

Data File : VU026662.D
Acq On : 10 Sep 2018 20:24
Operator : MD/SY
Sample : J4837-05DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08H8DL

Quant Time: Sep 11 07:10:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 07:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	192142	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	177313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75911	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63684	44.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.96%
7) Chloroethane-d5	1.68	69	55209	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.70%
11) 1,1-Dichloroethene-d2	2.27	63	88808	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	4.18	46	97914	109.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.89%
24) Chloroform-d	4.65	84	114277	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.31	65	77063	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
32) Benzene-d6	5.34	84	233313	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
36) 1,2-Dichloropropane-d6	6.33	67	80155	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.10%
41) Toluene-d8	7.57	98	208209	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%
43) trans-1,3-Dichloropropene-	7.85	79	34476	48.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.30%
47) 2-Hexanone-d5	8.31	63	68595	109.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106585	50.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	80529	53.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.42%

Target Compounds

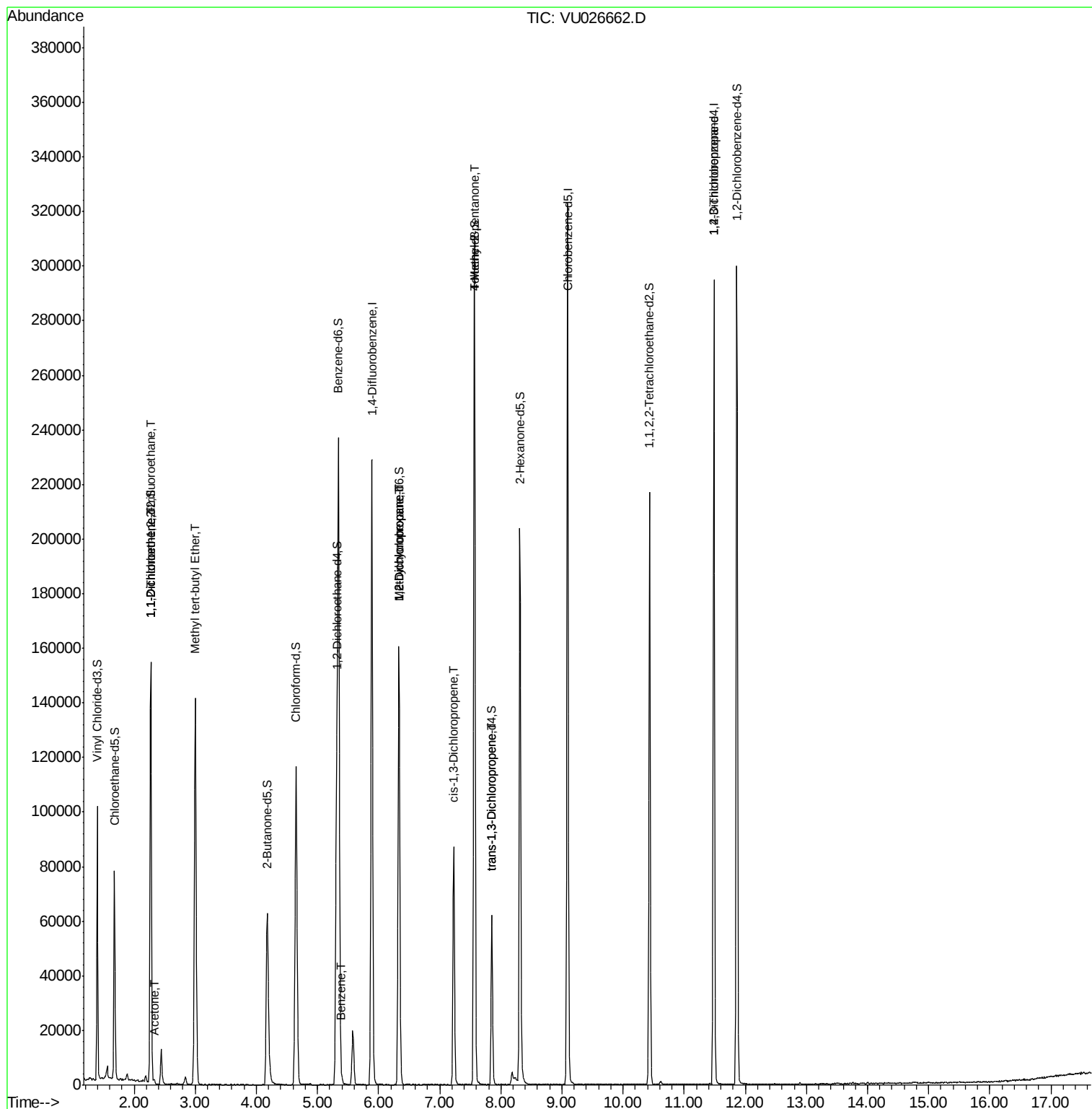
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	861	0.730 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	649	0.573 ug/L #	1
13) Acetone	2.32	43	744	0.733 ug/L	67
18) Methyl tert-butyl Ether	3.00	73	142308	38.471 ug/L	99
33) Benzene	5.40	78	2332	0.470 ug/L	100
35) Methylcyclohexane	6.33	83	17224	8.719 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8400	6.056 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2066	1.007 ug/L #	74
40) 4-Methyl-2-pentanone	7.57	43	887	0.501 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1358	0.711 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	8973	5.467 ug/L	96

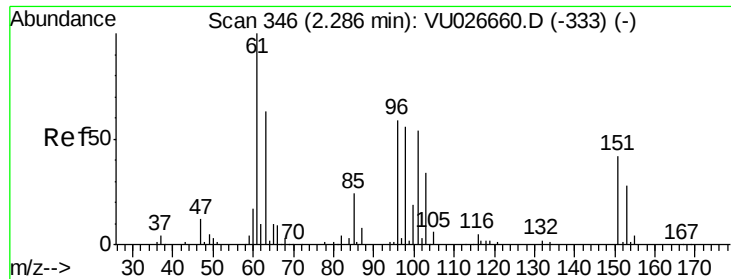
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.730 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026662.D

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MSVOA_U

ClientSampleId :

C08H8DL

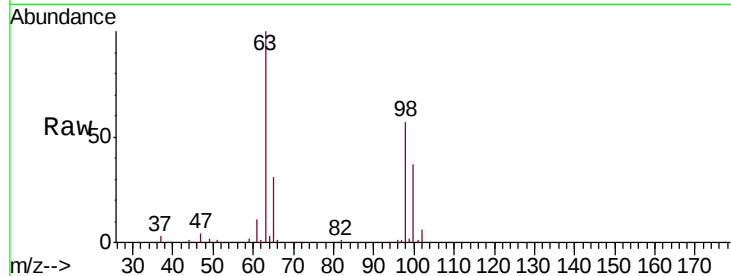
Tgt Ion:101 Resp: 861

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

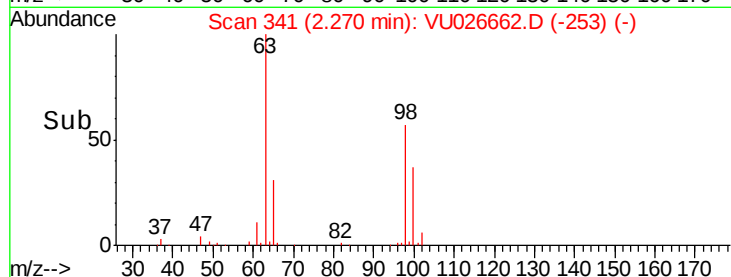
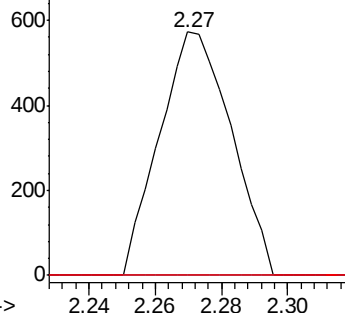
151 0.0 62.6 94.0#



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: 0.573 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026662.D

Acq: 10 Sep 2018 20:24

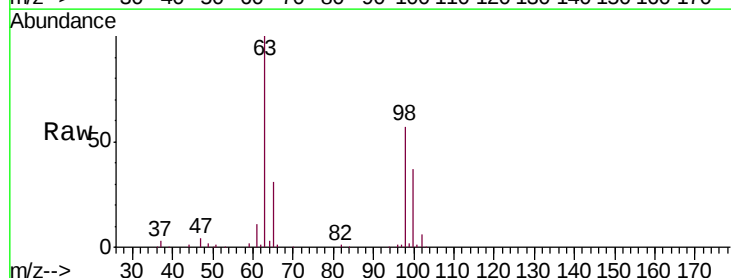
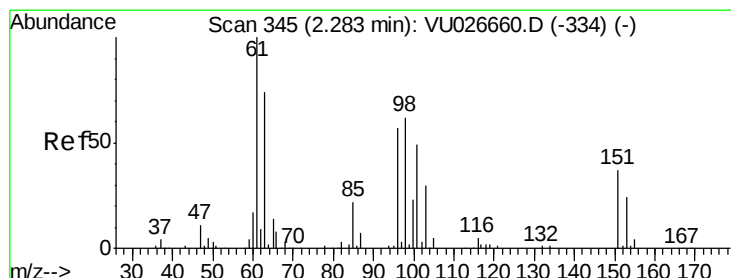
Tgt Ion: 96 Resp: 649

Ion Ratio Lower Upper

96 100

61 1394.7 121.0 224.8#

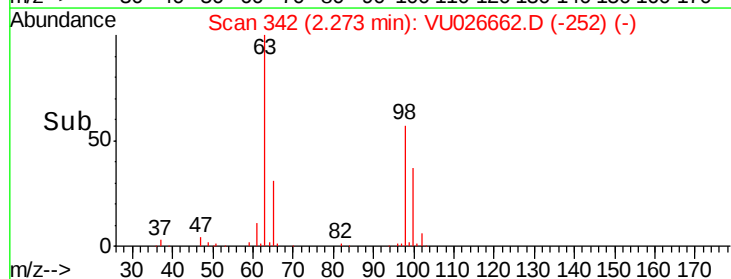
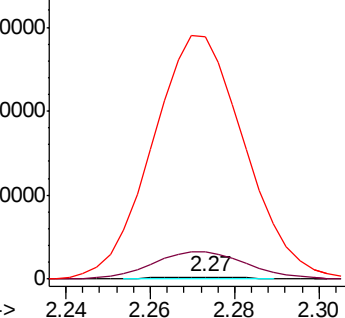
63 12256.5 89.9 166.9#

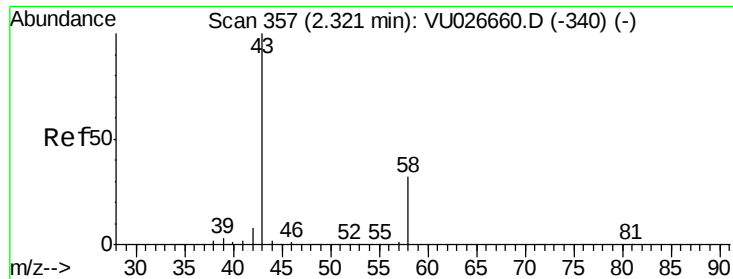


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.733 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

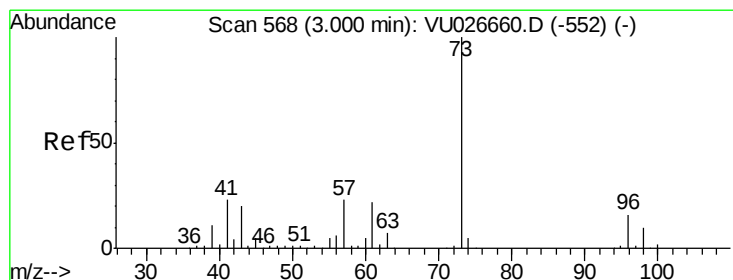
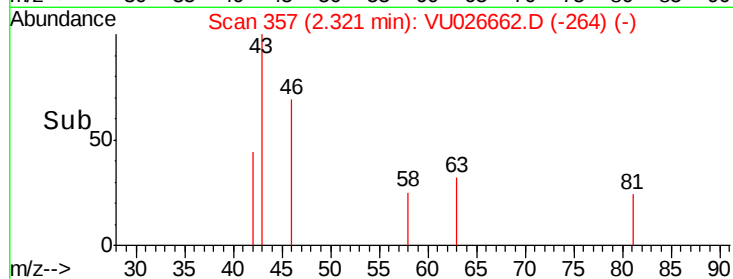
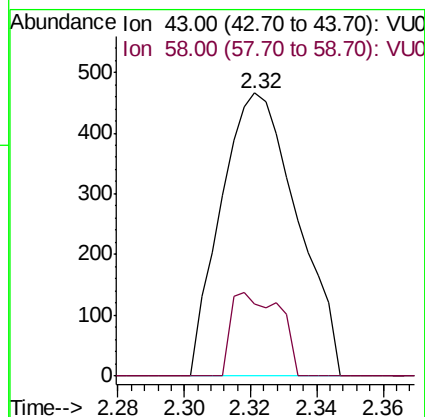
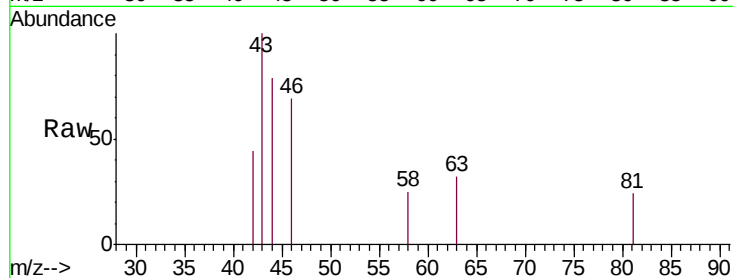
C08H8DL

Tgt Ion: 43 Resp: 744

Ion Ratio Lower Upper

43 100

58 12.9 0.0 62.8



#18

Methyl tert-butyl Ether

Concen: 38.471 ug/L

RT: 3.00 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU026662.D

Acq: 10 Sep 2018 20:24

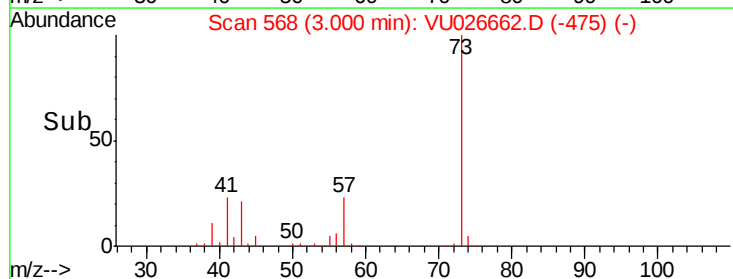
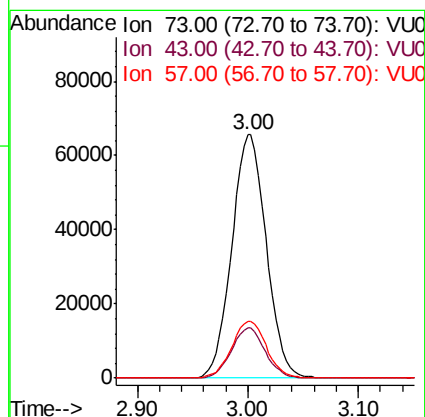
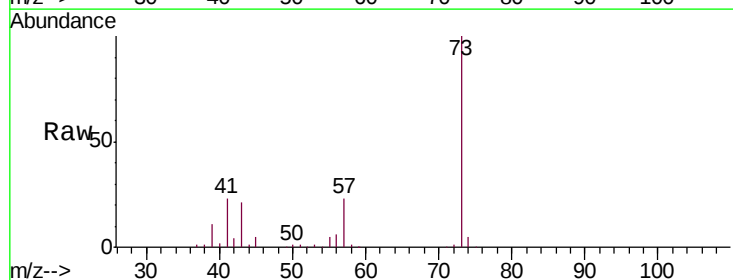
Tgt Ion: 73 Resp: 142308

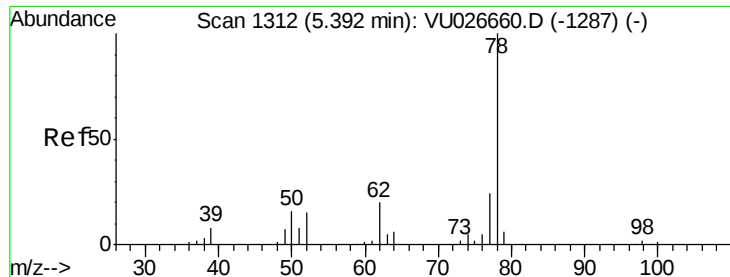
Ion Ratio Lower Upper

73 100

43 20.4 16.0 24.0

57 23.6 18.6 27.8





#33

Benzene

Concen: 0.470 ug/L

RT: 5.40 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU026662.D

Acq: 10 Sep 2018 20:24

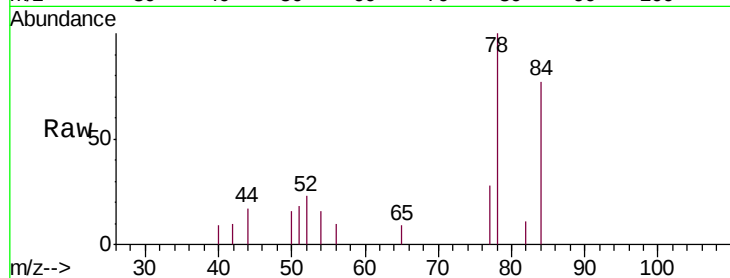
Instrument :

MSVOA_U

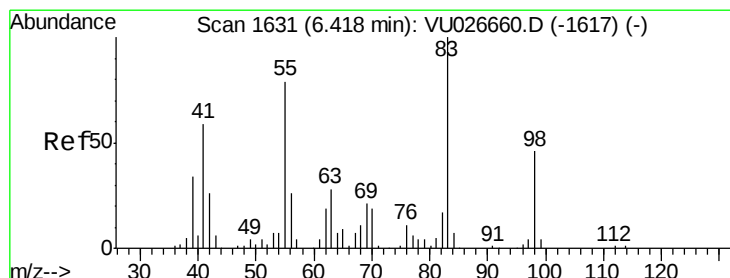
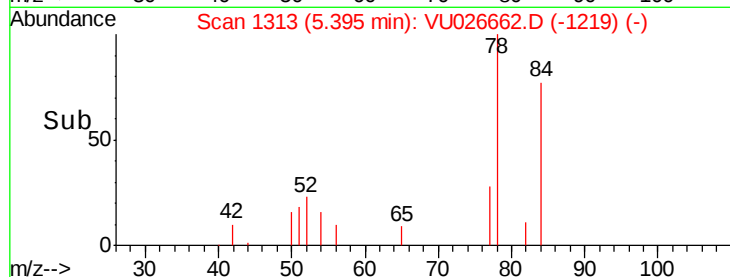
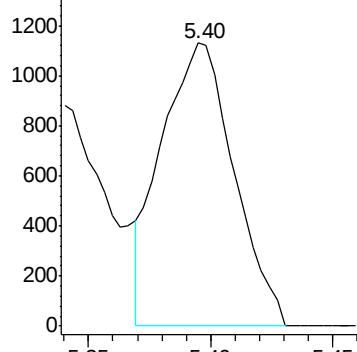
ClientSampleId :

C08H8DL

Tgt Ion: 78 Resp: 2332



Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 8.719 ug/L

RT: 6.33 min Scan# 1605

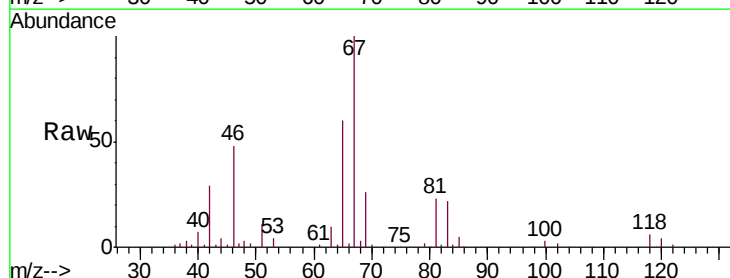
Delta R.T. -0.08 min

Lab File: VU026662.D

Acq: 10 Sep 2018 20:24

Tgt Ion: 83 Resp: 17224

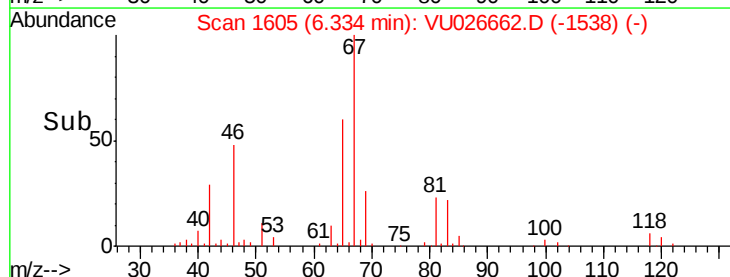
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.9	37.0	55.4#



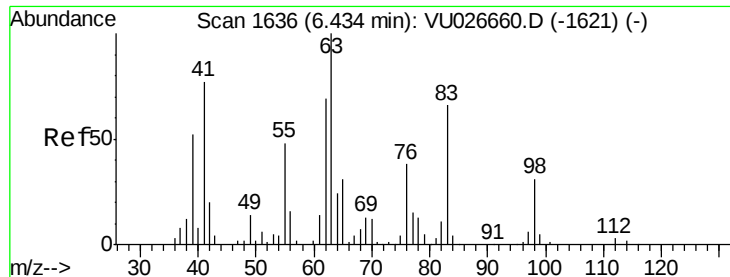
Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



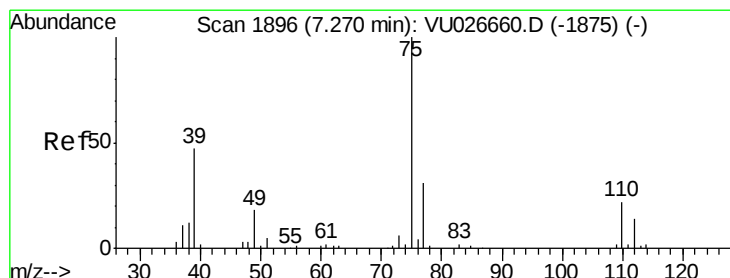
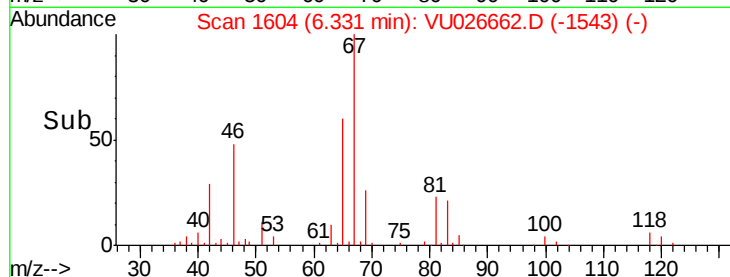
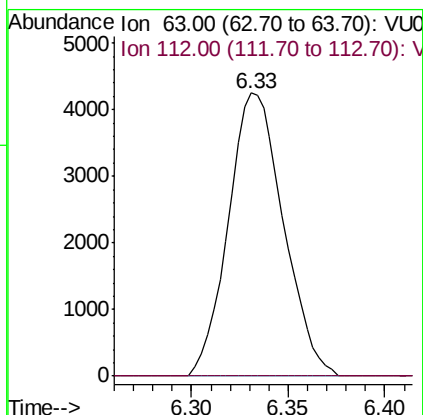
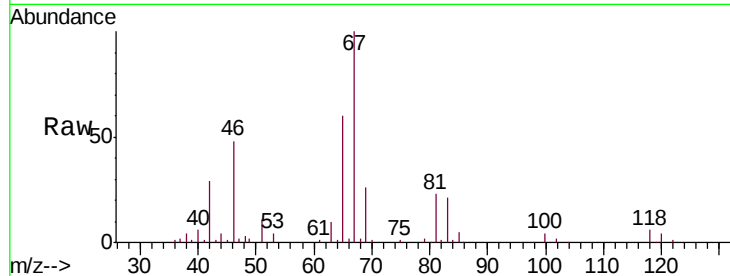
Time-->



#37
 1,2-Dichloropropane
 Concen: 6.056 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026662.D
 Acq: 10 Sep 2018 20:24

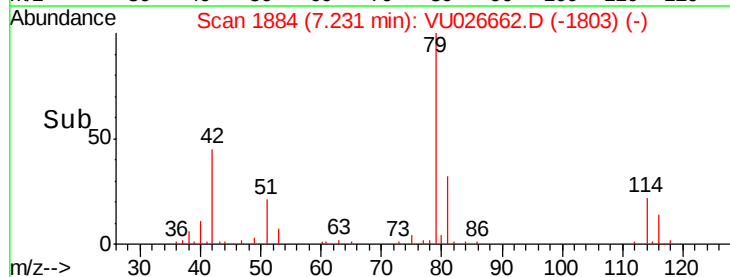
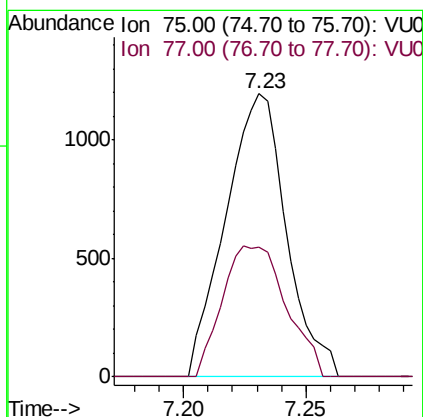
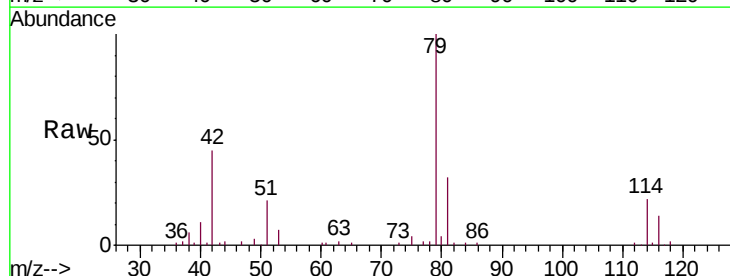
Instrument :
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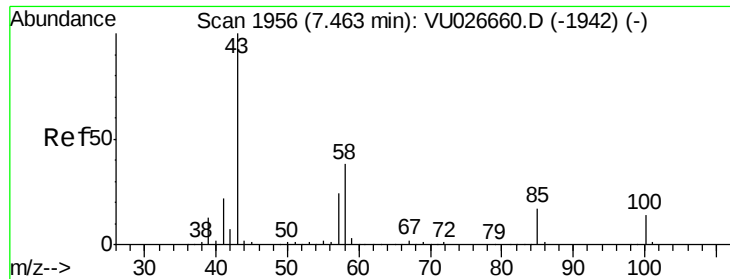
Tgt Ion: 63 Resp: 8400
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.007 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026662.D
 Acq: 10 Sep 2018 20:24

Tgt Ion: 75 Resp: 2066
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.3 41.3#

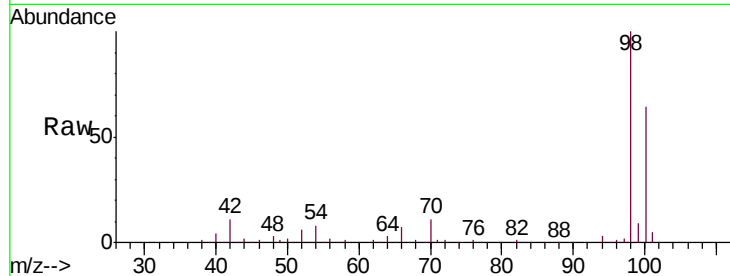




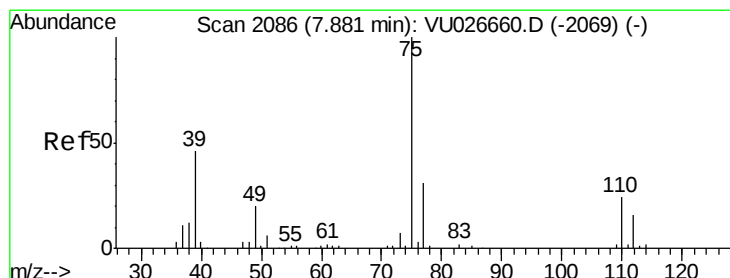
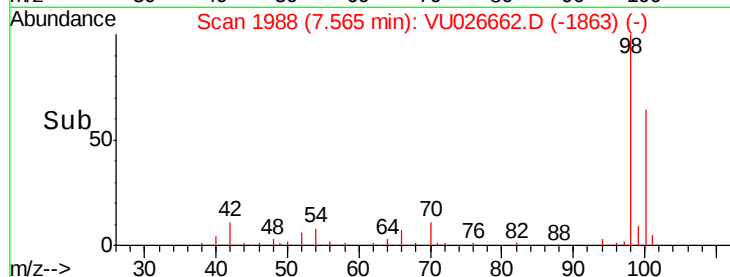
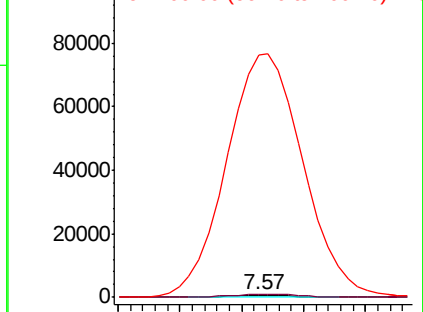
#40
 4-Methyl-2-pentanone
 Concen: 0.501 ug/L
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.10 min
 Lab File: VU026662.D
 Acq: 10 Sep 2018 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C08H8DL

Tgt Ion: 43 Resp: 887
 Ion Ratio Lower Upper
 43 100
 58 189.9 31.1 46.7#
 100 14971.1 11.3 16.9#

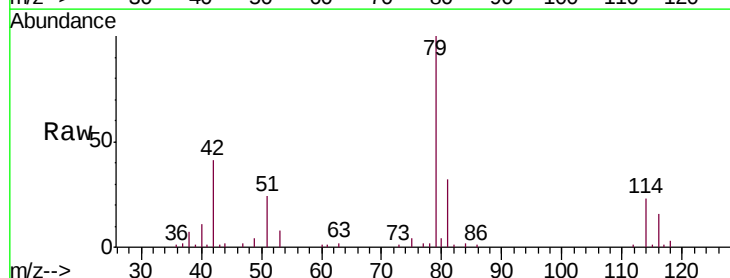


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

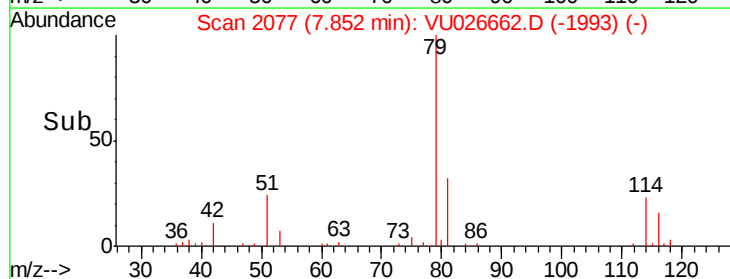
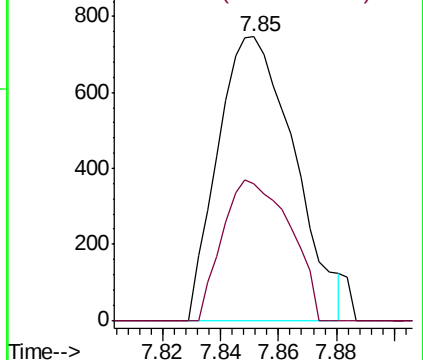


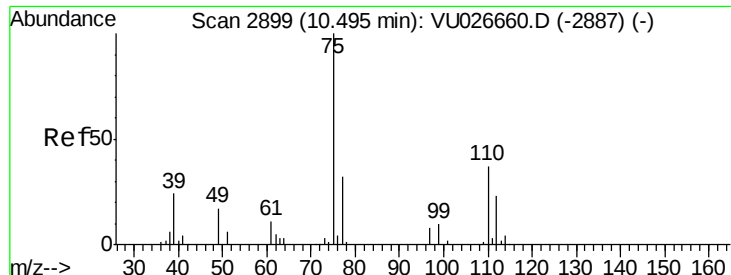
#44
 trans-1,3-Dichloropropene
 Concen: 0.711 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026662.D
 Acq: 10 Sep 2018 20:24

Tgt Ion: 75 Resp: 1358
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.4 41.6#



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





#59

1,2,3-Trichloropropane

Concen: 5.467 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026662.D

Acq: 10 Sep 2018 20:24

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 8973

Ion Ratio Lower Upper

75 100

77 34.6 25.8 38.6

