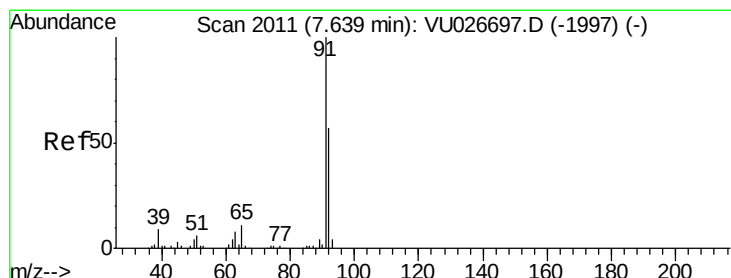
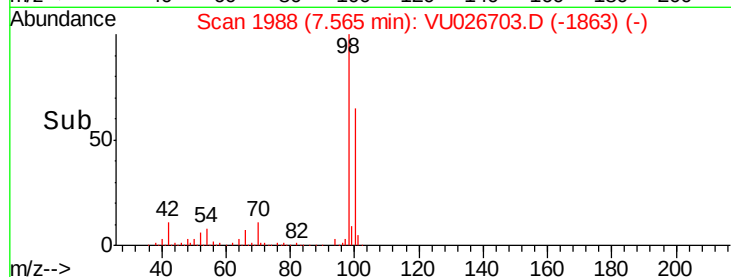
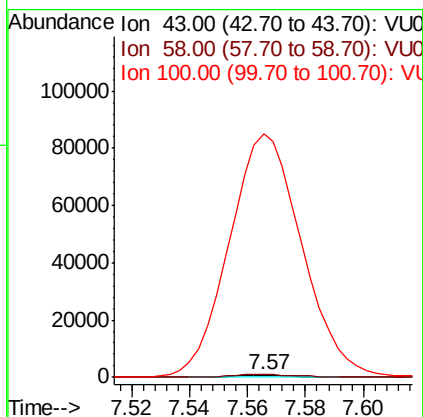
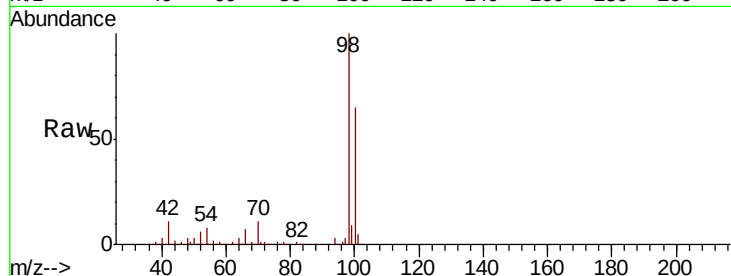




#40
 4-Methyl-2-pentanone
 Concen: 0.475 ug/L
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.10 min
 Lab File: VU026703.D
 Acq: 12 Sep 2018 15:45

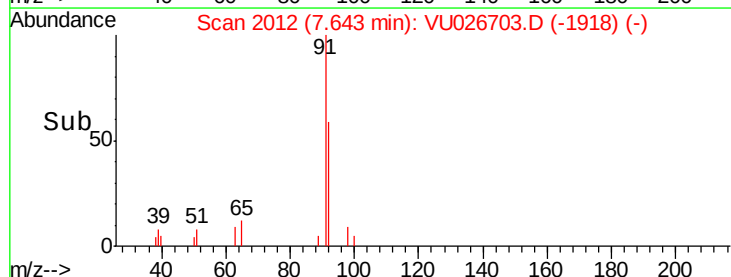
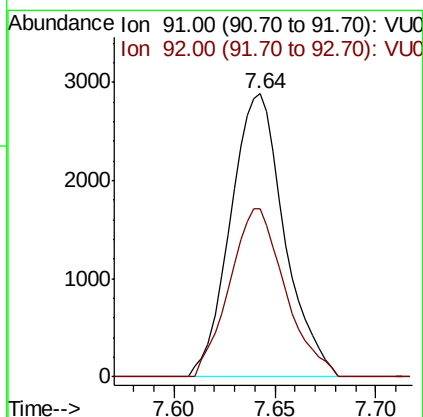
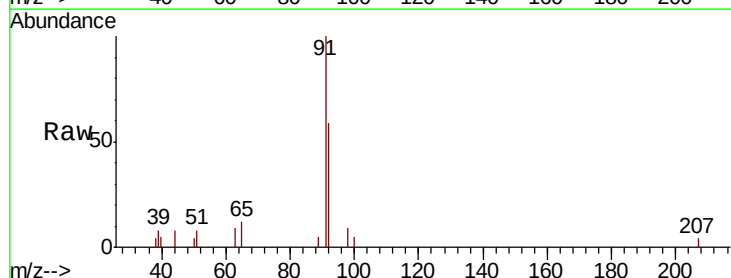
Instrument :
 MSVOA_U
 ClientSampleId :
 A41T2

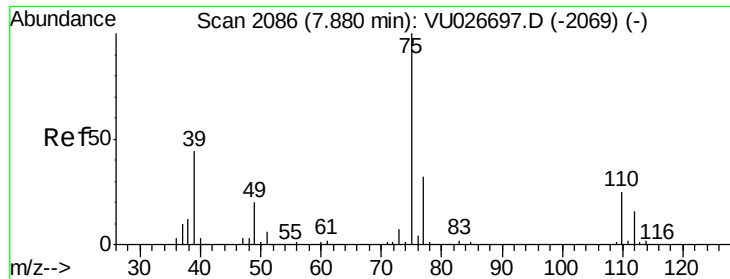
Tgt Ion: 43 Resp: 1017
 Ion Ratio Lower Upper
 43 100
 58 181.3 31.1 46.7#
 100 14633.4 11.3 16.9#



#42
 Toluene
 Concen: 0.865 ug/L
 RT: 7.64 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: VU026703.D
 Acq: 12 Sep 2018 15:45

Tgt Ion: 91 Resp: 5384
 Ion Ratio Lower Upper
 91 100
 92 59.3 40.3 74.9





#44

trans-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026703.D

Acq: 12 Sep 2018 15:45

Instrument :

MSVOA_U

ClientSampled :

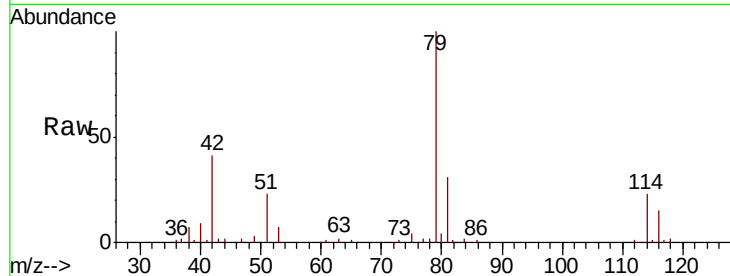
A41T2

Tgt Ion: 75 Resp: 1741

Ion Ratio Lower Upper

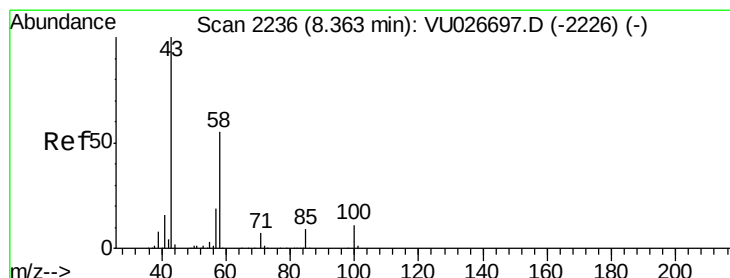
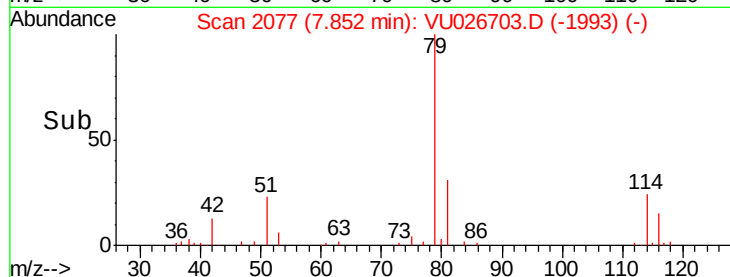
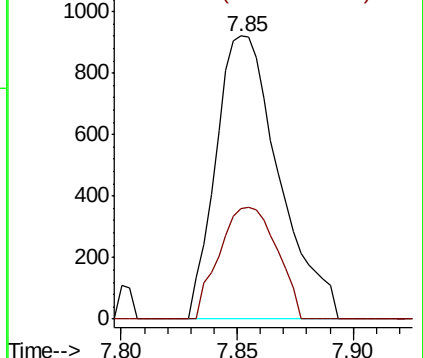
75 100

77 39.0 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: 5.867 ug/L

RT: 8.32 min Scan# 2224

Delta R.T. -0.04 min

Lab File: VU026703.D

Acq: 12 Sep 2018 15:45

Tgt Ion: 43 Resp: 10598

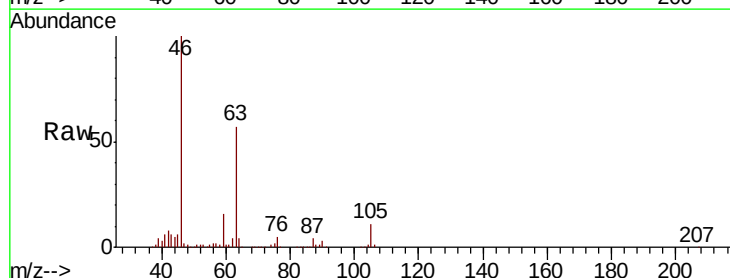
Ion Ratio Lower Upper

43 100

58 24.2 42.2 63.4#

57 28.0 14.4 21.6#

100 0.0 8.7 13.1#

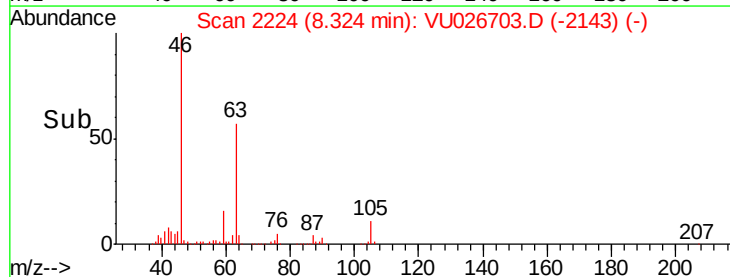
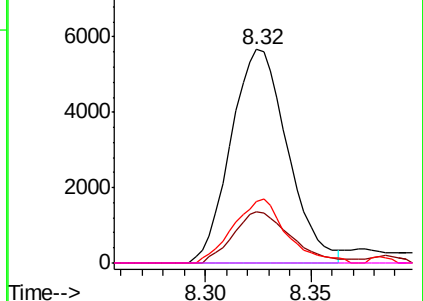


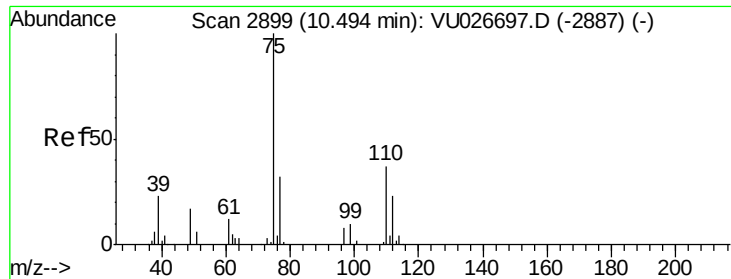
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 6.658 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026703.D

Acq: 12 Sep 2018 15:45

Instrument :

MSVOA_U

ClientSampleId :

A41T2

Tgt Ion: 75 Resp: 13212

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.6

