

Data File : VU026834.D
Acq On : 17 Sep 2018 20:32
Operator : MD/SY
Sample : J4864-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Sep 18 01:39:15 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	246553	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	234649	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95463	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91420	50.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.24%
7) Chloroethane-d5	1.68	69	78977	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.18%
11) 1,1-Dichloroethene-d2	2.27	63	128200	37.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.30%
21) 2-Butanone-d5	4.18	46	131681	108.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.80%
24) Chloroform-d	4.65	84	167861	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	5.31	65	109275	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
32) Benzene-d6	5.34	84	343119	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
36) 1,2-Dichloropropane-d6	6.33	67	110027	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.86%
41) Toluene-d8	7.57	98	289088	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%
43) trans-1,3-Dichloropropene-	7.85	79	46293	48.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.86%
47) 2-Hexanone-d5	8.31	63	91312	109.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	147491	49.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	110683	55.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.46%

Target Compounds

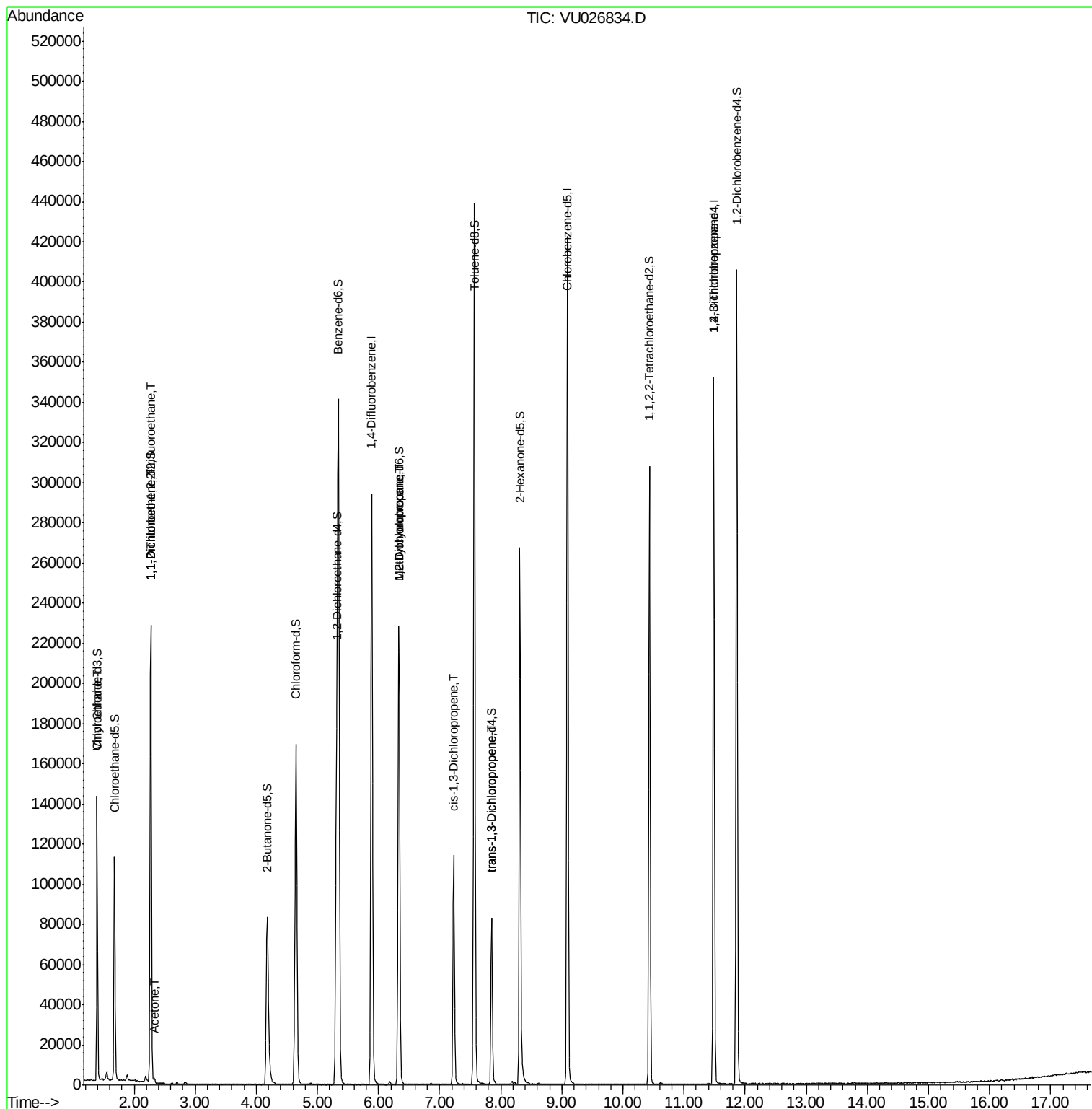
					Qvalue
8) Chloroethane	1.40	64	1360	0.938 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1096	0.644 ug/L #	18
12) 1,1-Dichloroethene	2.28	96	1038	0.649 ug/L #	1
13) Acetone	2.32	43	726	0.610 ug/L	65
35) Methylcyclohexane	6.33	83	25573	8.987 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	11634	5.822 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2743	0.972 ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1943	0.735 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	10734	4.484 ug/L	90

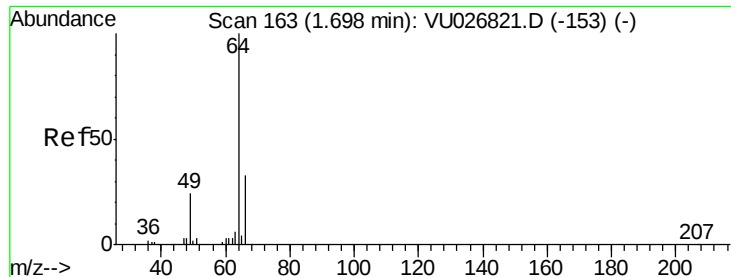
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.938 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.30 min

Lab File: VU026834.D

Acq: 17 Sep 2018 20:32

Instrument :

MSVOA_U

ClientSampleId :

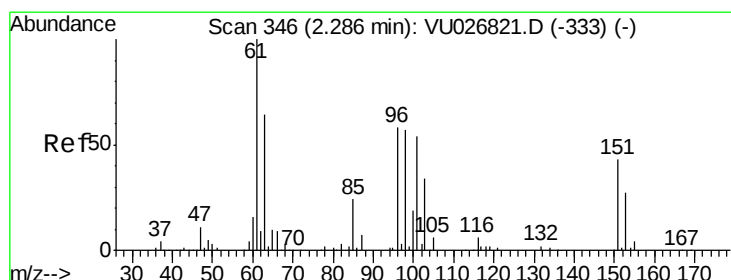
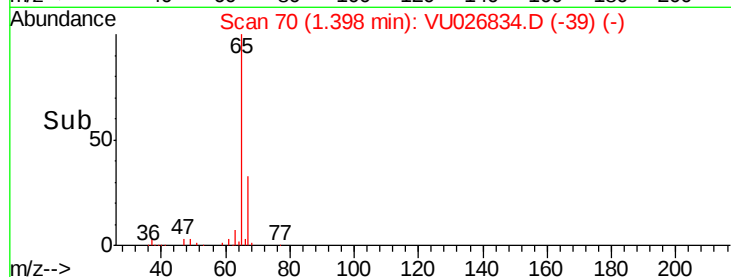
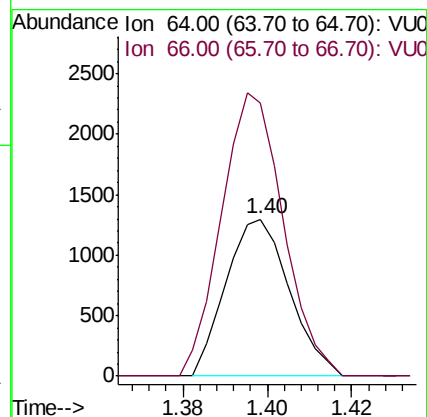
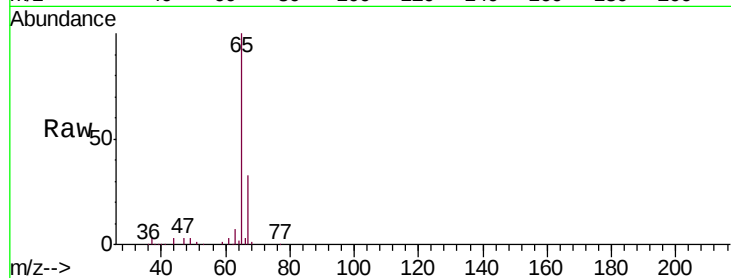
VHBLK02

Tgt Ion: 64 Resp: 1360

Ion Ratio Lower Upper

64 100

66 173.9 23.0 42.8#



#10

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

Concen: 0.644 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026834.D

Acq: 17 Sep 2018 20:32

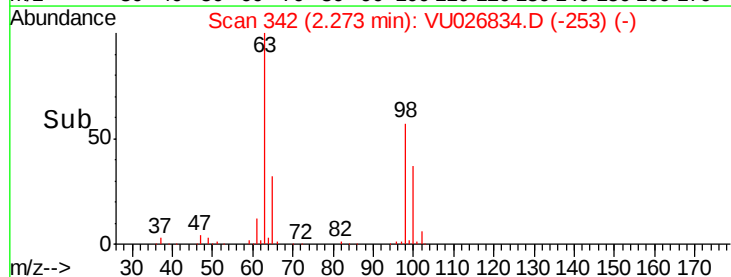
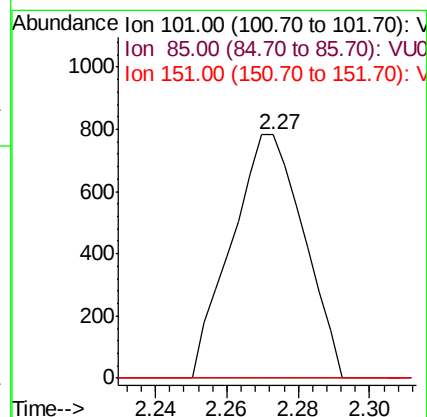
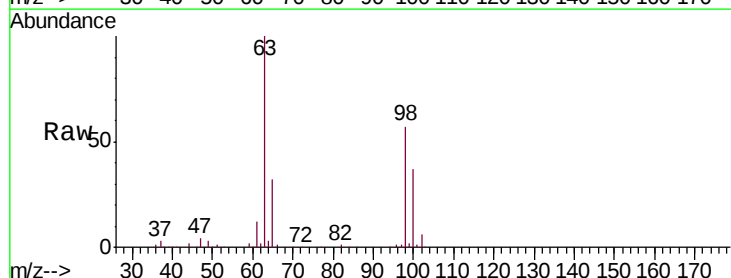
Tgt Ion: 101 Resp: 1096

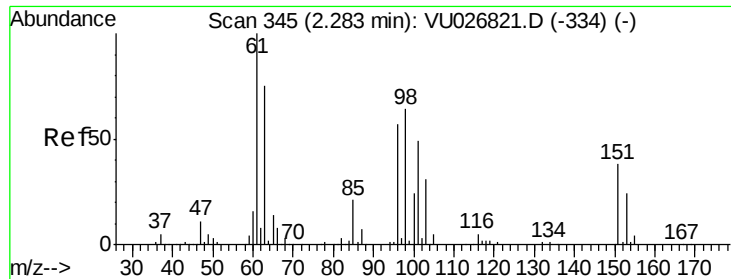
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#

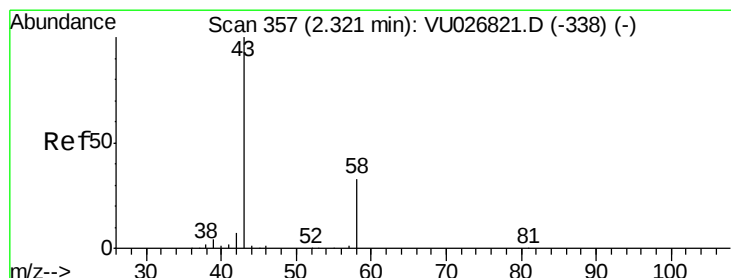
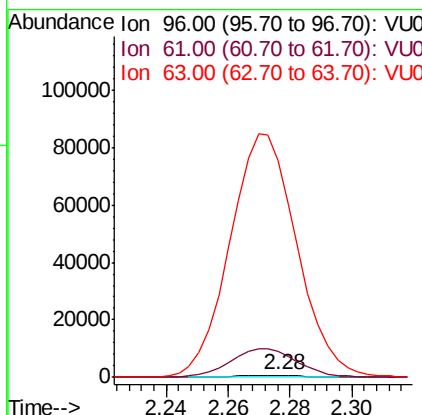
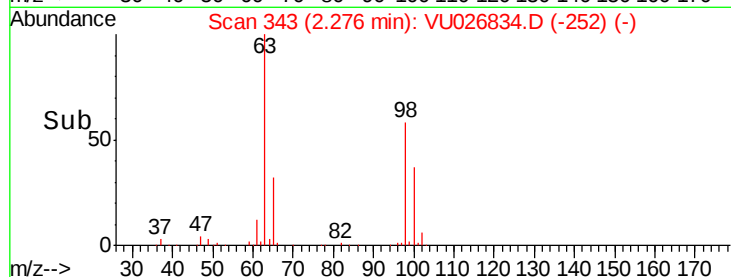
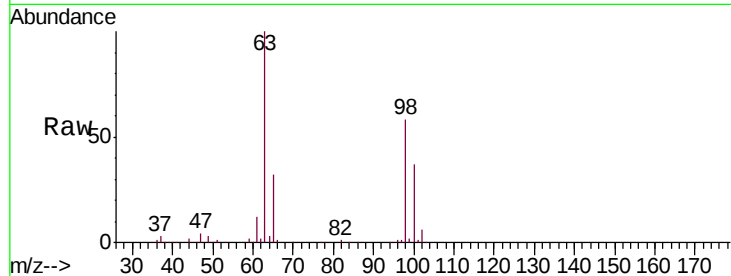




#12
 1,1-Dichloroethene
 Concen: 0.649 ug/L
 RT: 2.28 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: VU026834.D
 Acq: 17 Sep 2018 20:32

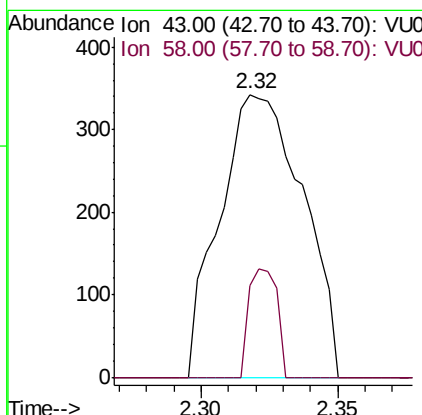
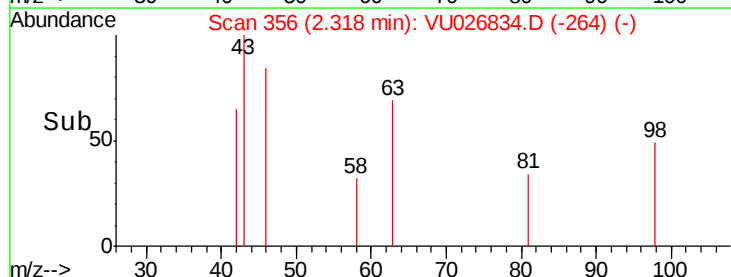
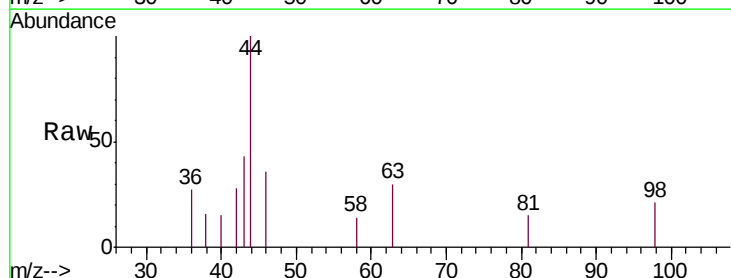
Instrument :
 MSVOA_U
 ClientSampled :
 VHBLK02

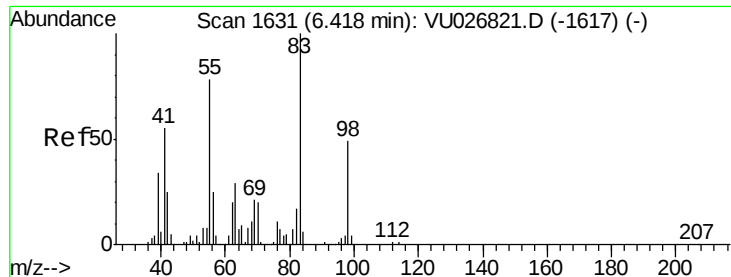
Tgt Ion: 96 Resp: 1038
 Ion Ratio Lower Upper
 96 100
 61 1311.3 124.0 230.4#
 63 11118.7 97.7 181.5#



#13
 Acetone
 Concen: 0.610 ug/L
 RT: 2.32 min Scan# 356
 Delta R.T. -0.00 min
 Lab File: VU026834.D
 Acq: 17 Sep 2018 20:32

Tgt Ion: 43 Resp: 726
 Ion Ratio Lower Upper
 43 100
 58 12.7 0.0 64.6

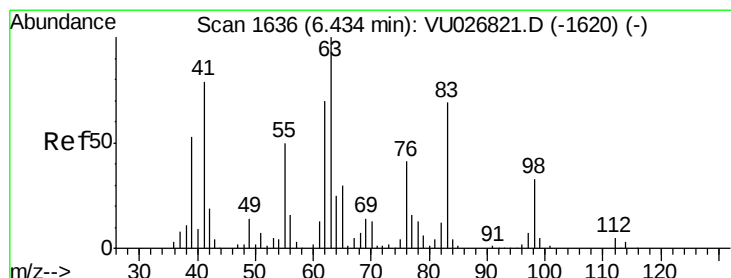
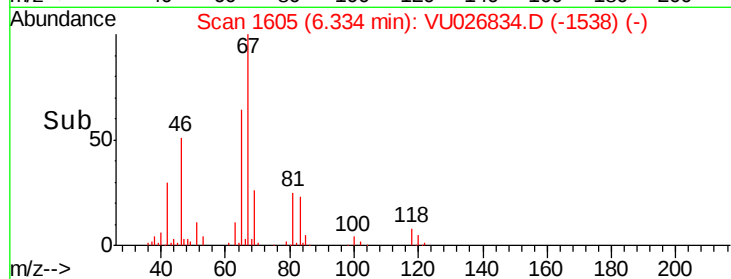
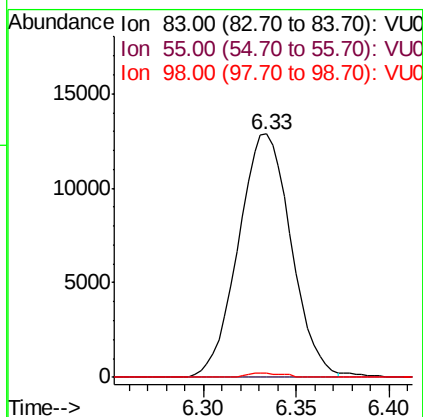
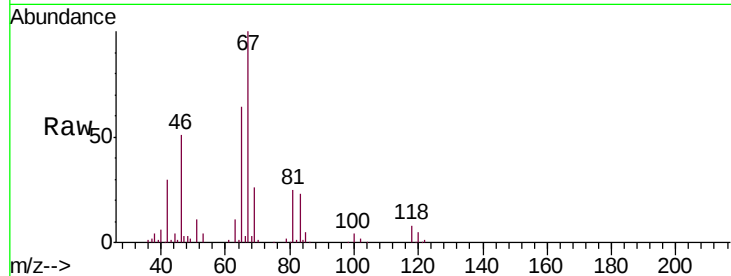




#35
Methylcyclohexane
Concen: 8.987 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026834.D
Acq: 17 Sep 2018 20:32

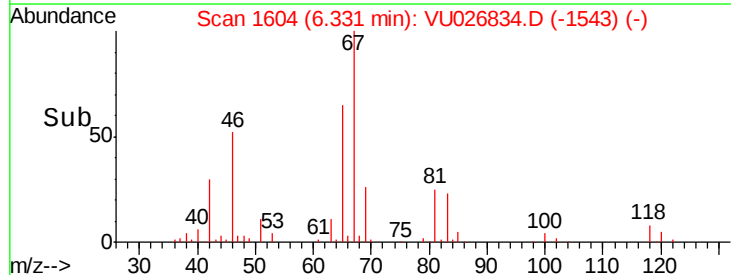
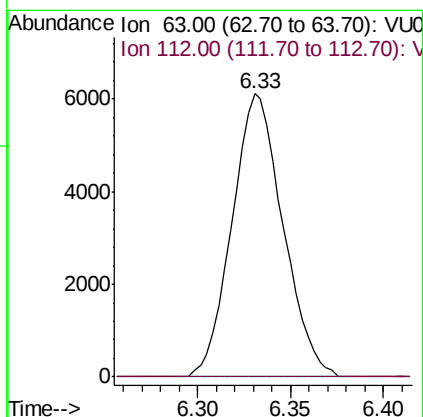
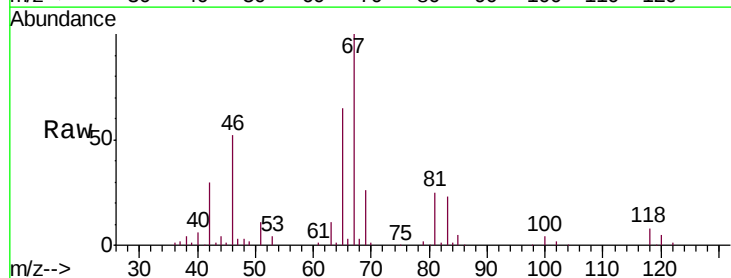
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

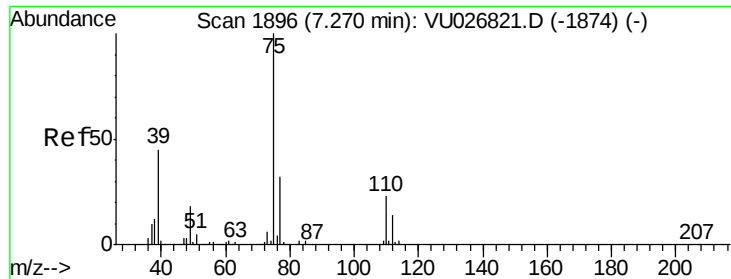
Tgt Ion: 83 Resp: 25573
Ion Ratio Lower Upper
83 100
55 0.0 61.7 92.5#
98 1.1 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 5.822 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026834.D
Acq: 17 Sep 2018 20:32

Tgt Ion: 63 Resp: 11634
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

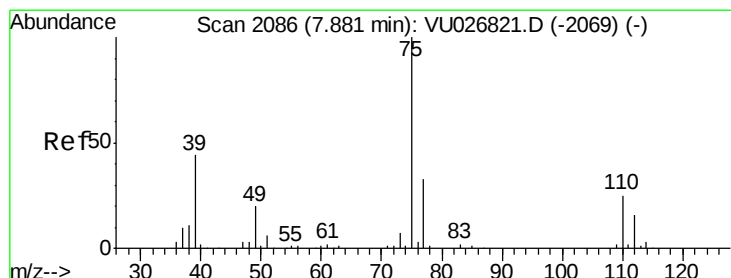
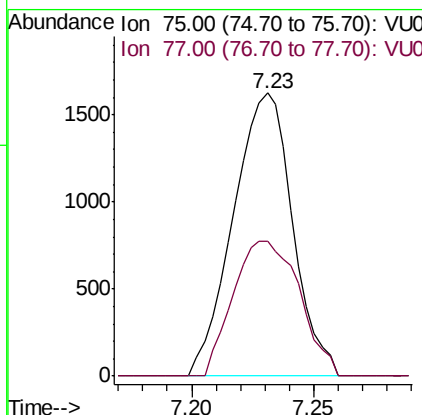
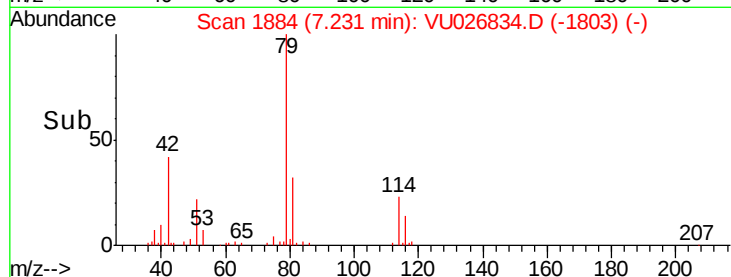
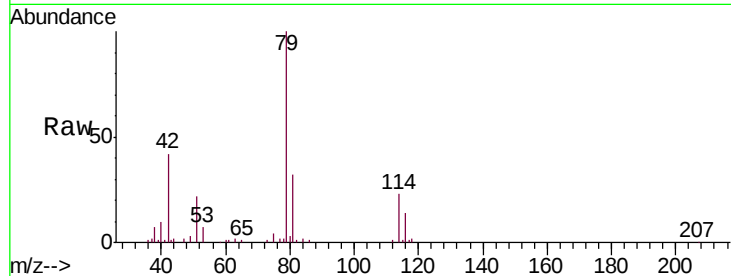




#39
 cis-1,3-Dichloropropene
 Concen: 0.972 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026834.D
 Acq: 17 Sep 2018 20:32

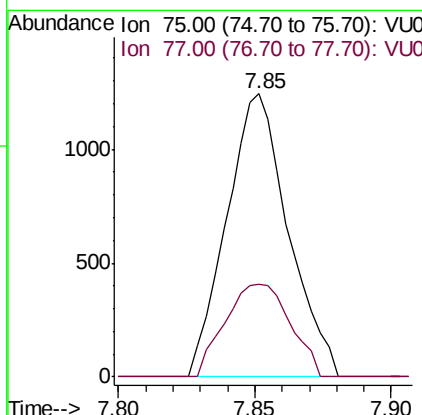
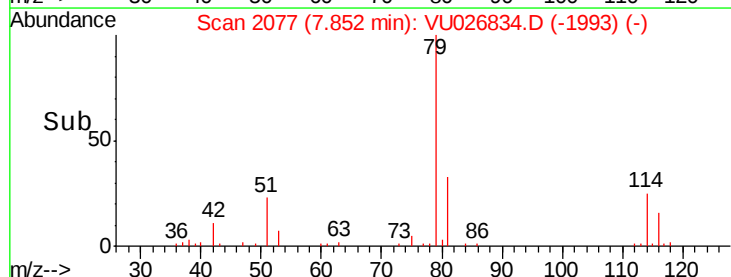
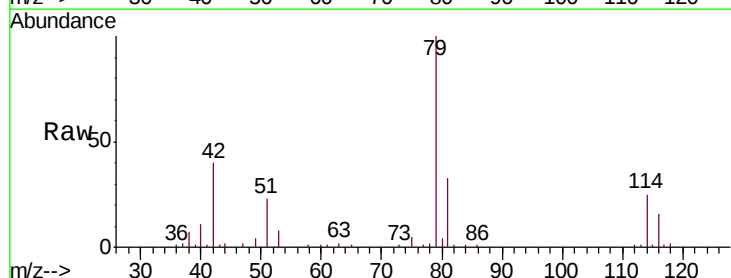
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

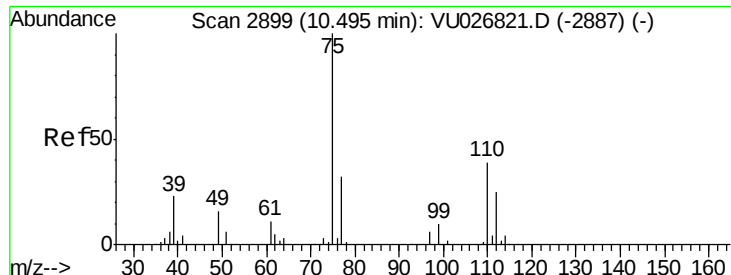
Tgt Ion: 75 Resp: 2743
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.735 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026834.D
 Acq: 17 Sep 2018 20:32

Tgt Ion: 75 Resp: 1943
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.8 42.4





#59
 1,2,3-Trichloropropane
 Concen: 4.484 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026834.D
 Acq: 17 Sep 2018 20:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion: 75 Resp: 10734
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.5 38.3

