

Data File : VU026647.D
Acq On : 10 Sep 2018 13:51
Operator : MD/SY
Sample : J4837-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08S6

Quant Time: Sep 11 05:30:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	193575	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	177340	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77817	50.00	ug/L	0.00

System Monitoring Compounds

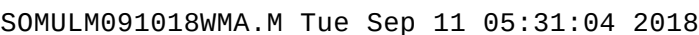
4) Vinyl Chloride-d3	1.40	65	68595	47.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.10%
7) Chloroethane-d5	1.68	69	58421	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.52%
11) 1,1-Dichloroethene-d2	2.27	63	91026	35.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.52%
21) 2-Butanone-d5	4.18	46	94803	105.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.61%
24) Chloroform-d	4.65	84	112186	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
26) 1,2-Dichloroethane-d4	5.31	65	76616	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
32) Benzene-d6	5.34	84	235270	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
36) 1,2-Dichloropropane-d6	6.33	67	80421	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.42%
41) Toluene-d8	7.57	98	212309	49.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	35398	49.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.86%
47) 2-Hexanone-d5	8.31	63	66917	106.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103971	49.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	80969	52.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.38%

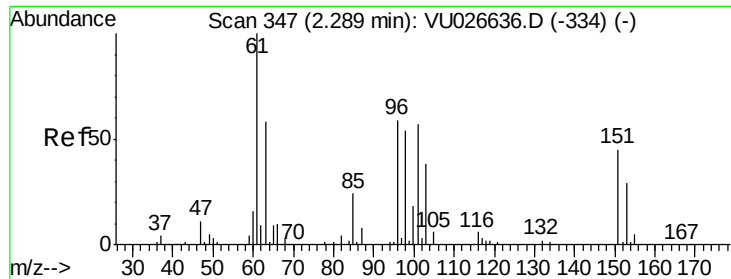
Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	744	0.626 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	701	0.614 ug/L #	1
13) Acetone	2.32	43	2262	2.212 ug/L	99
25) Chloroform	4.68	83	2997	1.271 ug/L	93
35) Methylcyclohexane	6.33	83	17601	8.908 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8202	5.912 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2028	0.988 ug/L #	48
44) trans-1,3-Dichloropropene	7.85	75	1504	0.787 ug/L	94
48) 2-Hexanone	8.31	43	7981	5.342 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	9285	5.656 ug/L	93

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

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Quant Method : Z:\V\OASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration





#10

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

Concen: 0.626 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU026647.D

Acq: 10 Sep 2018 13:51

Instrument :

MSVOA_U

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C08S6

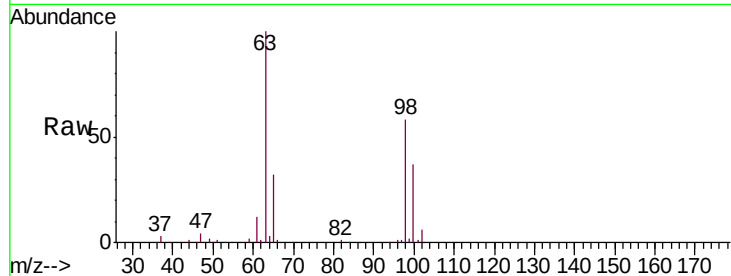
Tgt Ion: 101 Resp: 744

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

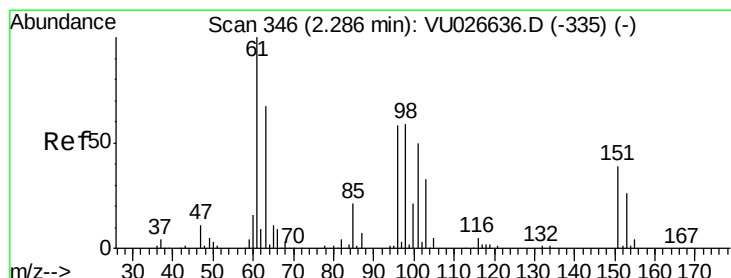
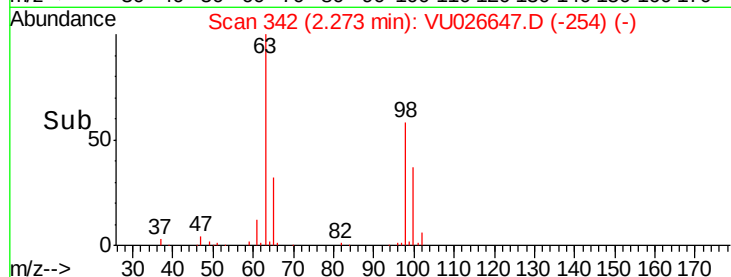
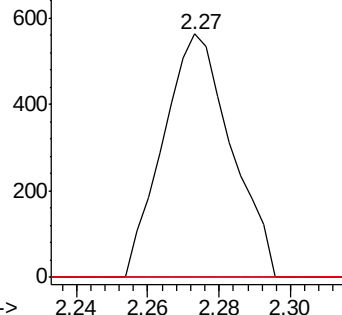
151 0.0 62.6 94.0#



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: 0.614 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026647.D

Acq: 10 Sep 2018 13:51

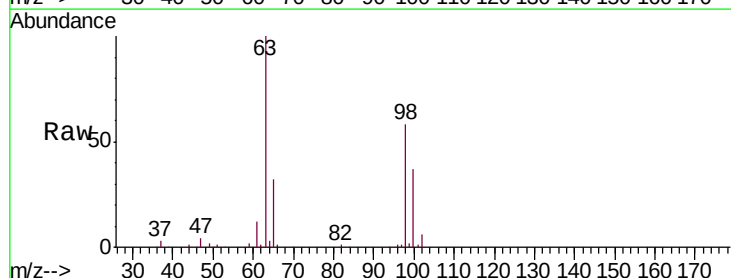
Tgt Ion: 96 Resp: 701

Ion Ratio Lower Upper

96 100

61 1515.0 121.0 224.8#

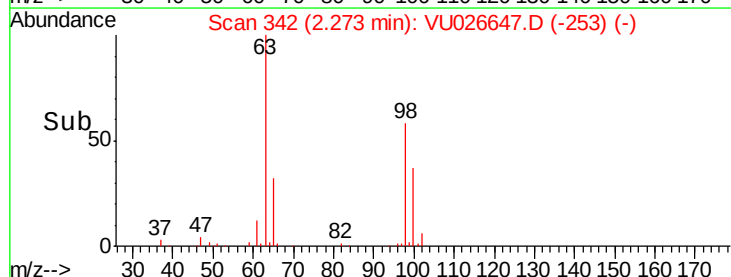
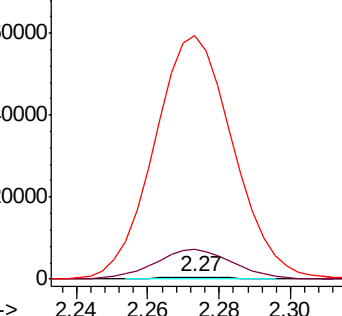
63 12581.4 89.9 166.9#

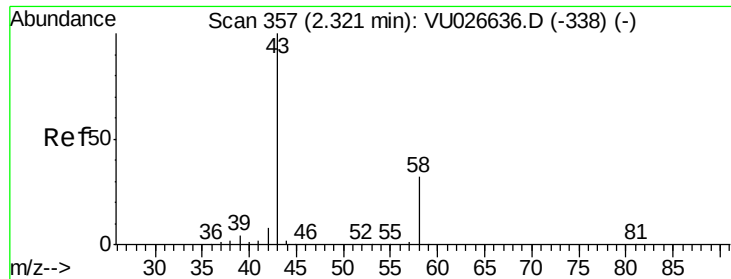


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.212 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

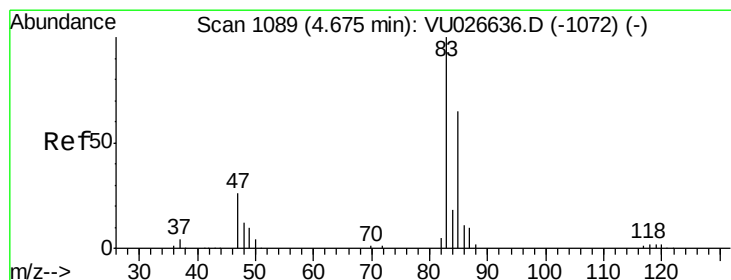
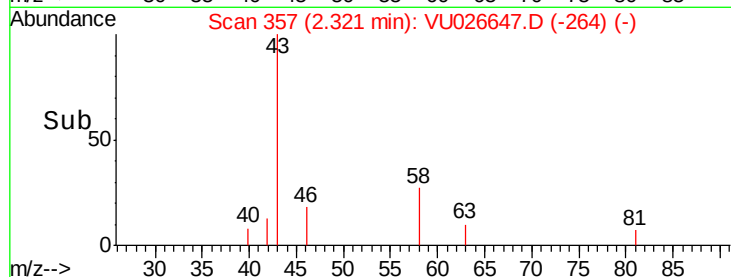
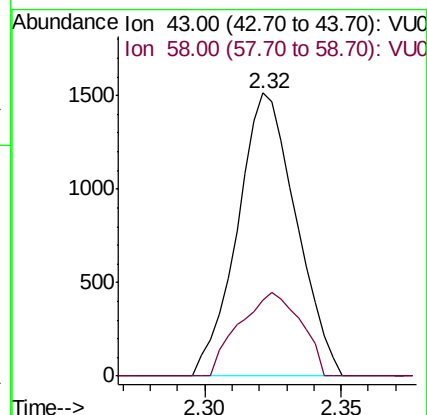
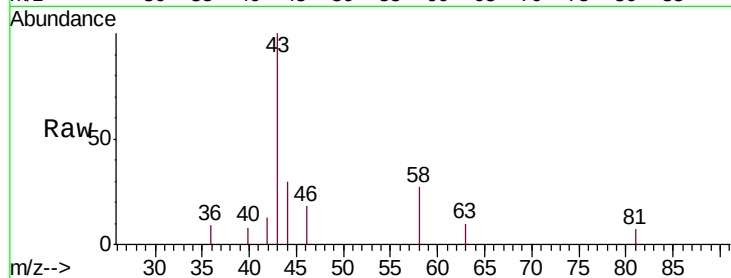
C08S6

Tgt Ion: 43 Resp: 2262

Ion Ratio Lower Upper

43 100

58 31.1 0.0 62.8



#25

Chloroform

Concen: 1.271 ug/L

RT: 4.68 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VU026647.D

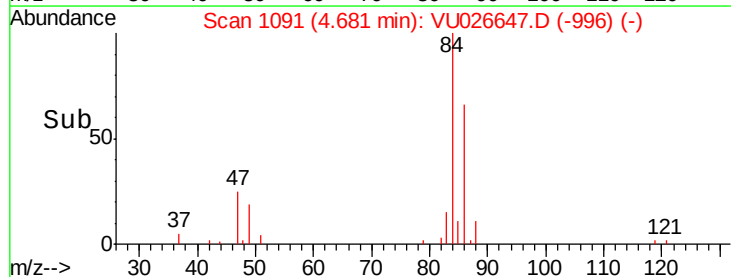
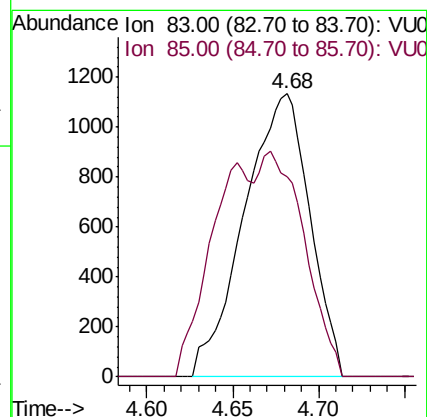
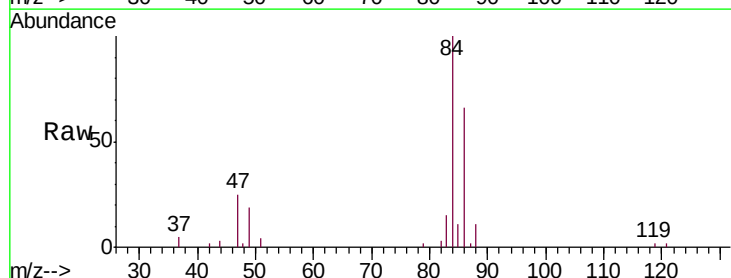
Acq: 10 Sep 2018 13:51

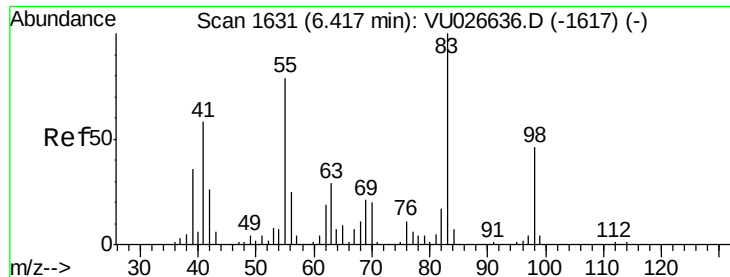
Tgt Ion: 83 Resp: 2997

Ion Ratio Lower Upper

83 100

85 70.7 45.6 84.6

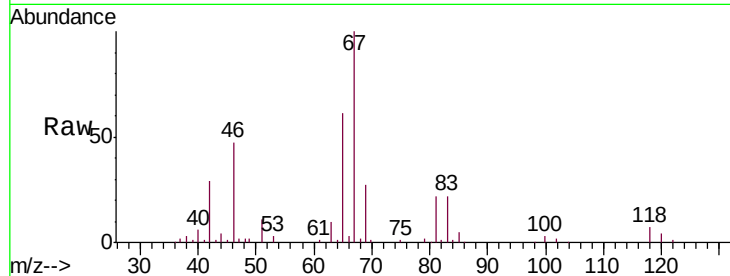




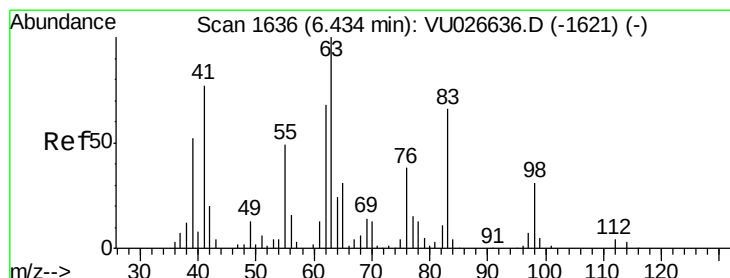
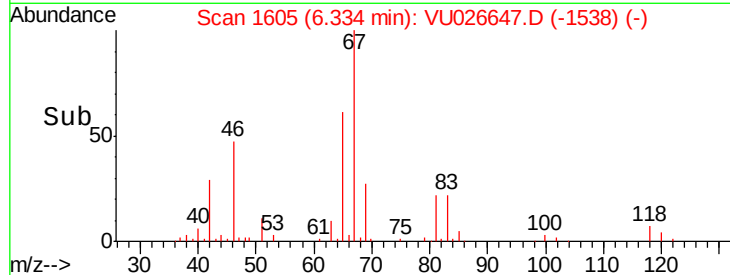
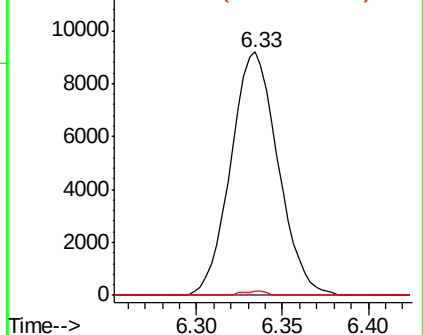
#35
Methylcyclohexane
Concen: 8.908 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026647.D
Acq: 10 Sep 2018 13:51

Instrument :
MSVOA_U
ClientSampleId :
C08S6

Tgt Ion: 83 Resp: 17601
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.0 37.0 55.4#

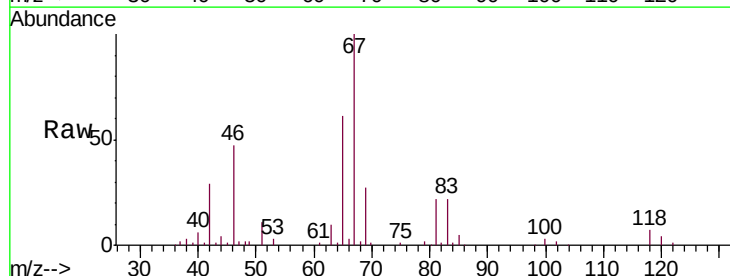


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

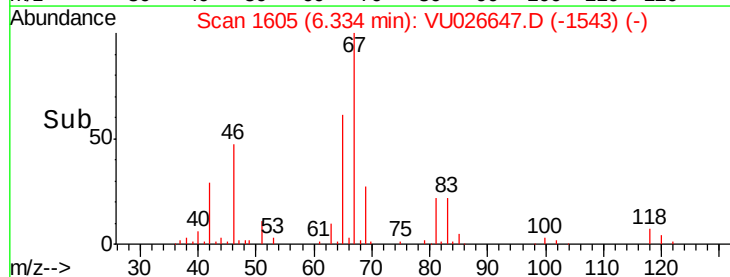
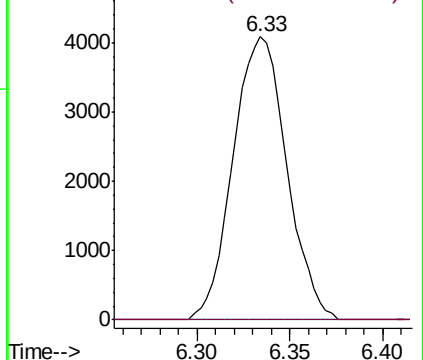


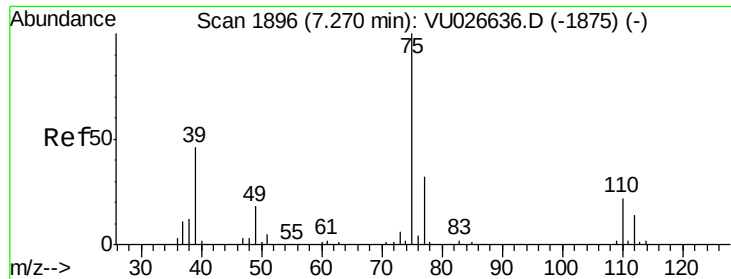
#37
1,2-Dichloropropane
Concen: 5.912 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026647.D
Acq: 10 Sep 2018 13:51

Tgt Ion: 63 Resp: 8202
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

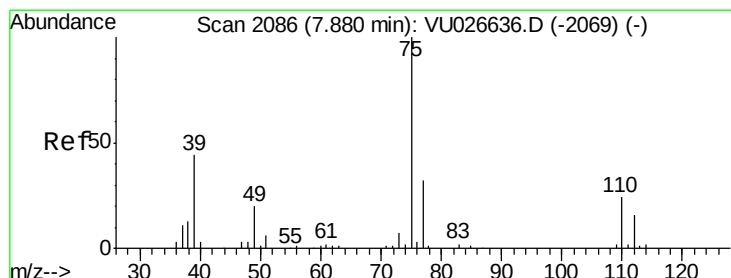
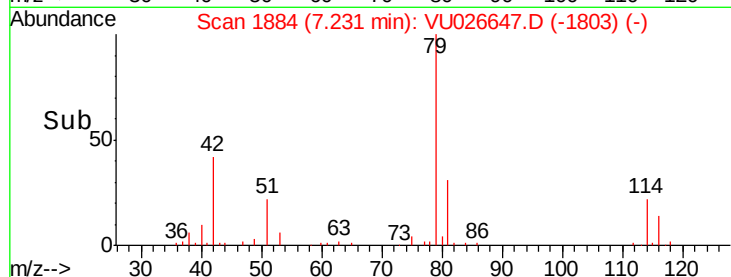
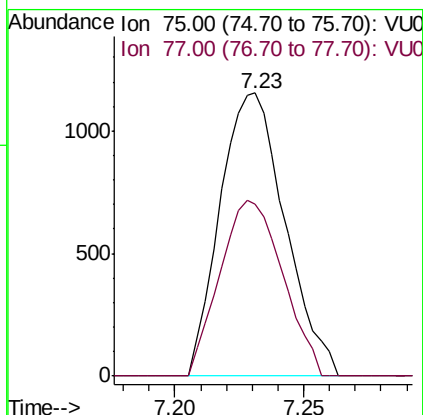
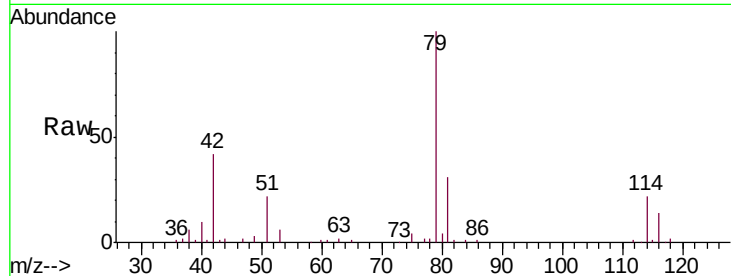




#39
 cis-1,3-Dichloropropene
 Concen: 0.988 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026647.D
 Acq: 10 Sep 2018 13:51

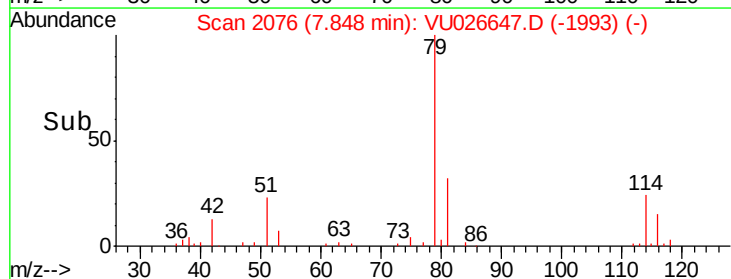
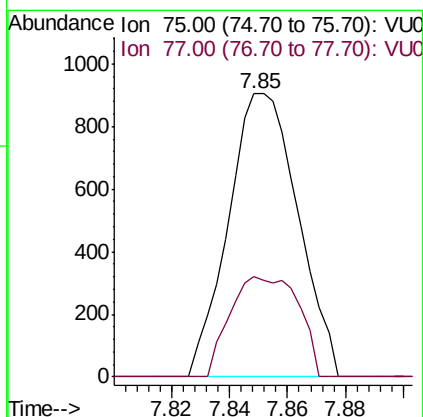
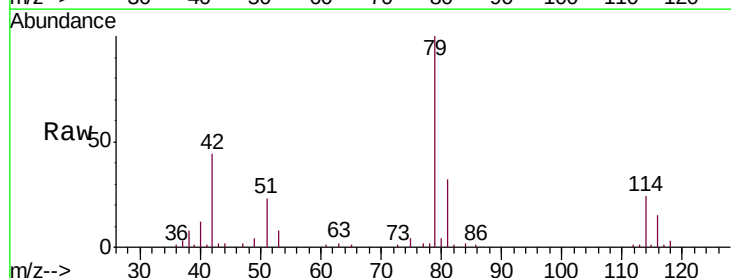
Instrument :
 MSVOA_U
 ClientSampleId :
 C08S6

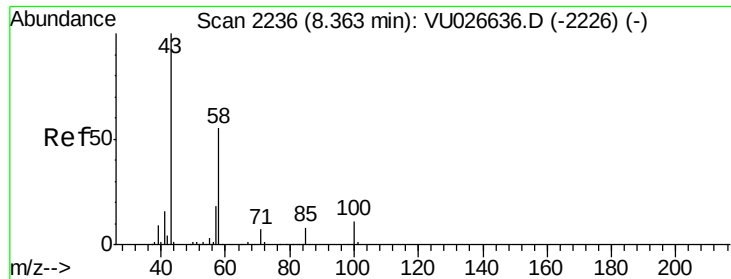
Tgt Ion: 75 Resp: 2028
 Ion Ratio Lower Upper
 75 100
 77 61.0 22.3 41.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.787 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU026647.D
 Acq: 10 Sep 2018 13:51

Tgt Ion: 75 Resp: 1504
 Ion Ratio Lower Upper
 75 100
 77 35.3 22.4 41.6

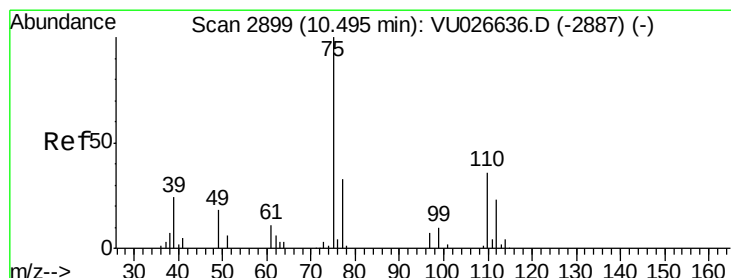
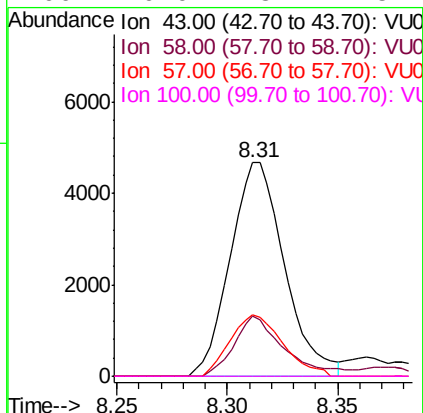
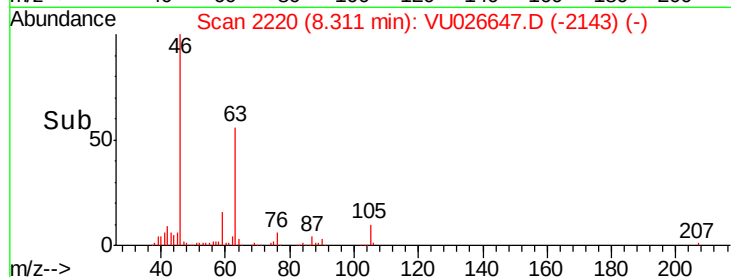
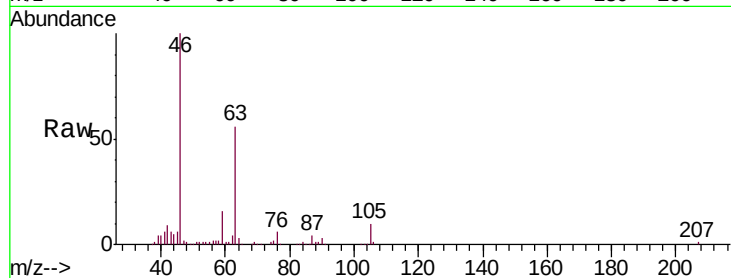




#48
 2-Hexanone
 Concen: 5.342 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU026647.D
 Acq: 10 Sep 2018 13:51

Instrument :
 MSVOA_U
 ClientSampleId :
 C08S6

Tgt Ion: 43 Resp: 7981
 Ion Ratio Lower Upper
 43 100
 58 26.8 42.2 63.4#
 57 27.8 14.4 21.6#
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.656 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026647.D
 Acq: 10 Sep 2018 13:51

Tgt Ion: 75 Resp: 9285
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.8 38.6

