

Data File : VU026855.D
Acq On : 18 Sep 2018 12:31
Operator : MD/SY
Sample : J4896-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08S8

Quant Time: Sep 19 05:07:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	236741	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	226088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	91845	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71541	40.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.70%
7) Chloroethane-d5	1.68	69	66694	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.98%
11) 1,1-Dichloroethene-d2	2.27	63	107308	32.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.76%
21) 2-Butanone-d5	4.18	46	127118	109.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.38%
24) Chloroform-d	4.65	84	148170	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
26) 1,2-Dichloroethane-d4	5.31	65	100926	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.34	84	305518	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.33	67	101701	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.64%
41) Toluene-d8	7.57	98	255759	44.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.36%
43) trans-1,3-Dichloropropene-	7.85	79	42102	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.38%
47) 2-Hexanone-d5	8.31	63	86802	108.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139748	49.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	105089	55.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

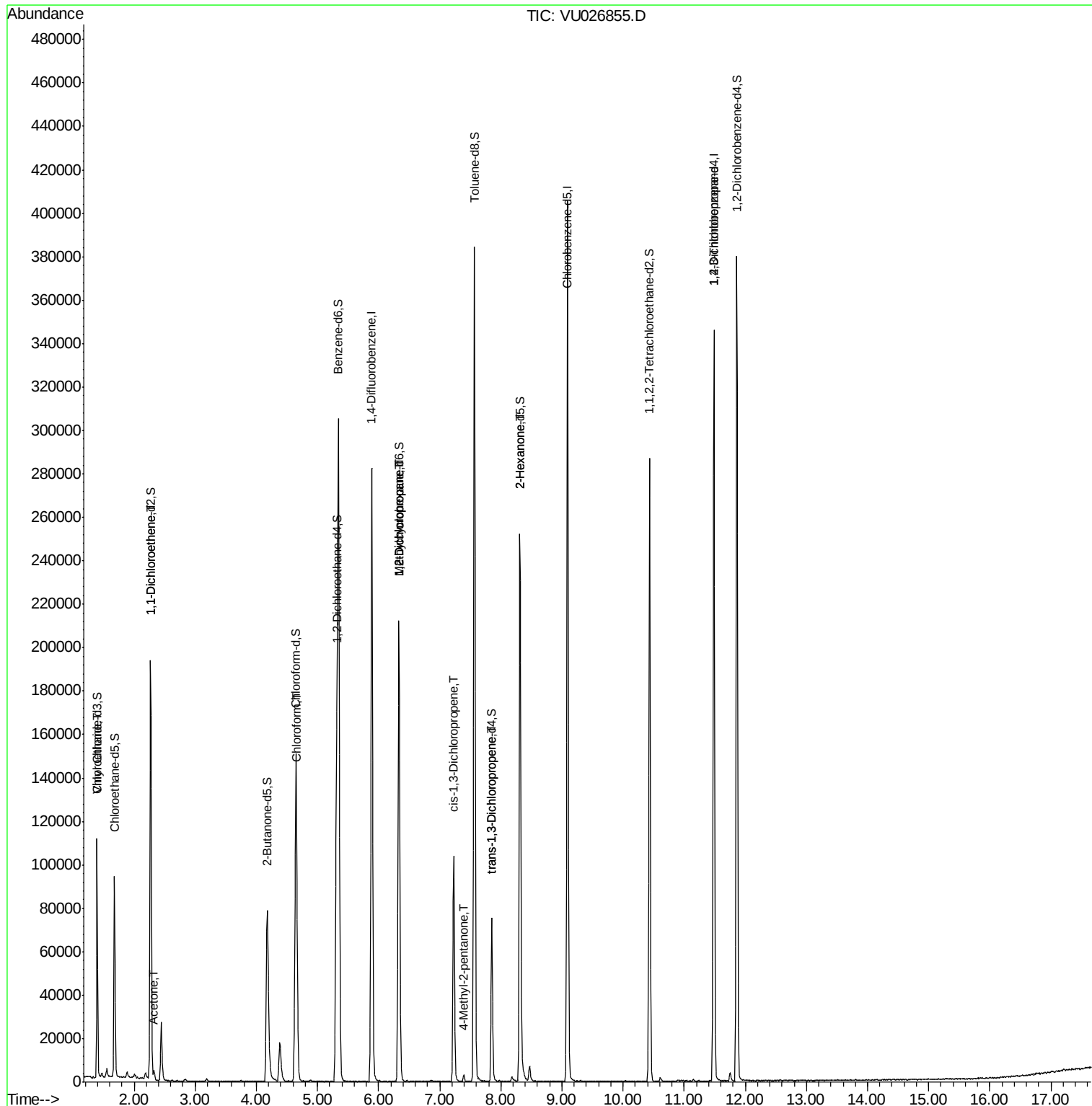
					Qvalue
8) Chloroethane	1.40	64	1050	0.754 ug/L #	1
12) 1,1-Dichloroethene	2.28	96	884	0.576 ug/L #	1
13) Acetone	2.32	43	3818	3.342 ug/L	95
25) Chloroform	4.67	83	2646	0.801 ug/L	86
35) Methylcyclohexane	6.33	83	24006	8.755 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	10700	5.557 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2392	0.879 ug/L #	81
40) 4-Methyl-2-pentanone	7.40	43	1337	0.584 ug/L #	43
44) trans-1,3-Dichloropropene	7.85	75	1680	0.660 ug/L #	75
48) 2-Hexanone	8.31	43	10493	5.686 ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	10170	4.409 ug/L #	87

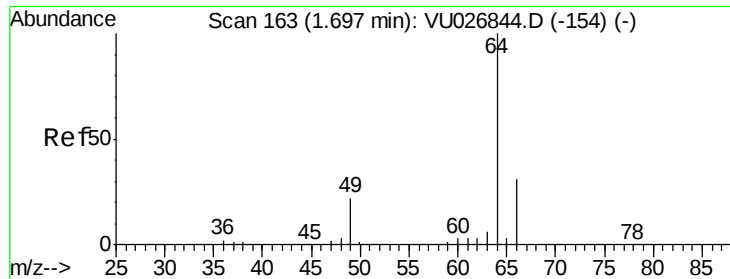
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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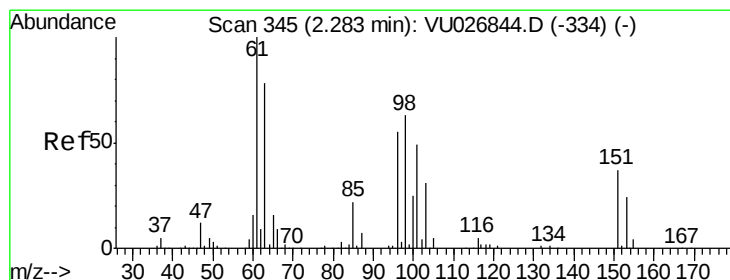
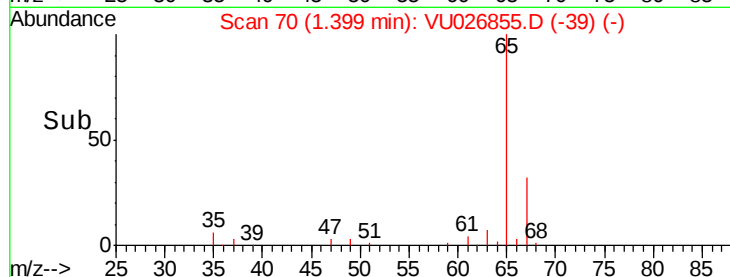
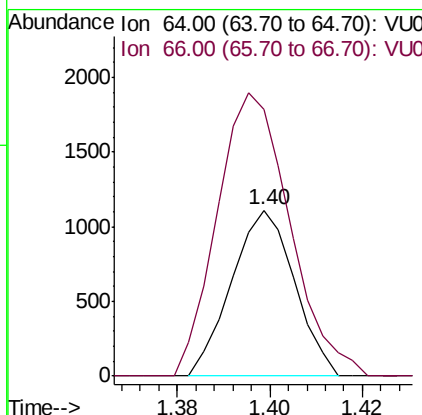
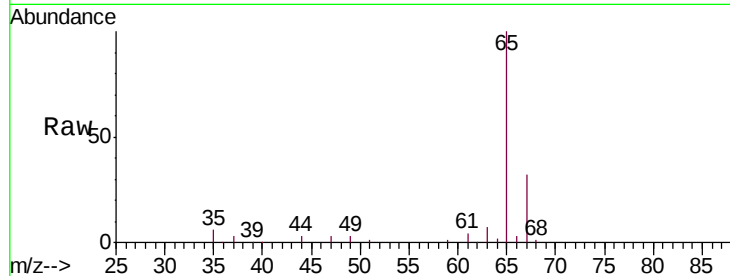




#8
 Chloroethane
 Concen: 0.754 ug/L
 RT: 1.40 min Scan# 70
 Delta R.T. -0.30 min
 Lab File: VU026855.D
 Acq: 18 Sep 2018 12:31

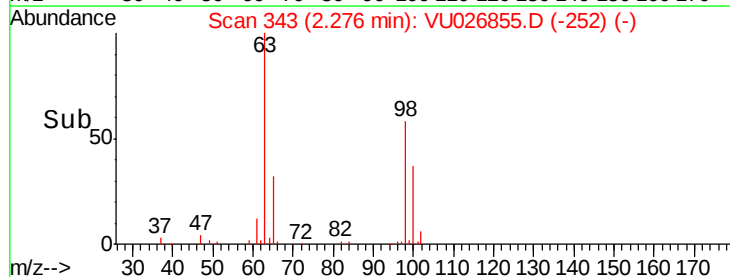
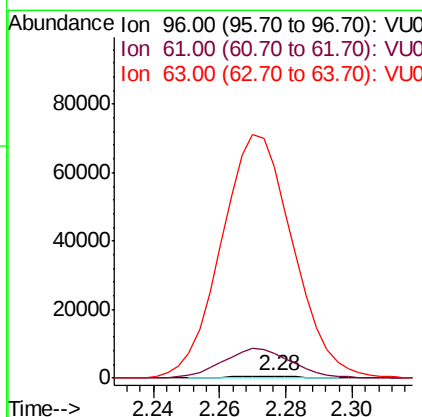
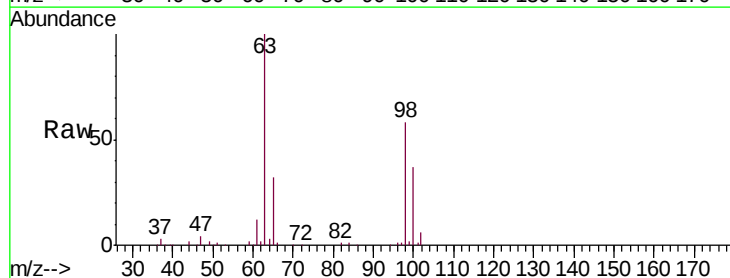
Instrument :
 MSVOA_U
 ClientSampled :
 C08S8

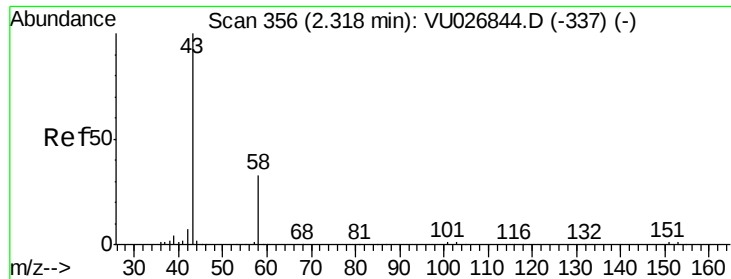
Tgt Ion: 64 Resp: 1050
 Ion Ratio Lower Upper
 64 100
 66 161.0 23.0 42.8#



#12
 1,1-Dichloroethene
 Concen: 0.576 ug/L
 RT: 2.28 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: VU026855.D
 Acq: 18 Sep 2018 12:31

Tgt Ion: 96 Resp: 884
 Ion Ratio Lower Upper
 96 100
 61 1362.8 124.0 230.4#
 63 11350.3 97.7 181.5#





#13

Acetone

Concen: 3.342 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026855.D

Acq: 18 Sep 2018 12:31

Instrument :

MSVOA_U

ClientSampled :

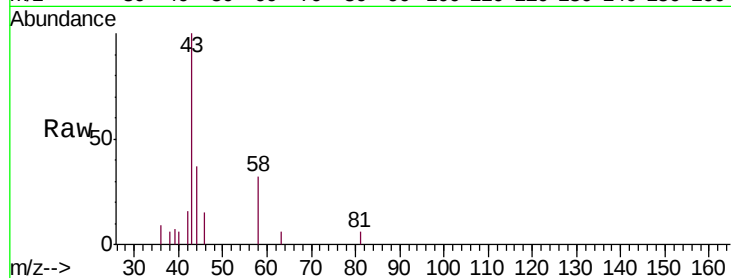
C08S8

Tgt Ion: 43 Resp: 3818

Ion Ratio Lower Upper

43 100

58 29.3 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

2500

2000

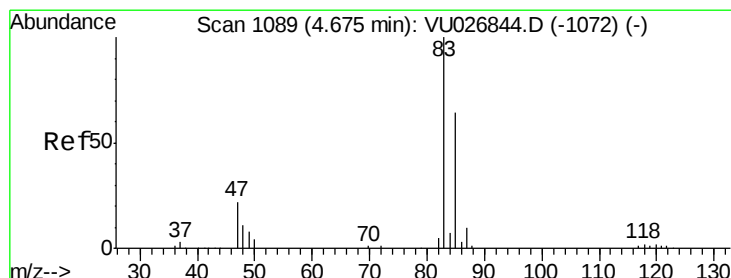
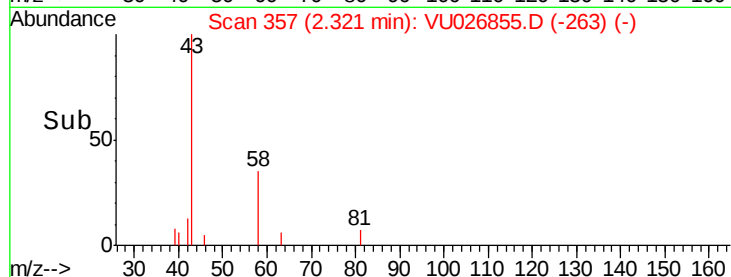
1500

1000

500

0

Time--> 2.25 2.30 2.35



#25

Chloroform

Concen: 0.801 ug/L

RT: 4.67 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VU026855.D

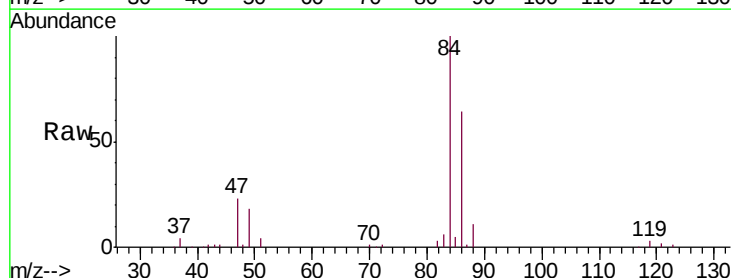
Acq: 18 Sep 2018 12:31

Tgt Ion: 83 Resp: 2646

Ion Ratio Lower Upper

83 100

85 74.2 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

4.67

2000

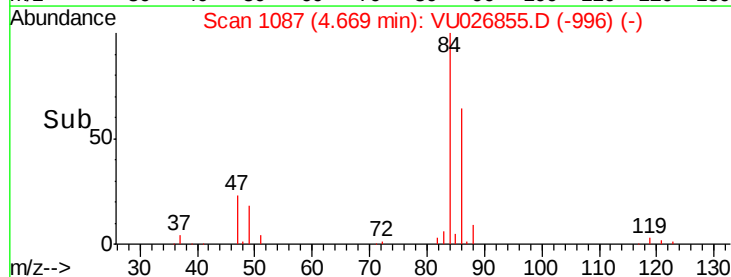
1500

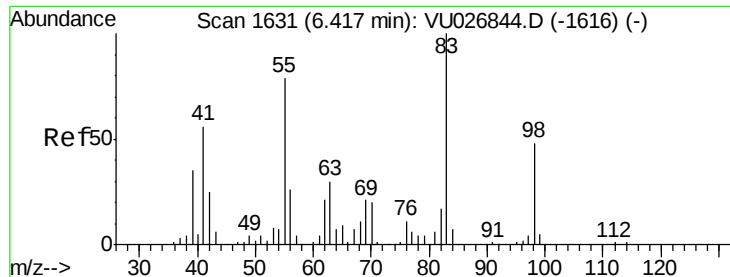
1000

500

0

Time--> 4.62 4.64 4.66 4.68

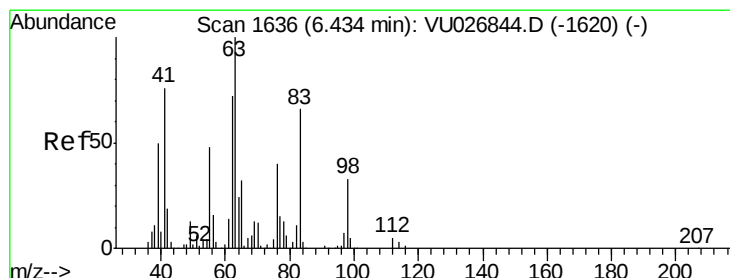
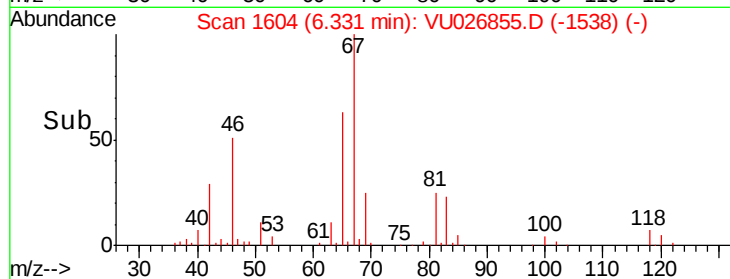
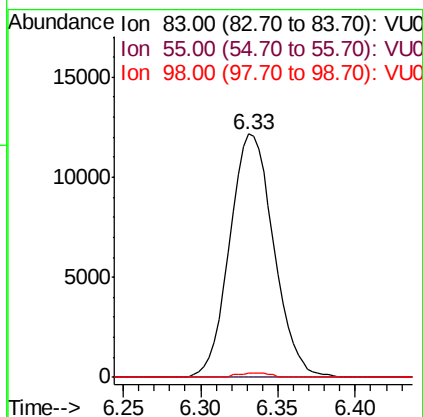
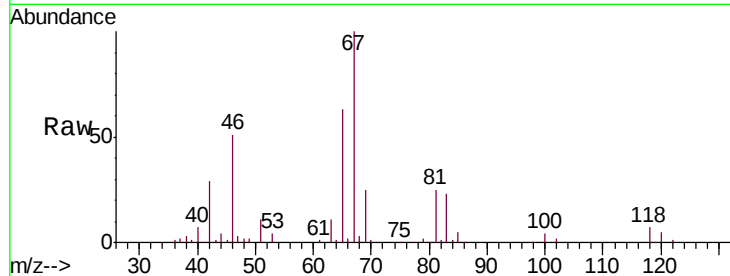




#35
Methylcyclohexane
Concen: 8.755 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026855.D
Acq: 18 Sep 2018 12:31

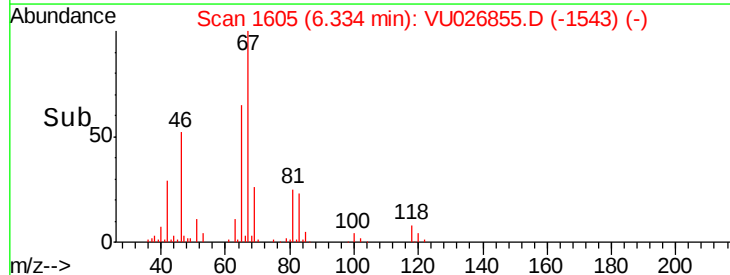
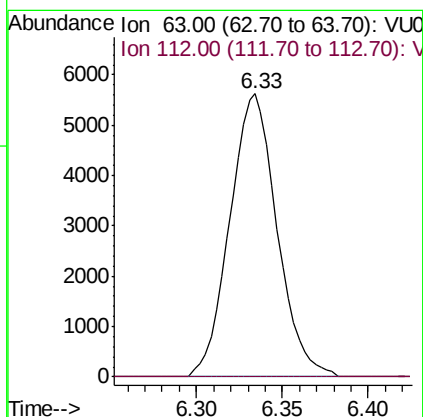
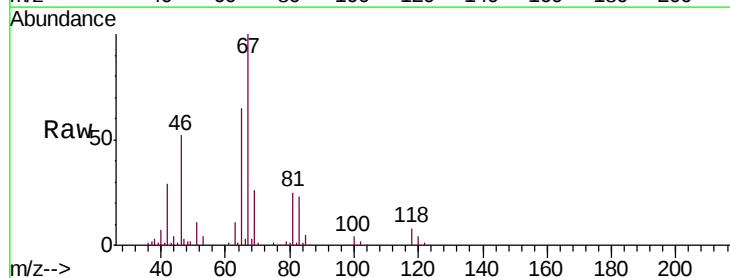
Instrument :
MSVOA_U
ClientSampleId :
C08S8

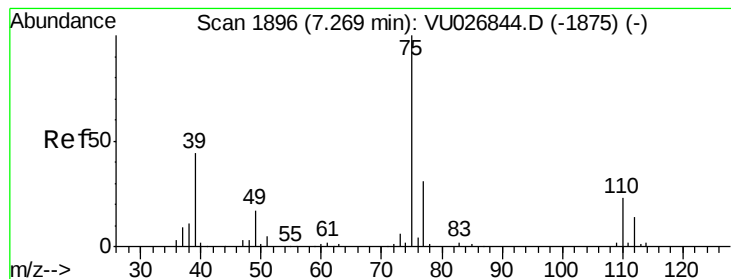
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.7	92.5#
98	1.2	38.3	57.5#



#37
1,2-Dichloropropane
Concen: 5.557 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026855.D
Acq: 18 Sep 2018 12:31

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



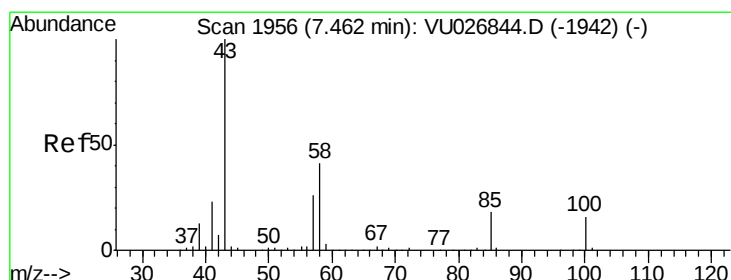
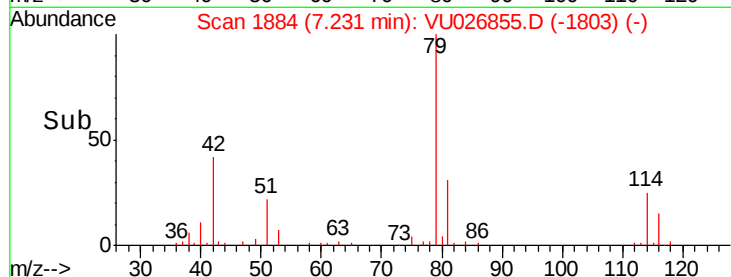
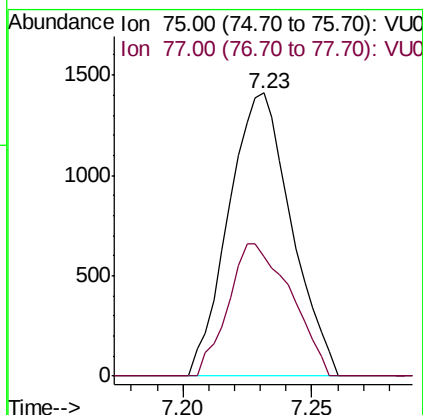
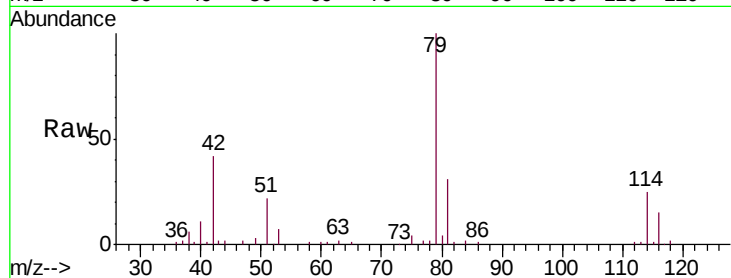


#39

cis-1,3-Dichloropropene
 Concen: 0.879 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026855.D
 Acq: 18 Sep 2018 12:31

Instrument :
 MSVOA_U
 ClientSampleId :
 C08S8

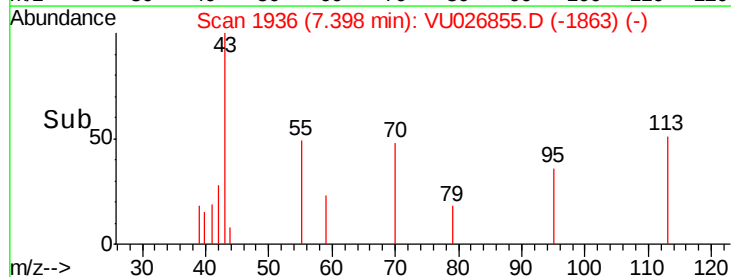
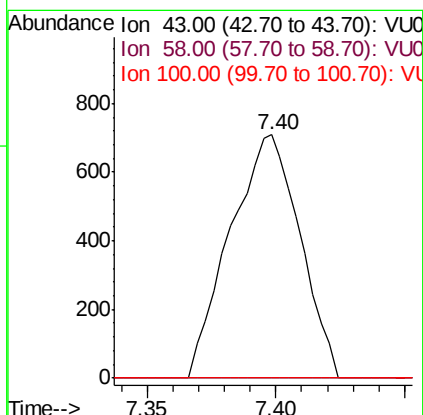
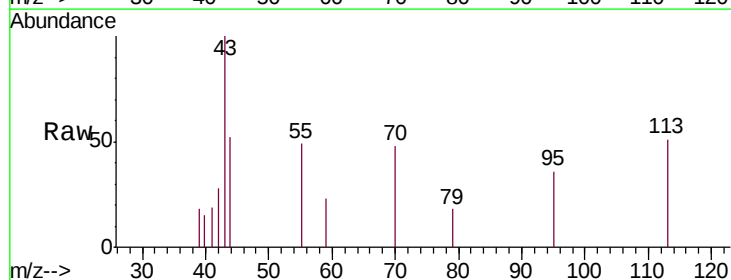
Tgt Ion: 75 Resp: 2392
 Ion Ratio Lower Upper
 75 100
 77 42.1 22.1 41.1#

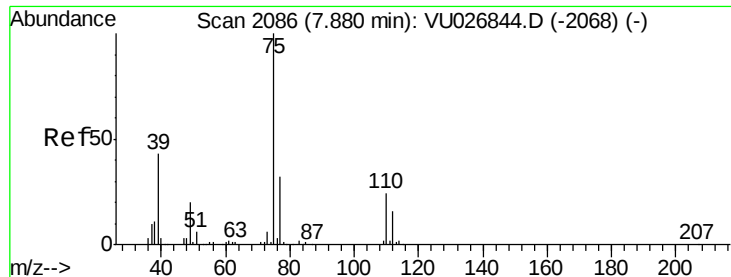


#40

4-Methyl-2-pentanone
 Concen: 0.584 ug/L
 RT: 7.40 min Scan# 1936
 Delta R.T. -0.06 min
 Lab File: VU026855.D
 Acq: 18 Sep 2018 12:31

Tgt Ion: 43 Resp: 1337
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.0 48.0#
 100 0.0 12.6 19.0#





#44

trans-1,3-Dichloropropene

Concen: 0.660 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026855.D

Acq: 18 Sep 2018 12:31

Instrument :

MSVOA_U

ClientSampleId :

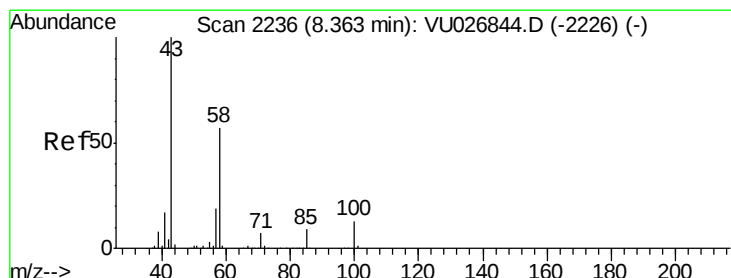
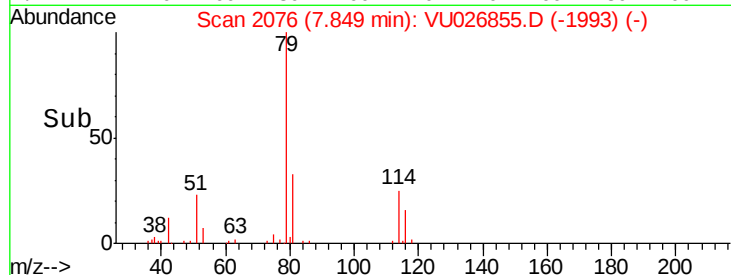
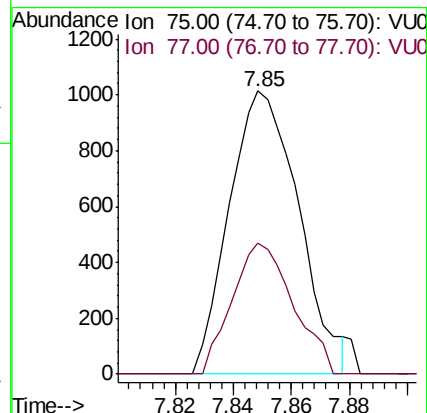
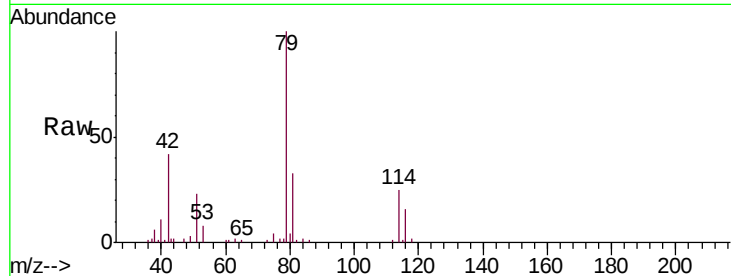
C08S8

Tgt Ion: 75 Resp: 1680

Ion Ratio Lower Upper

75 100

77 46.5 22.8 42.4#



#48

2-Hexanone

Concen: 5.686 ug/L

RT: 8.31 min Scan# 2221

Delta R.T. -0.05 min

Lab File: VU026855.D

Acq: 18 Sep 2018 12:31

Tgt Ion: 43 Resp: 10493

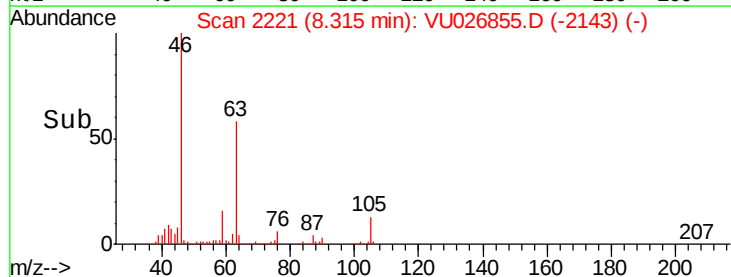
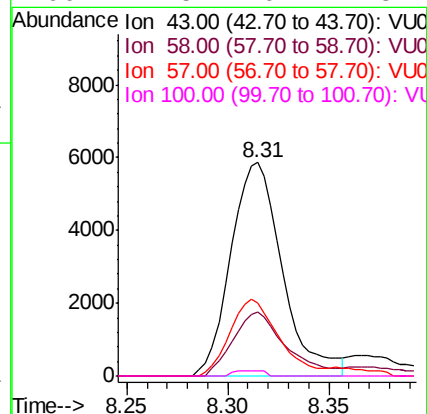
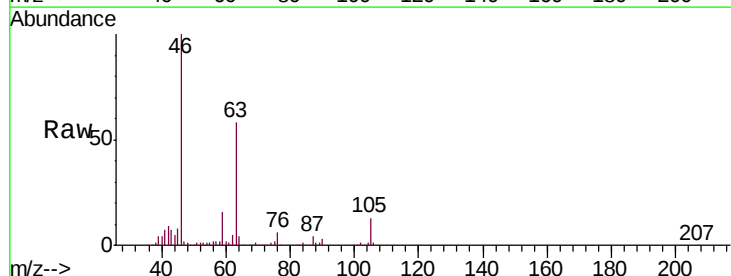
Ion Ratio Lower Upper

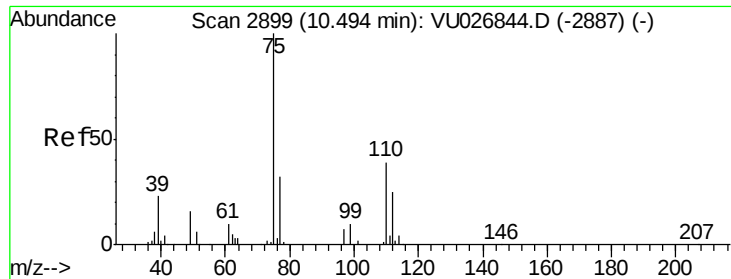
43 100

58 30.5 44.9 67.3#

57 33.9 15.4 23.2#

100 1.5 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 4.409 ug/L

RT: 11.49 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026855.D

Acq: 18 Sep 2018 12:31

Instrument :

MSVOA_U

ClientSampleId :

C08S8

Tgt Ion: 75 Resp: 10170

Ion Ratio Lower Upper

75 100

77 39.1 25.5 38.3#

