

Data File : VU026840.D
Acq On : 17 Sep 2018 22:51
Operator : MD/SY
Sample : J4893-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08L8

Quant Time: Sep 18 01:40:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	237108	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	225176	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90498	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82293	46.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.84%
7) Chloroethane-d5	1.68	69	73130	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.42%
11) 1,1-Dichloroethene-d2	2.27	63	120376	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.54%
21) 2-Butanone-d5	4.18	46	119481	102.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.65%
24) Chloroform-d	4.65	84	155993	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
26) 1,2-Dichloroethane-d4	5.31	65	102468	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
32) Benzene-d6	5.34	84	318854	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
36) 1,2-Dichloropropane-d6	6.33	67	105308	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.58%
41) Toluene-d8	7.57	98	270686	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%
43) trans-1,3-Dichloropropene-	7.85	79	42688	47.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.04%
47) 2-Hexanone-d5	8.31	63	83112	104.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140228	49.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	105287	55.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.86%

Target Compounds

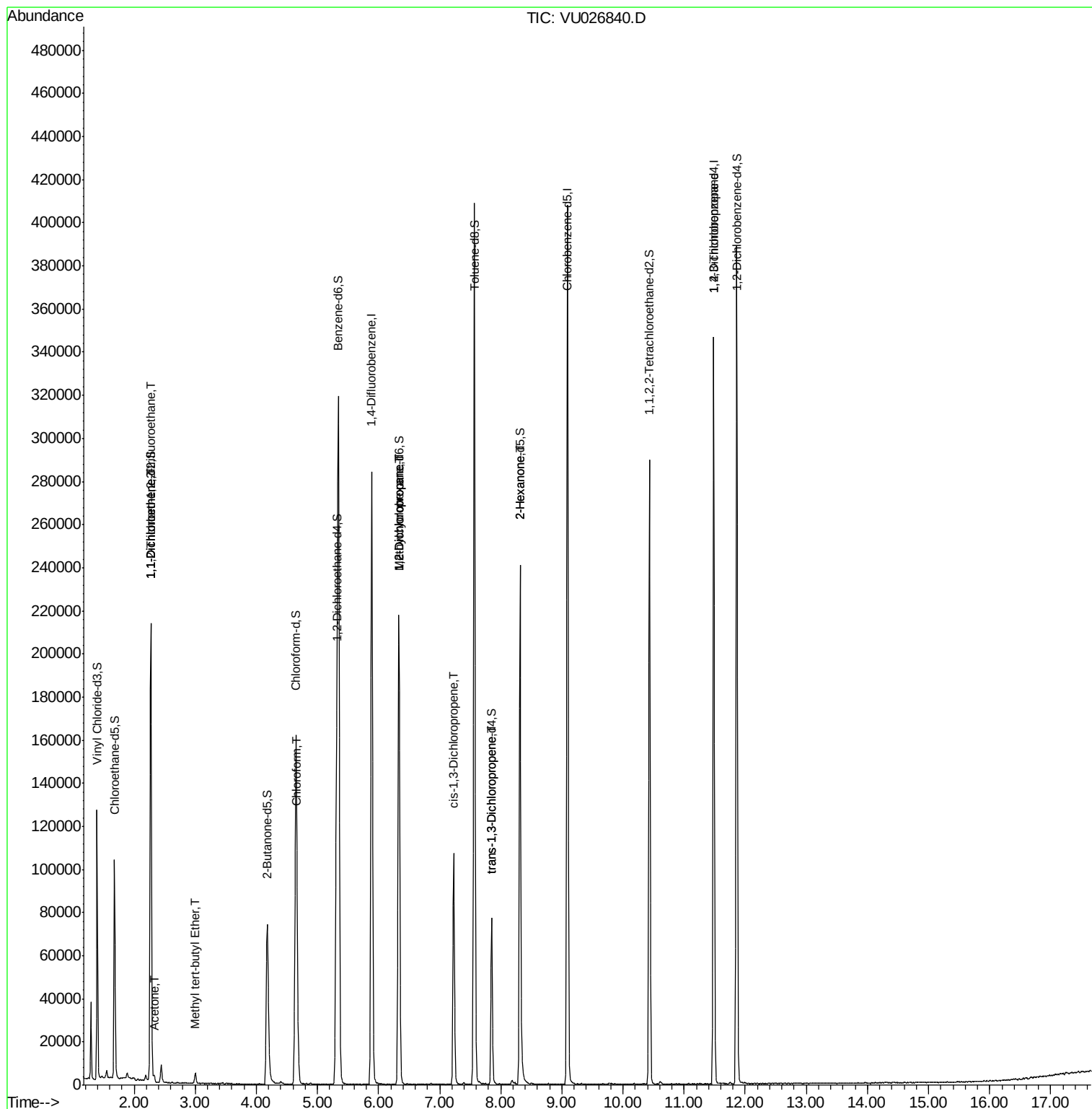
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1014	0.619	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	905	0.589	ug/L #	1
13) Acetone	2.32	43	1803	1.576	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	4690	0.947	ug/L #	90
25) Chloroform	4.67	83	15884	4.801	ug/L	98
35) Methylcyclohexane	6.33	83	24401	8.935	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	11268	5.876	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2582	0.953	ug/L #	82
44) trans-1,3-Dichloropropene	7.85	75	1742	0.687	ug/L #	77
48) 2-Hexanone	8.31	43	9572	5.208	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	10628	4.627	ug/L	96

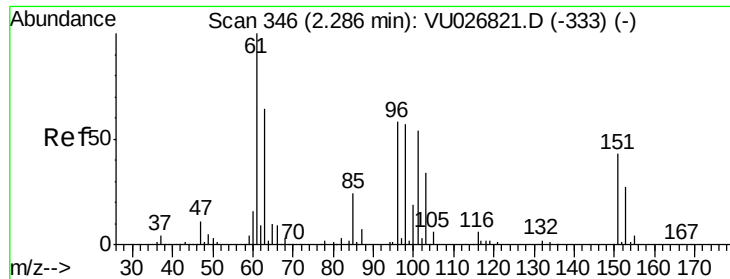
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.619 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

C08L8

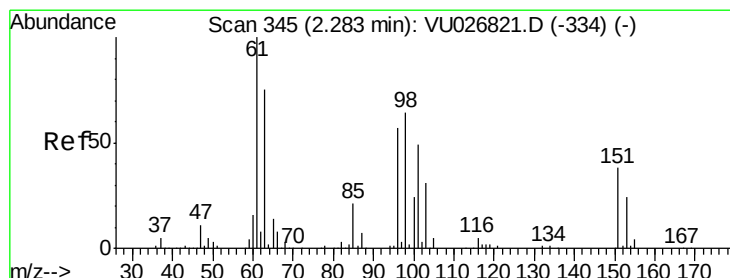
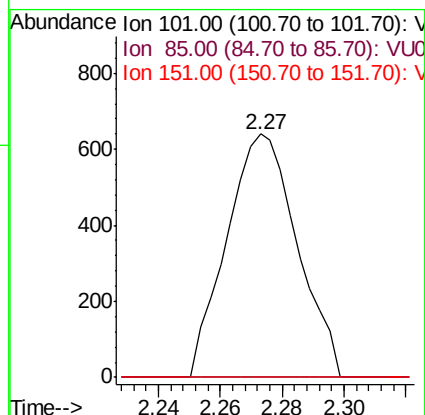
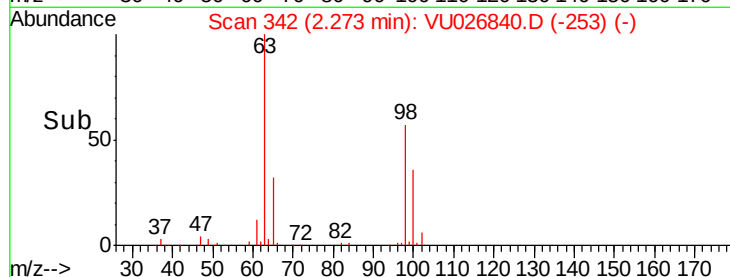
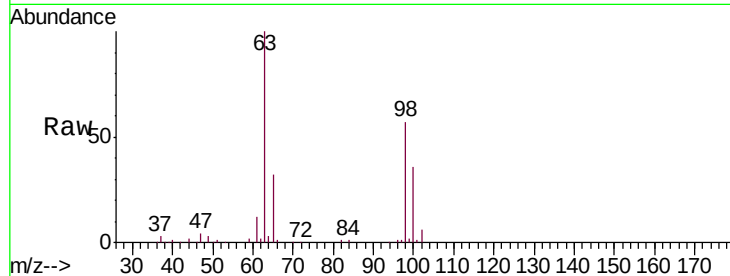
Tgt Ion: 101 Resp: 1014

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#



#12

1,1-Dichloroethene

Concen: 0.589 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026840.D

Acq: 17 Sep 2018 22:51

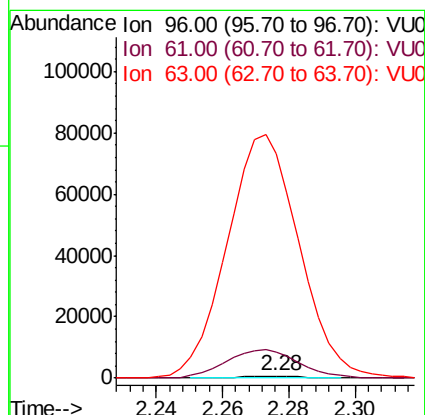
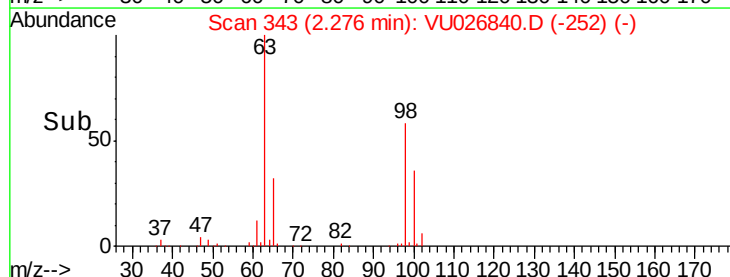
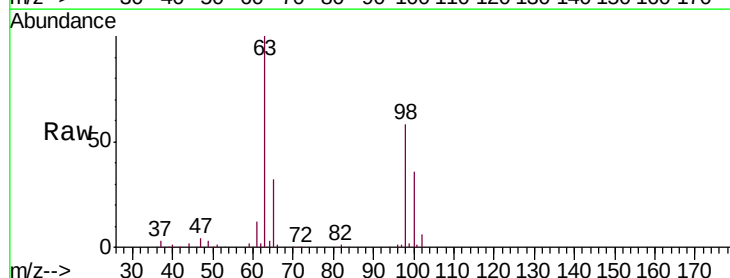
Tgt Ion: 96 Resp: 905

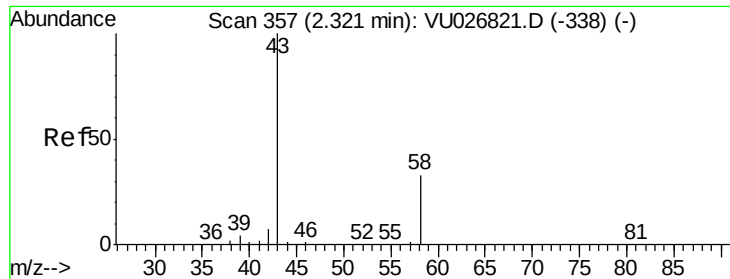
Ion Ratio Lower Upper

96 100

61 1327.3 124.0 230.4#

63 11384.4 97.7 181.5#





#13

Acetone

Concen: 1.576 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026840.D

Acq: 17 Sep 2018 22:51

Instrument :

MSVOA_U

ClientSampleId :

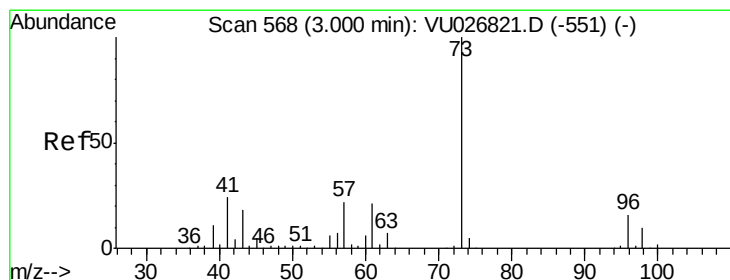
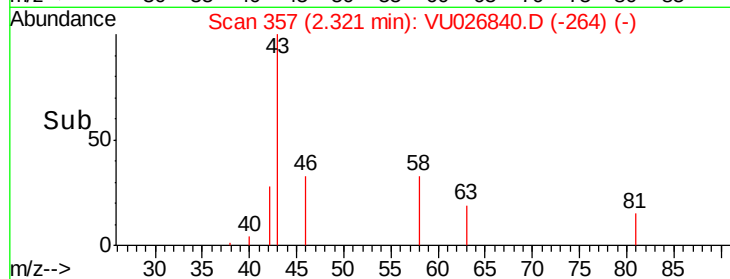
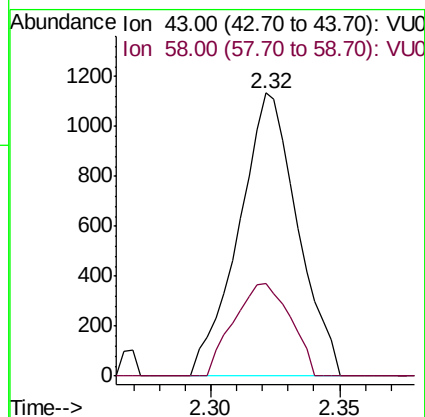
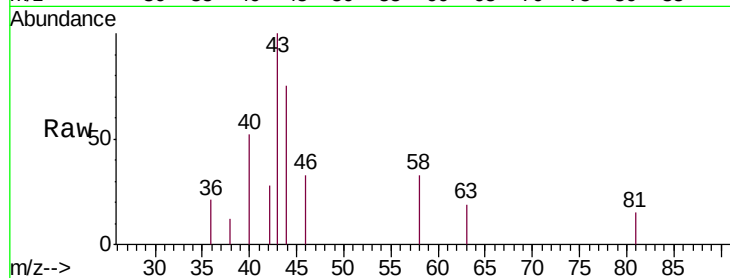
C08L8

Tgt Ion: 43 Resp: 1803

Ion Ratio Lower Upper

43 100

58 31.5 0.0 64.6



#18

Methyl tert-butyl Ether

Concen: 0.947 ug/L

RT: 3.00 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU026840.D

Acq: 17 Sep 2018 22:51

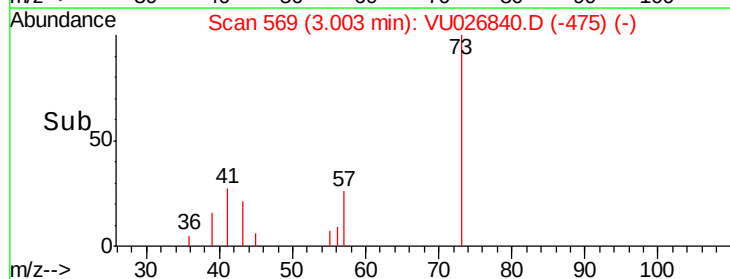
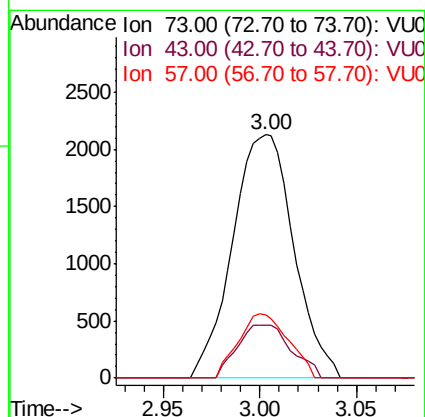
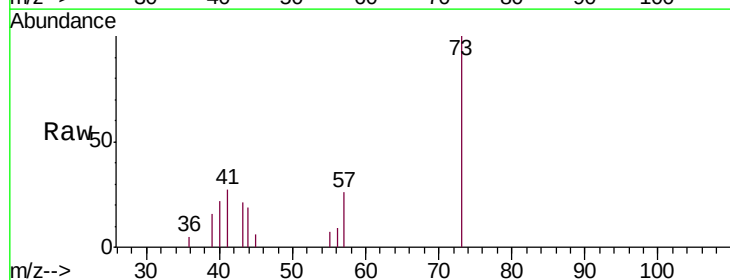
Tgt Ion: 73 Resp: 4690

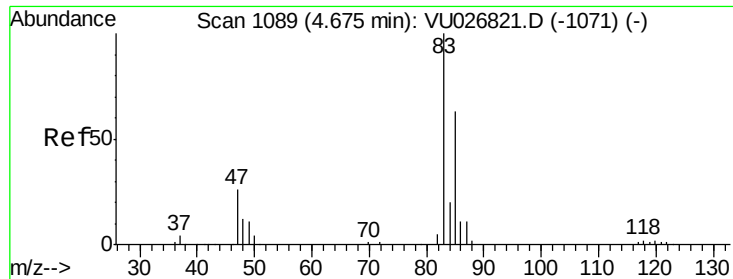
Ion Ratio Lower Upper

73 100

43 10.7 15.3 22.9#

57 21.5 18.1 27.1

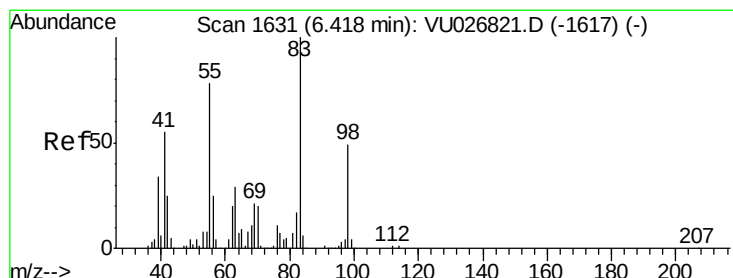
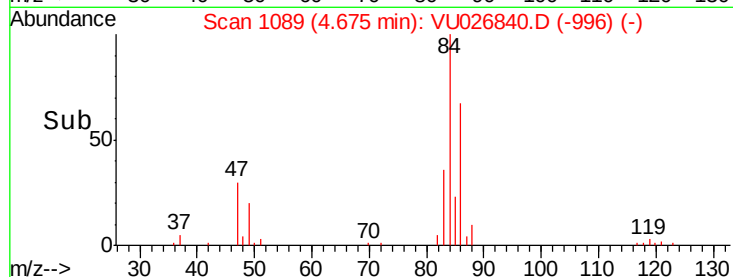
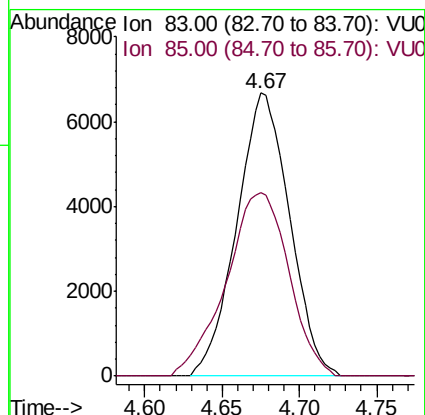
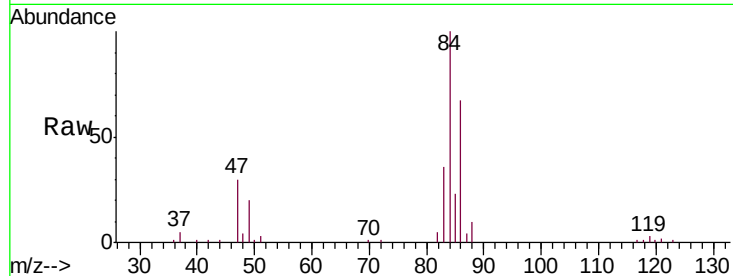




#25
Chloroform
Concen: 4.801 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026840.D
Acq: 17 Sep 2018 22:51

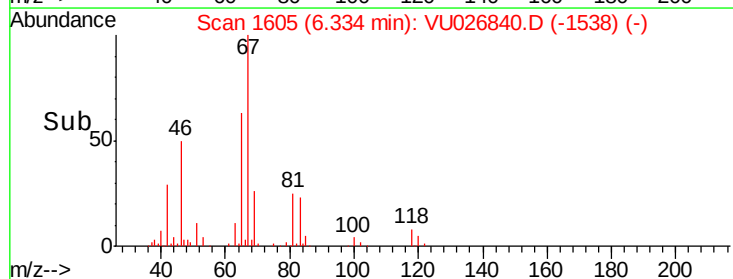
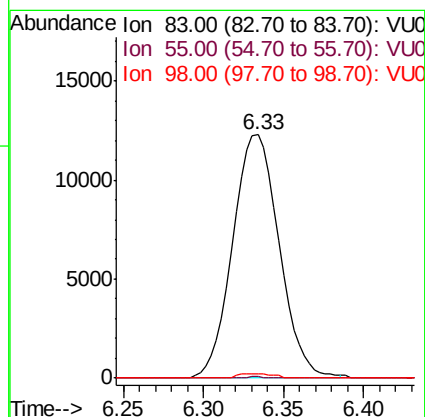
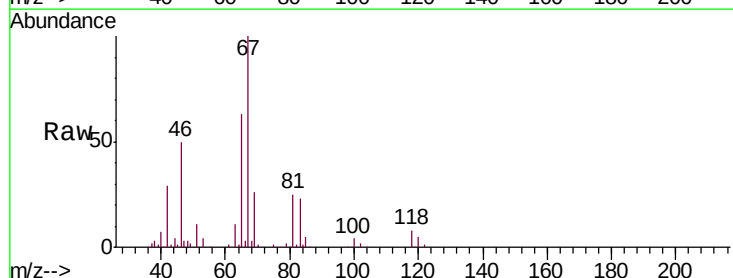
Instrument :
MSVOA_U
ClientSampleId :
C08L8

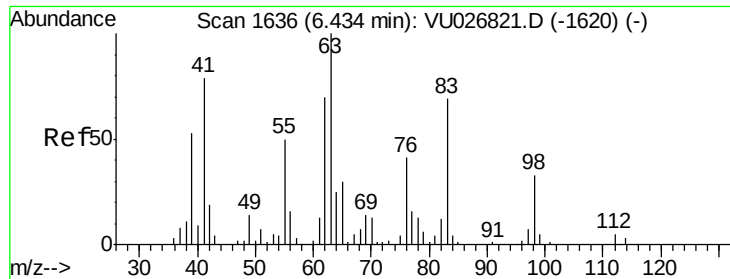
Tgt Ion: 83 Resp: 15884
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.5



#35
Methylcyclohexane
Concen: 8.935 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026840.D
Acq: 17 Sep 2018 22:51

Tgt Ion: 83 Resp: 24401
Ion Ratio Lower Upper
83 100
55 0.2 61.7 92.5#
98 0.6 38.3 57.5#

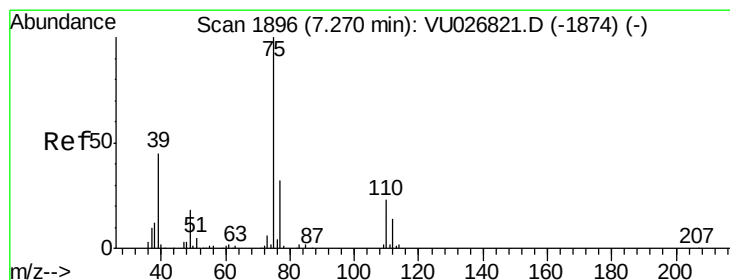
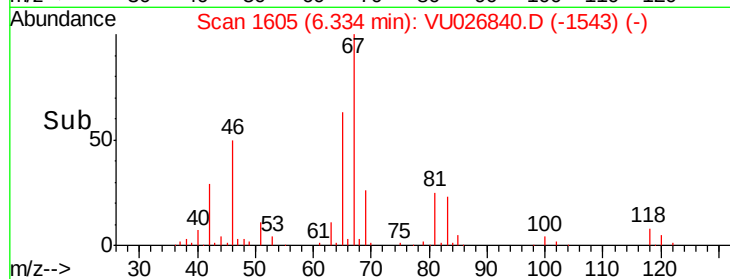
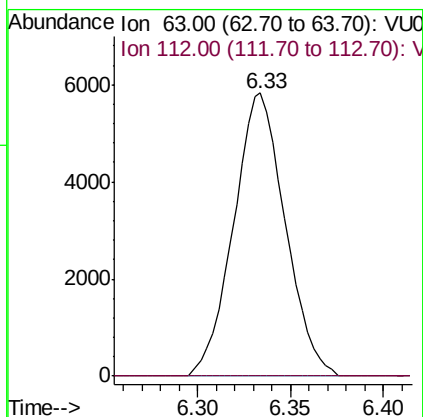
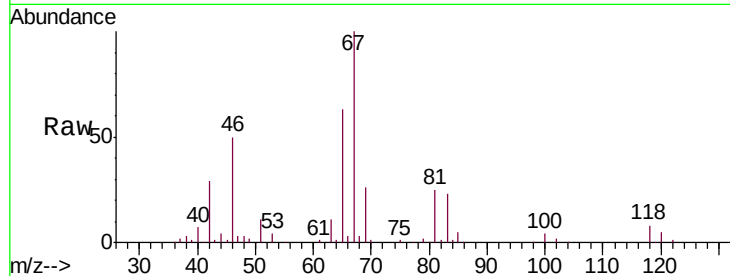




#37
 1,2-Dichloropropane
 Concen: 5.876 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026840.D
 Acq: 17 Sep 2018 22:51

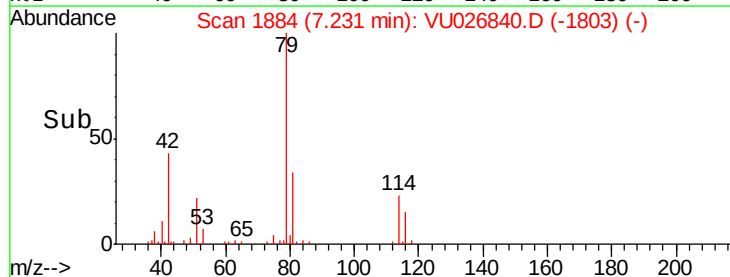
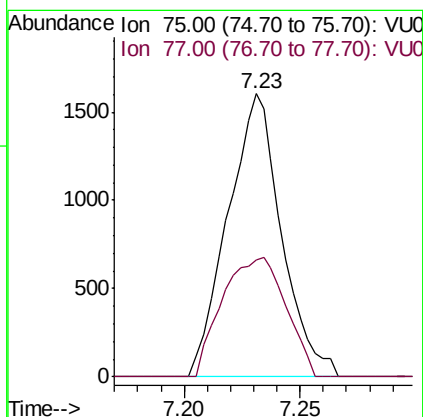
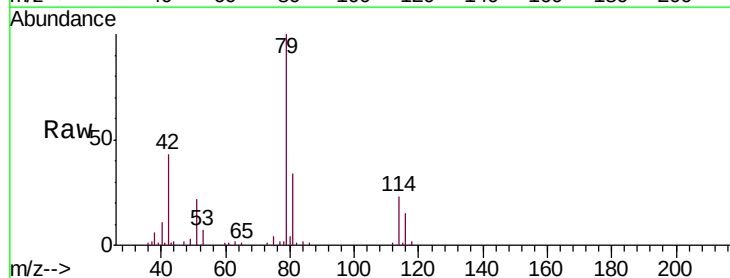
Instrument :
 MSVOA_U
 ClientSampled :
 C08L8

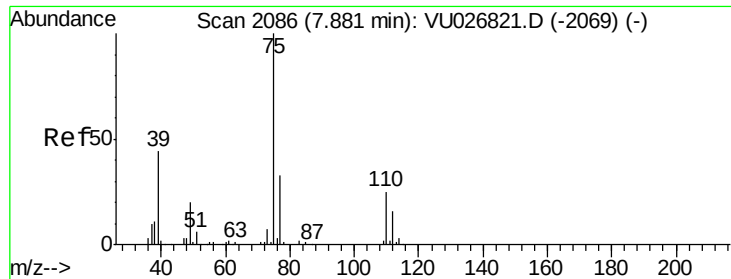
Tgt Ion: 63 Resp: 11268
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.953 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026840.D
 Acq: 17 Sep 2018 22:51

Tgt Ion: 75 Resp: 2582
 Ion Ratio Lower Upper
 75 100
 77 41.5 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.687 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026840.D

Acq: 17 Sep 2018 22:51

Instrument :

MSVOA_U

ClientSampled :

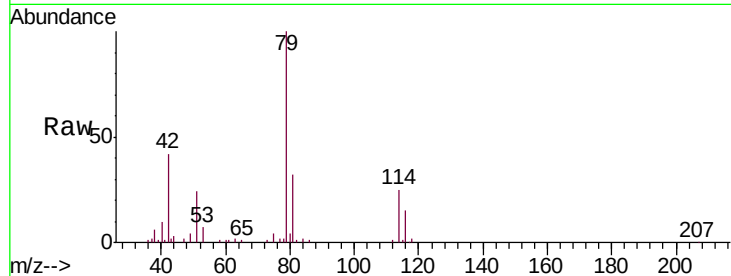
C08L8

Tgt Ion: 75 Resp: 1742

Ion Ratio Lower Upper

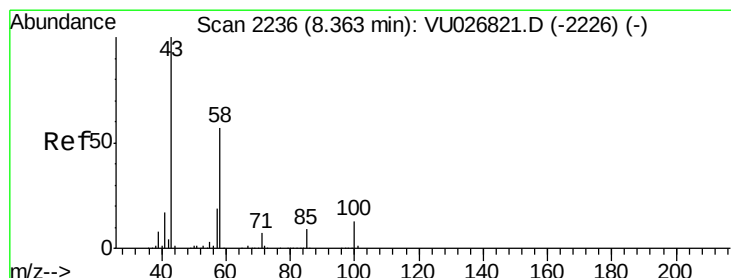
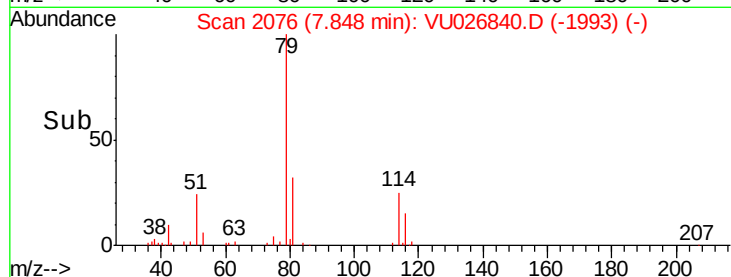
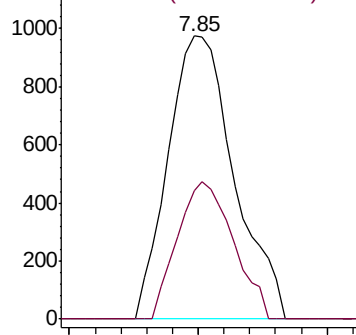
75 100

77 45.5 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#48

2-Hexanone

Concen: 5.208 ug/L

RT: 8.31 min Scan# 2221

Delta R.T. -0.05 min

Lab File: VU026840.D

Acq: 17 Sep 2018 22:51

Tgt Ion: 43 Resp: 9572

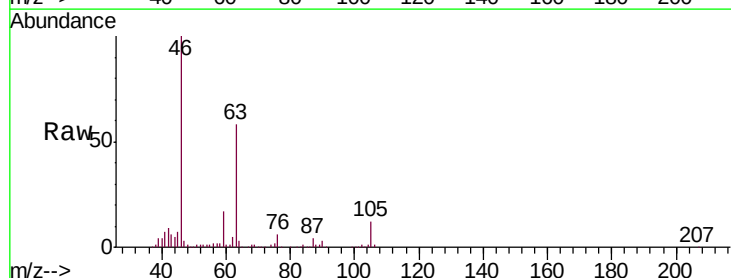
Ion Ratio Lower Upper

43 100

58 33.7 44.9 67.3#

57 36.6 15.4 23.2#

100 2.0 10.2 15.4#

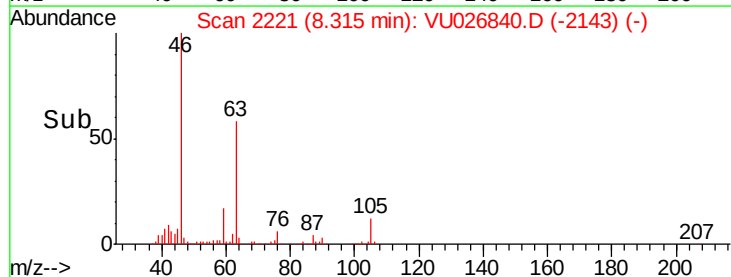
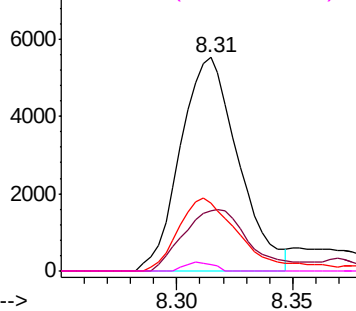


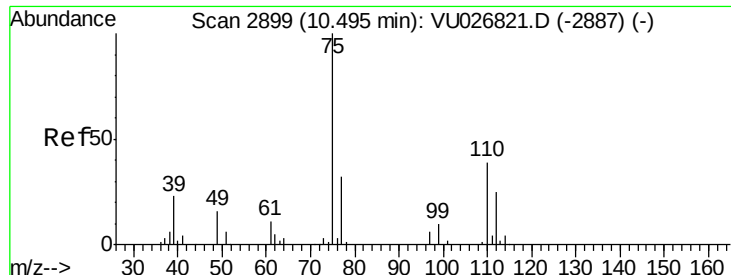
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 4.627 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026840.D

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ClientSampleId :

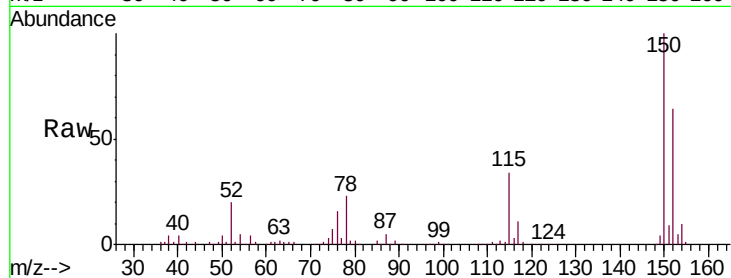
C08L8

Tgt Ion: 75 Resp: 10628

Ion Ratio Lower Upper

75 100

77 34.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

