

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026717.D
 Acq On : 12 Sep 2018 21:18
 Operator : MD/SY
 Sample : J4868-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 13 03:42:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 13 03:38:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	195677	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181201	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78848	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61483	42.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.32%
7) Chloroethane-d5	1.68	69	55259	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.06%
11) 1,1-Dichloroethene-d2	2.27	63	87900	33.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.36%
21) 2-Butanone-d5	4.18	46	110866	122.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.18%
24) Chloroform-d	4.65	84	119683	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	5.31	65	80348	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
32) Benzene-d6	5.34	84	242679	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.50%
36) 1,2-Dichloropropane-d6	6.33	67	84295	53.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.12%
41) Toluene-d8	7.57	98	216269	49.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.30%
43) trans-1,3-Dichloropropene-	7.85	79	35970	49.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.32%
47) 2-Hexanone-d5	8.31	63	78276	121.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116312	53.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	85018	54.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.18%

Target Compounds

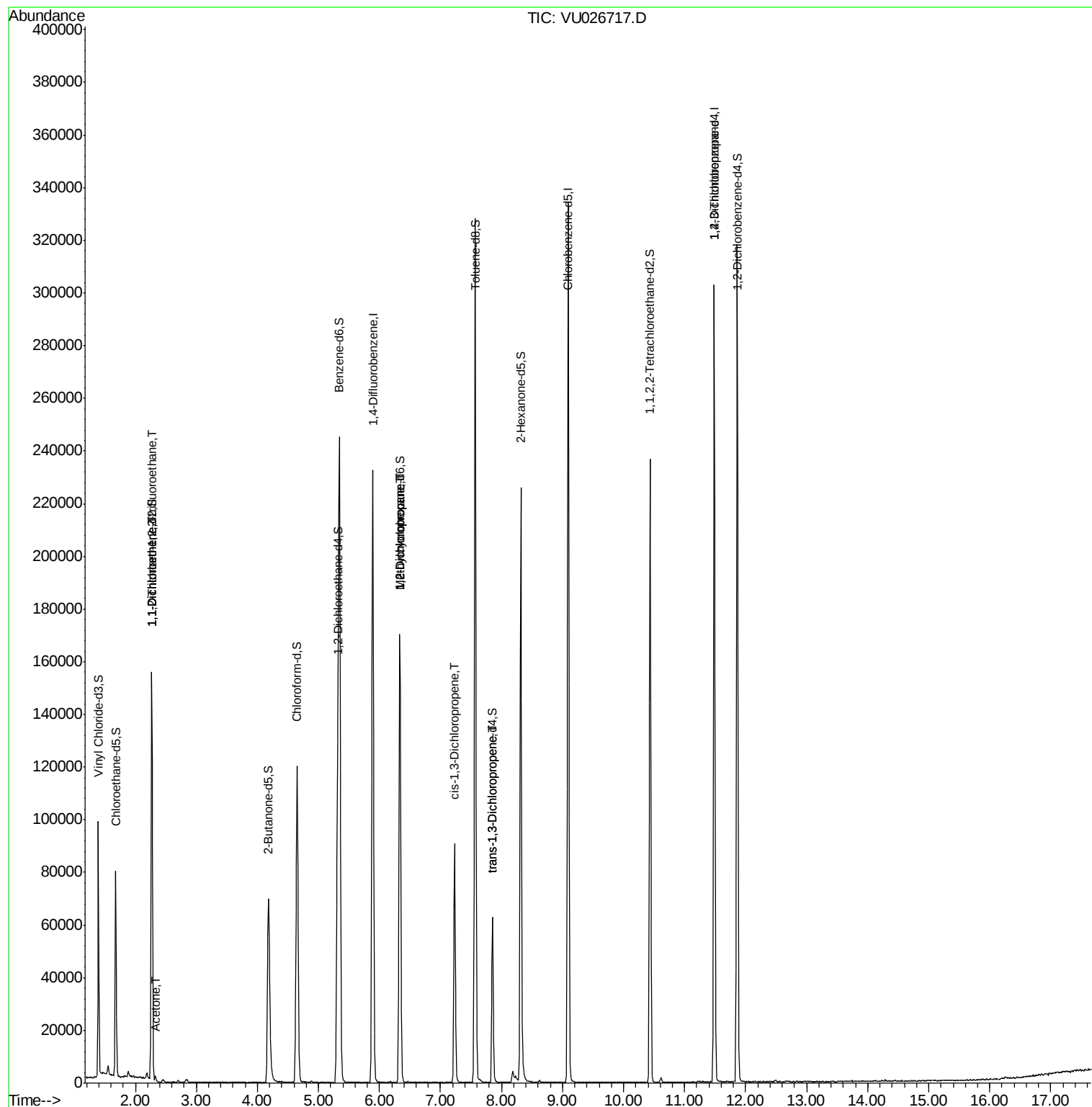
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	787	0.655 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	664	0.575 ug/L #	1
13) Acetone	2.32	43	677	0.655 ug/L	70
35) Methylcyclohexane	6.33	83	18927	9.375 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8863	6.252 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2028	0.967 ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	1528	0.783 ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	9336	5.566 ug/L	98

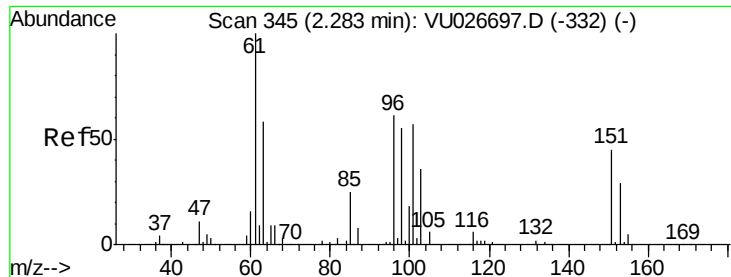
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.655 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU026717.D

Acq: 12 Sep 2018 21:18

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VHBLK01

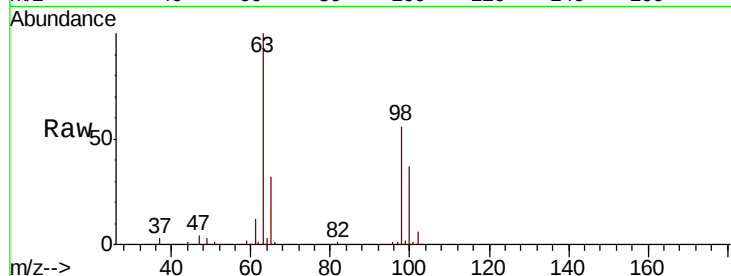
Tgt Ion: 101 Resp: 787

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

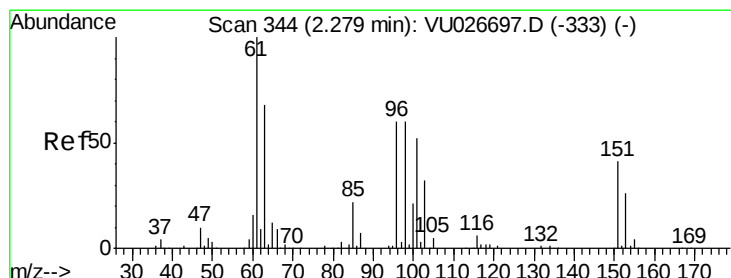
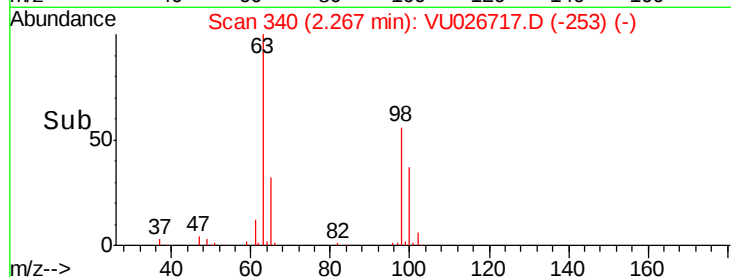
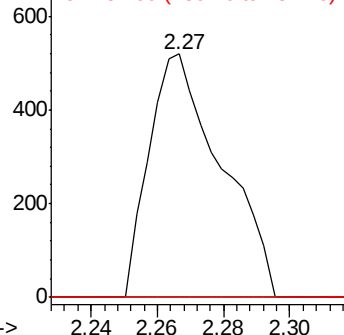
151 0.0 62.6 94.0#



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: 0.575 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU026717.D

Acq: 12 Sep 2018 21:18

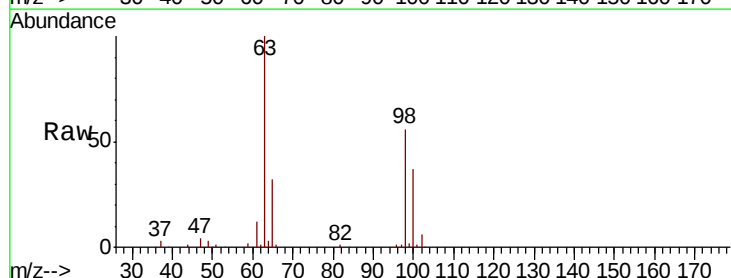
Tgt Ion: 96 Resp: 664

Ion Ratio Lower Upper

96 100

61 1530.4 121.0 224.8#

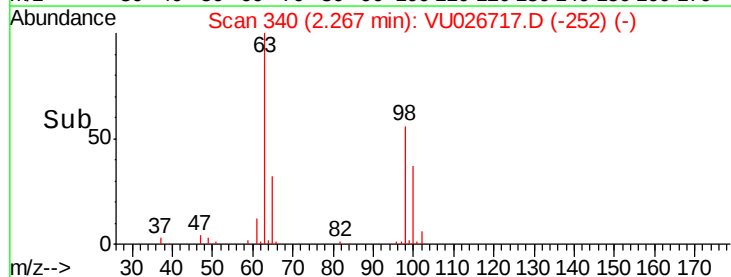
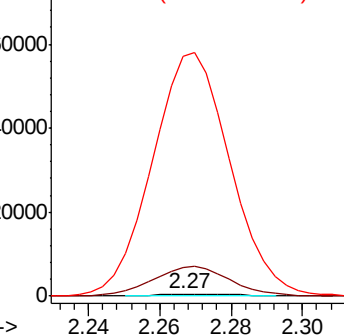
63 12834.2 89.9 166.9#

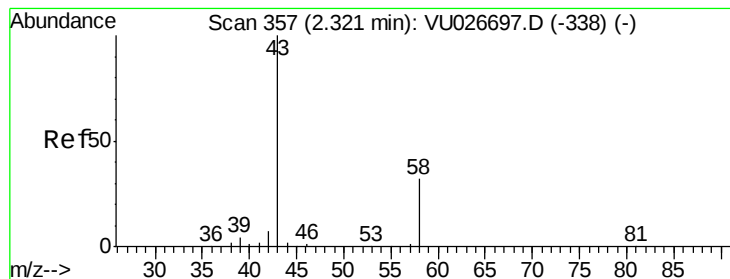


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.655 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026717.D

Acq: 12 Sep 2018 21:18

Instrument :

MSVOA_U

ClientSampleId :

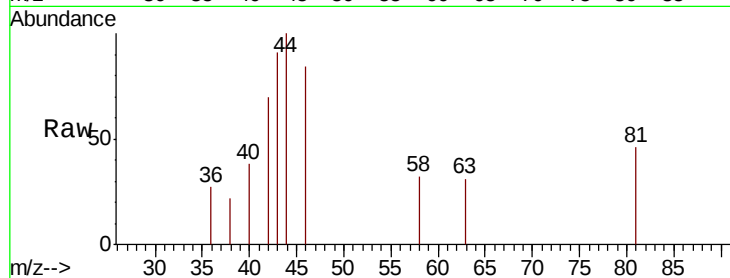
VHBLK01

Tgt Ion: 43 Resp: 677

Ion Ratio Lower Upper

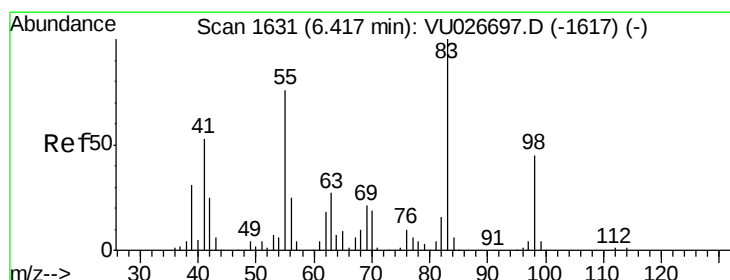
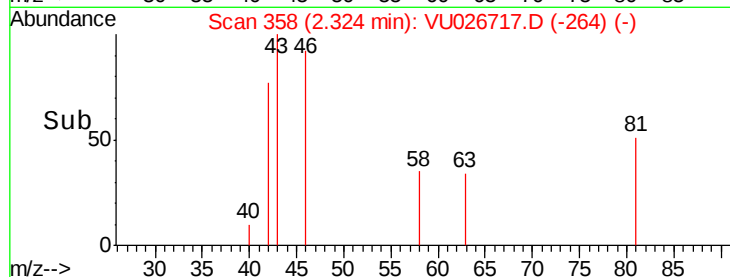
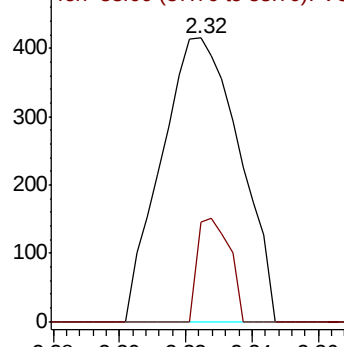
43 100

58 14.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 9.375 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026717.D

Acq: 12 Sep 2018 21:18

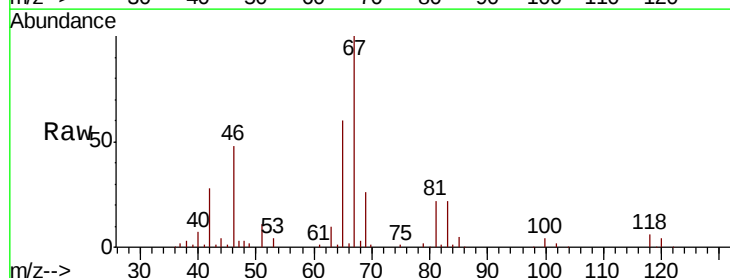
Tgt Ion: 83 Resp: 18927

Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

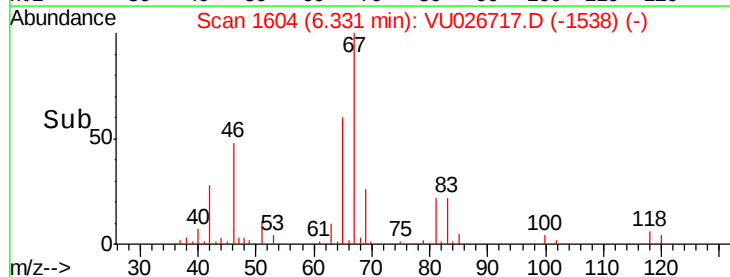
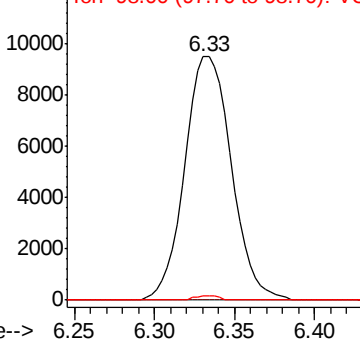
98 0.9 37.0 55.4#

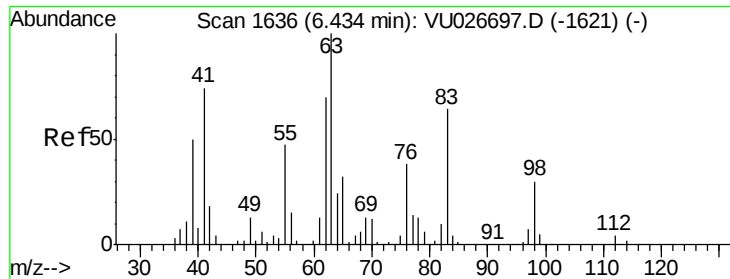


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

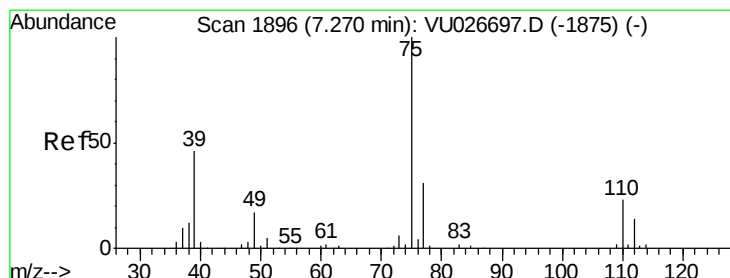
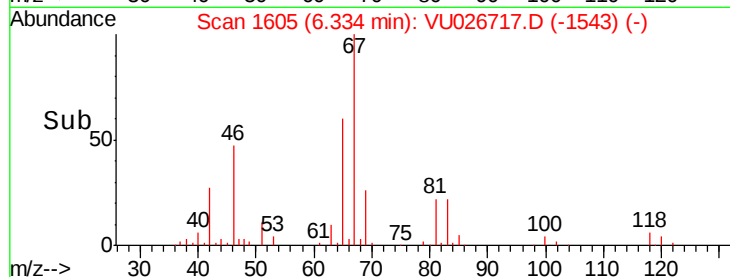
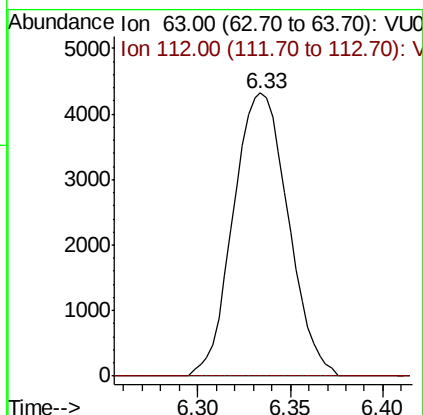
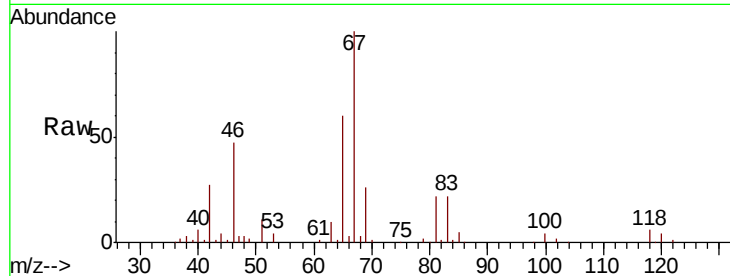




#37
 1,2-Dichloropropane
 Concen: 6.252 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026717.D
 Acq: 12 Sep 2018 21:18

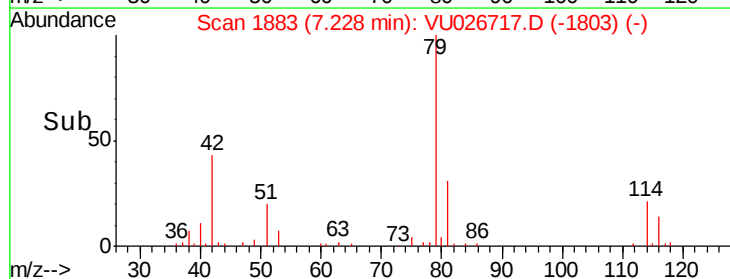
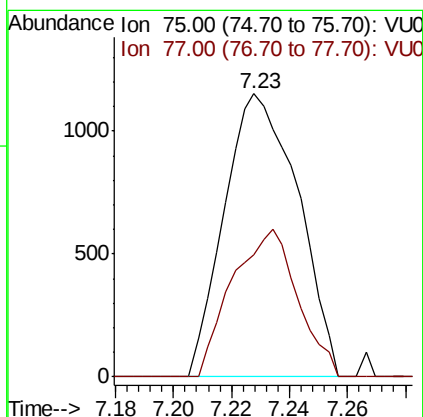
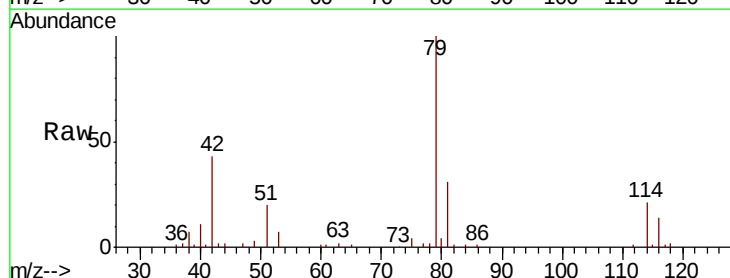
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 MSVOA_U
 ClientSampleId :
 VHBLK01

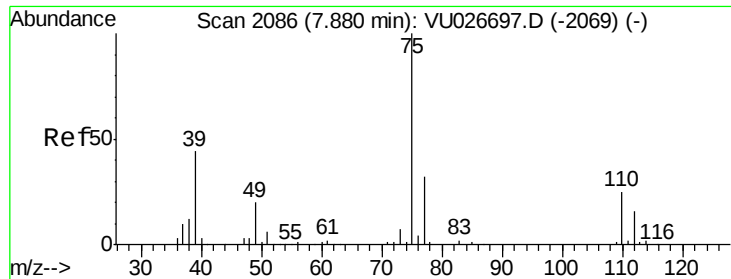
Tgt Ion: 63 Resp: 8863
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.967 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026717.D
 Acq: 12 Sep 2018 21:18

Tgt Ion: 75 Resp: 2028
 Ion Ratio Lower Upper
 75 100
 77 43.1 22.3 41.3#

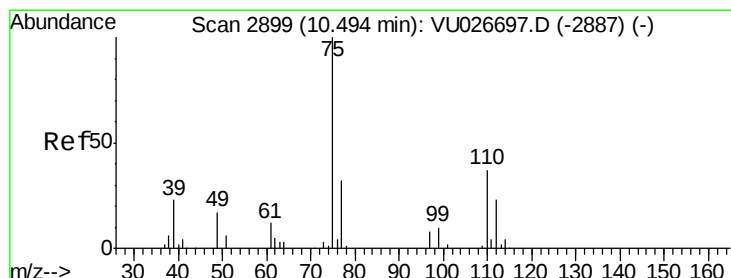
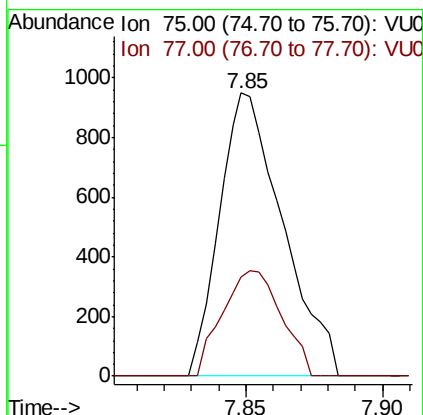
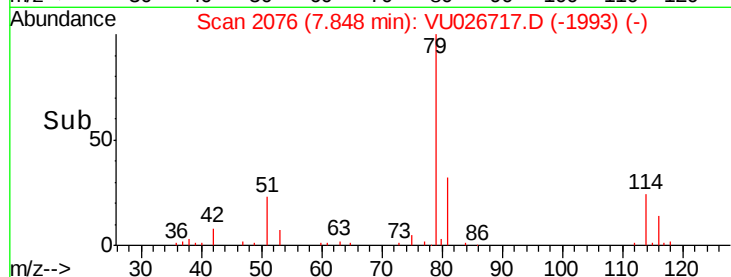
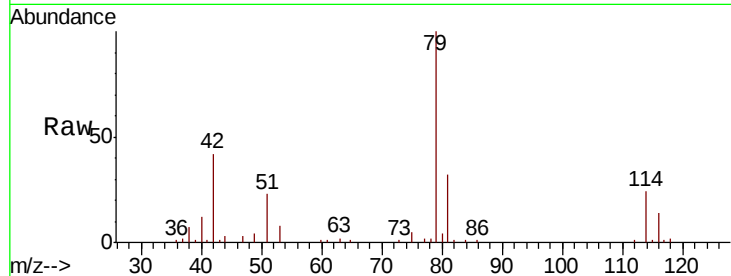




#44
trans-1,3-Dichloropropene
Concen: 0.783 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU026717.D
Acq: 12 Sep 2018 21:18

Instrument :
MSVOA_U
ClientSampled :
VHBLK01

Tgt Ion: 75 Resp: 1528
Ion Ratio Lower Upper
75 100
77 35.1 22.4 41.6



#59
1,2,3-Trichloropropane
Concen: 5.566 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026717.D
Acq: 12 Sep 2018 21:18

Tgt Ion: 75 Resp: 9336
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.6

