

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091118\
 Data File : VU026673.D
 Acq On : 11 Sep 2018 08:59
 Operator : MD/SY
 Sample : J4837-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 12 00:46:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 12 00:46:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	177936	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72099	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58121	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.66%
7) Chloroethane-d5	1.68	69	51249	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.92%
11) 1,1-Dichloroethene-d2	2.27	63	82585	34.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.60%
21) 2-Butanone-d5	4.17	46	92231	111.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.77%
24) Chloroform-d	4.65	84	107515	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.31	65	74794	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
32) Benzene-d6	5.34	84	222895	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.06%
36) 1,2-Dichloropropane-d6	6.33	67	77375	53.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.62%
41) Toluene-d8	7.57	98	198003	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%
43) trans-1,3-Dichloropropene-	7.85	79	33659	49.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.76%
47) 2-Hexanone-d5	8.31	63	63774	107.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102137	51.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	76390	53.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.30%

Target Compounds

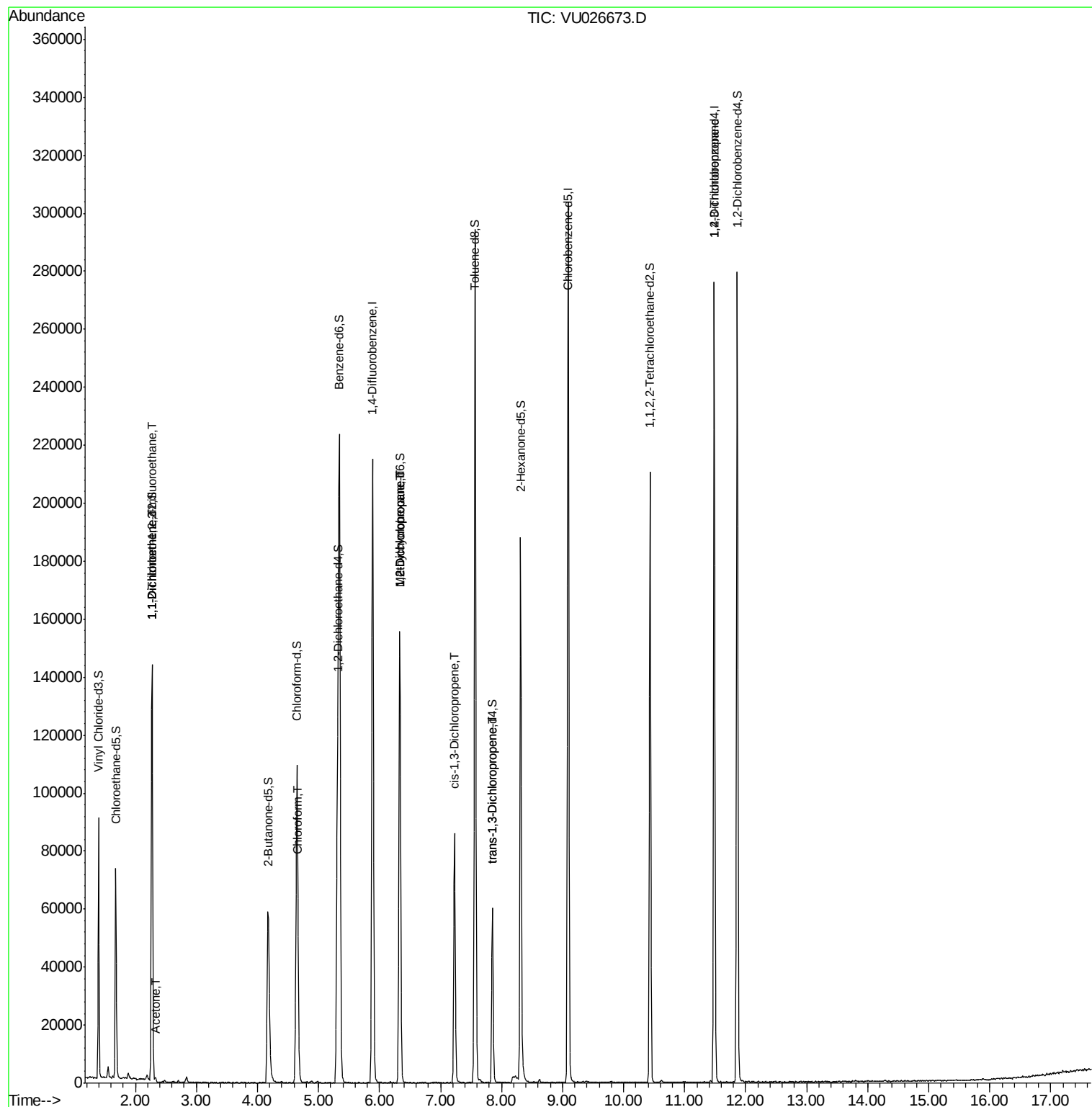
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	752	0.688	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	630	0.600	ug/L #	1
13) Acetone	2.33	43	536	0.570	ug/L	97
25) Chloroform	4.67	83	3820	1.763	ug/L	87
35) Methylcyclohexane	6.33	83	16839	9.044	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7879	6.027	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1962	1.014	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	1552	0.862	ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	8666	5.602	ug/L	95

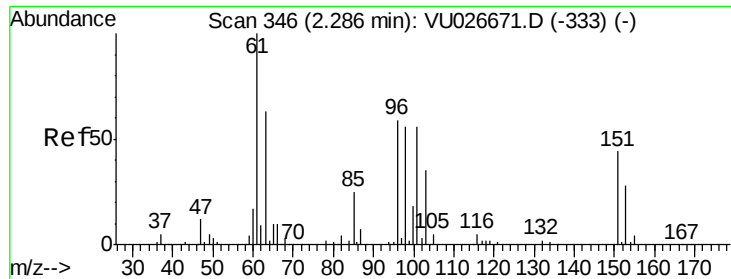
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 12 00:46:21 2018
Response via : Initial Calibration





#10

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

Concen: 0.688 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026673.D

Acq: 11 Sep 2018 08:59

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

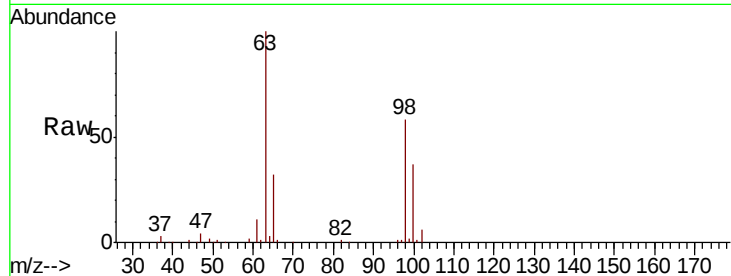
Tgt Ion: 101 Resp: 752

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

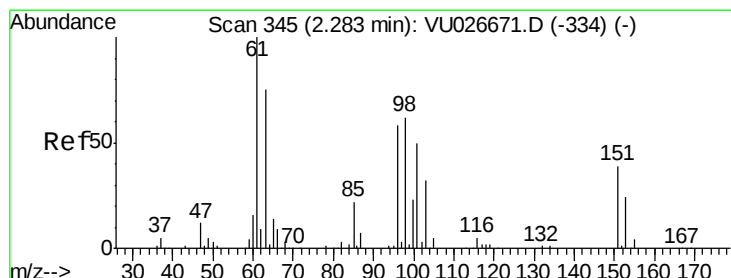
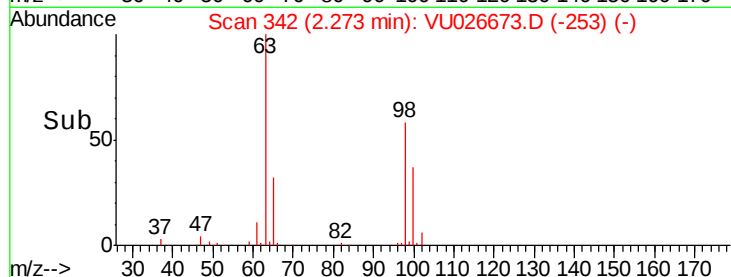
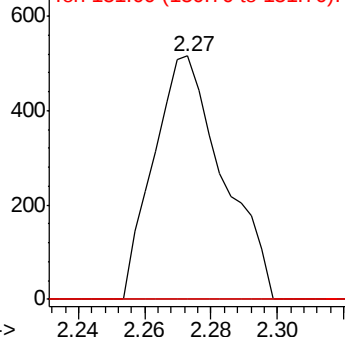
151 0.0 62.6 94.0#



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: 0.600 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU026673.D

Acq: 11 Sep 2018 08:59

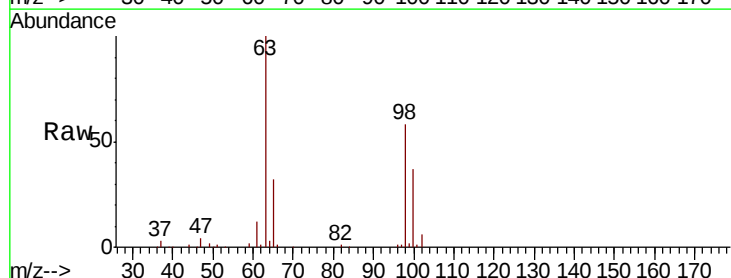
Tgt Ion: 96 Resp: 630

Ion Ratio Lower Upper

96 100

61 1455.8 121.0 224.8#

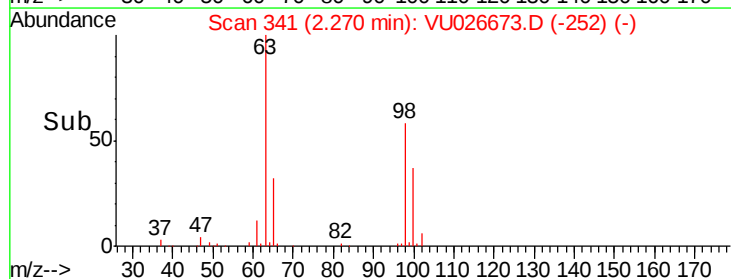
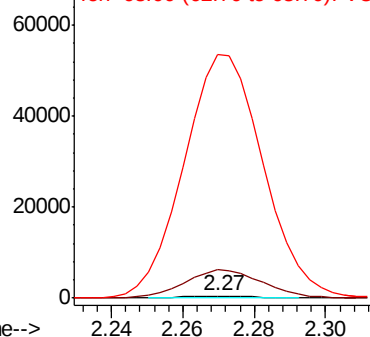
63 12594.8 89.9 166.9#

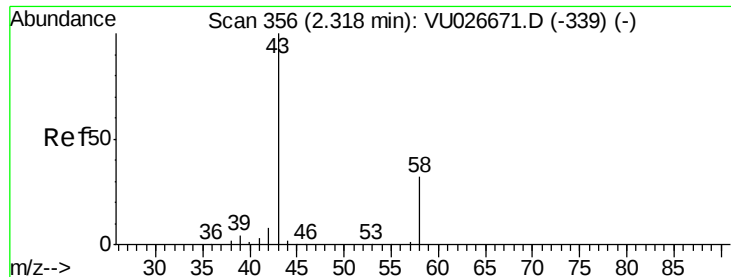


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.570 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU026673.D

Acq: 11 Sep 2018 08:59

Instrument :

MSVOA_U

ClientSampleId :

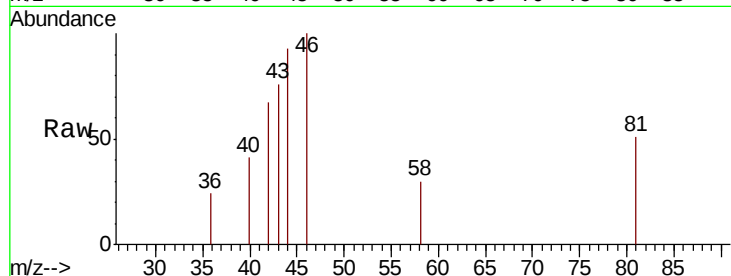
VHBLK01

Tgt Ion: 43 Resp: 536

Ion Ratio Lower Upper

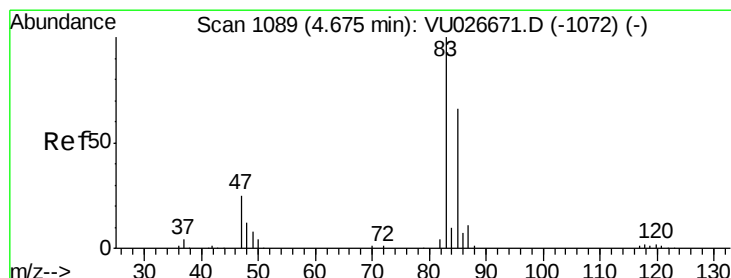
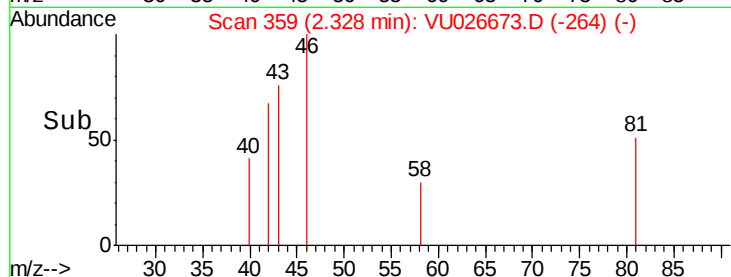
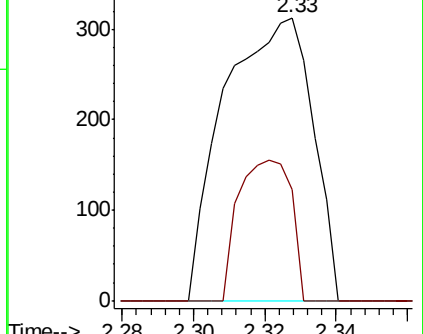
43 100

58 29.7 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU026673.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU026673.D (-264) (-)



#25

Chloroform

Concen: 1.763 ug/L

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU026673.D

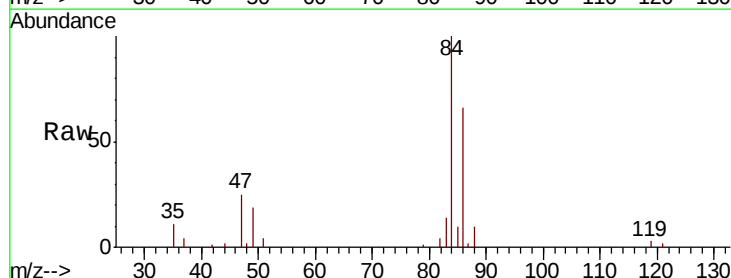
Acq: 11 Sep 2018 08:59

Tgt Ion: 83 Resp: 3820

Ion Ratio Lower Upper

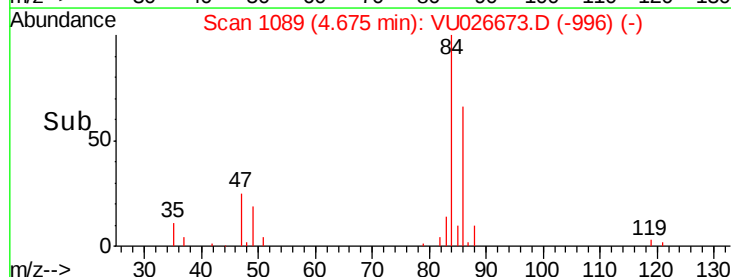
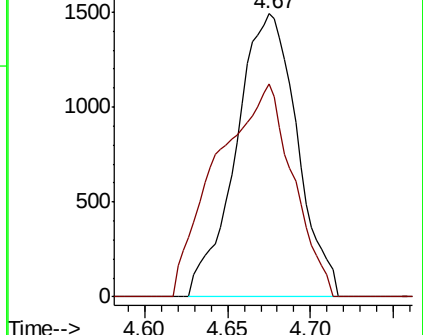
83 100

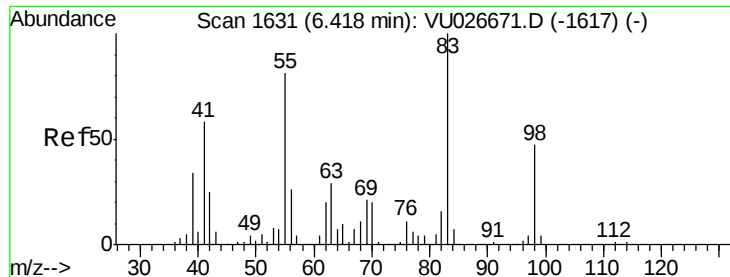
85 75.3 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VU026673.D (-996) (-)

Ion 85.00 (84.70 to 85.70): VU026673.D (-996) (-)

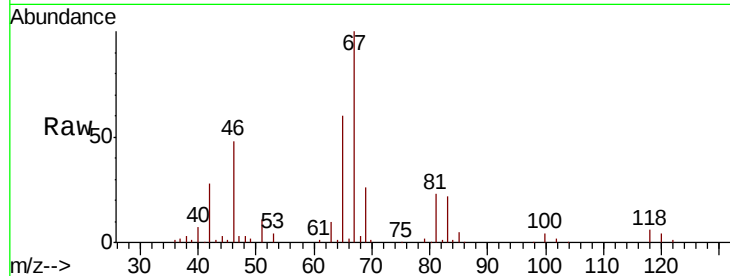




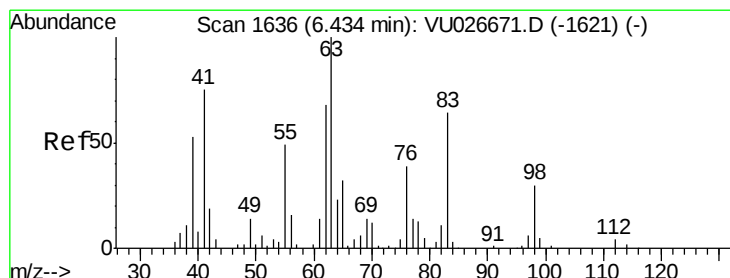
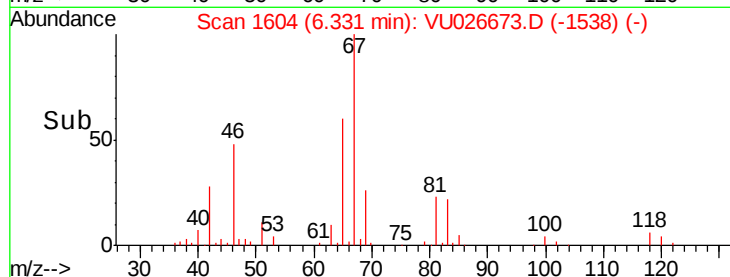
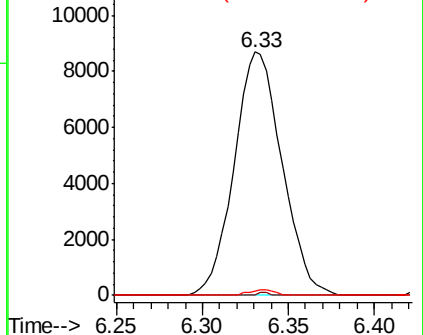
#35
Methylcyclohexane
Concen: 9.044 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026673.D
Acq: 11 Sep 2018 08:59

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 16839
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 1.2 37.0 55.4#

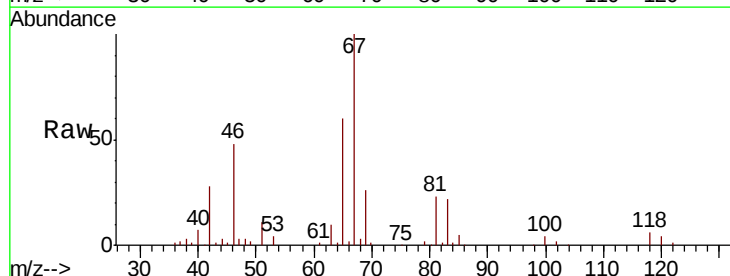


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

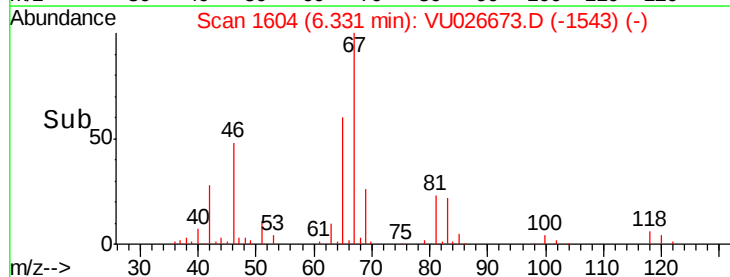
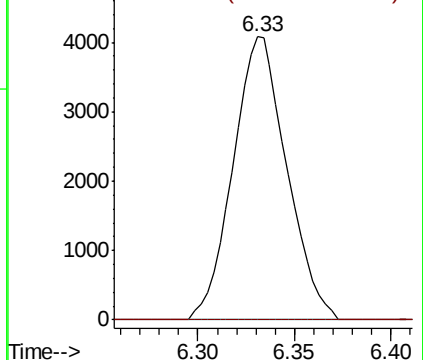


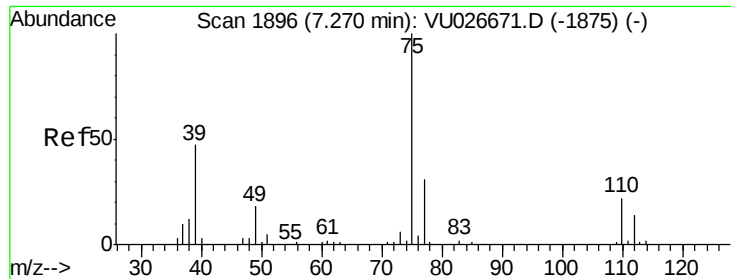
#37
1,2-Dichloropropane
Concen: 6.027 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026673.D
Acq: 11 Sep 2018 08:59

Tgt Ion: 63 Resp: 7879
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

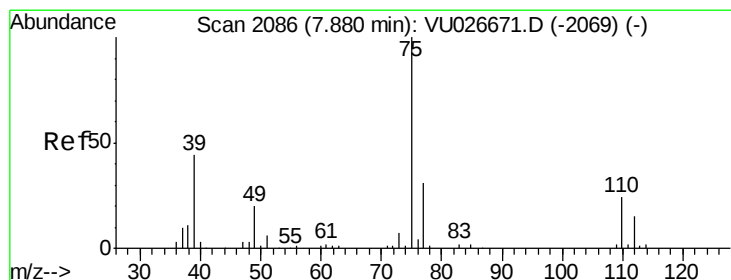
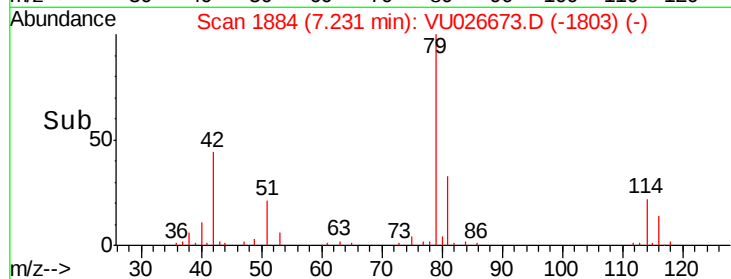
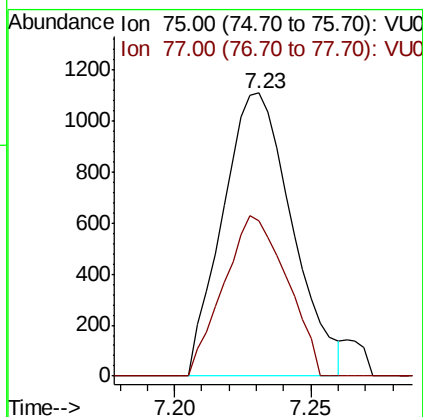
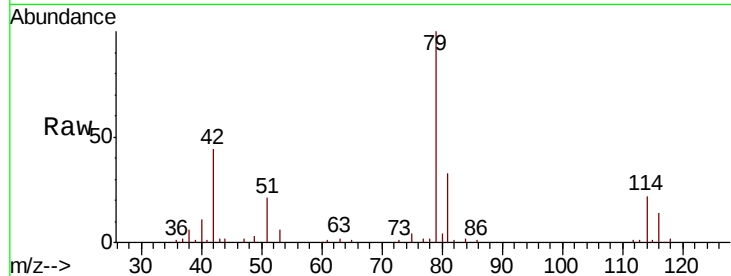




#39
 cis-1,3-Dichloropropene
 Concen: 1.014 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026673.D
 Acq: 11 Sep 2018 08:59

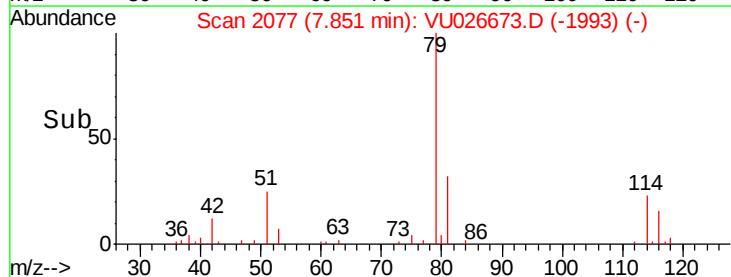
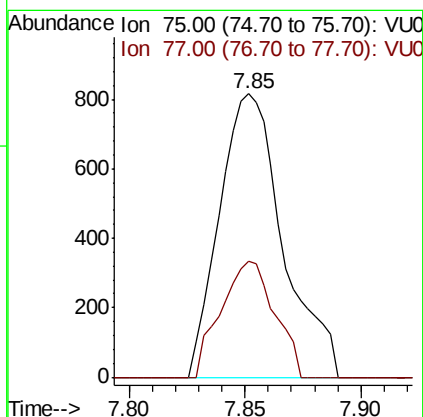
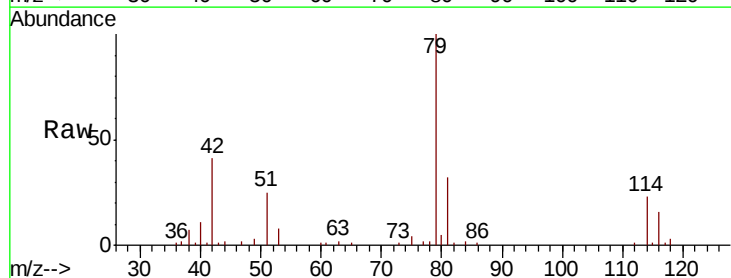
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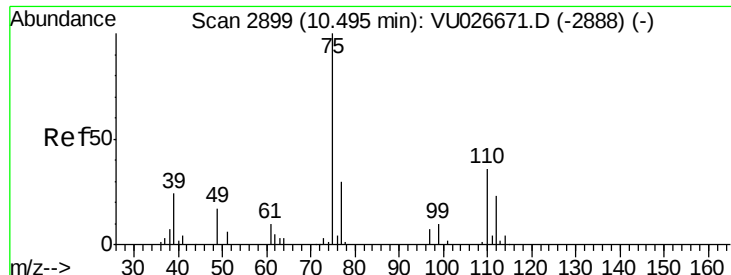
Tgt Ion: 75 Resp: 1962
 Ion Ratio Lower Upper
 75 100
 77 54.9 22.3 41.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.862 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026673.D
 Acq: 11 Sep 2018 08:59

Tgt Ion: 75 Resp: 1552
 Ion Ratio Lower Upper
 75 100
 77 40.8 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 5.602 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026673.D

Acq: 11 Sep 2018 08:59

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 8666

Ion Ratio Lower Upper

75 100

77 34.8 25.8 38.6

