

Data File : VU026831.D
Acq On : 17 Sep 2018 19:22
Operator : MD/SY
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Sep 18 01:38:44 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	233133	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90487	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78554	45.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.10%
7) Chloroethane-d5	1.68	69	72671	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.46%
11) 1,1-Dichloroethene-d2	2.27	63	115147	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.58%
21) 2-Butanone-d5	4.18	46	134951	117.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.92%
24) Chloroform-d	4.65	84	160703	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
26) 1,2-Dichloroethane-d4	5.31	65	106867	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.10%
32) Benzene-d6	5.34	84	325561	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
36) 1,2-Dichloropropane-d6	6.33	67	109003	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.30%
41) Toluene-d8	7.57	98	273398	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%
43) trans-1,3-Dichloropropene-	7.85	79	45696	49.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.82%
47) 2-Hexanone-d5	8.31	63	94798	117.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	148880	52.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	105905	56.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.52%

Target Compounds

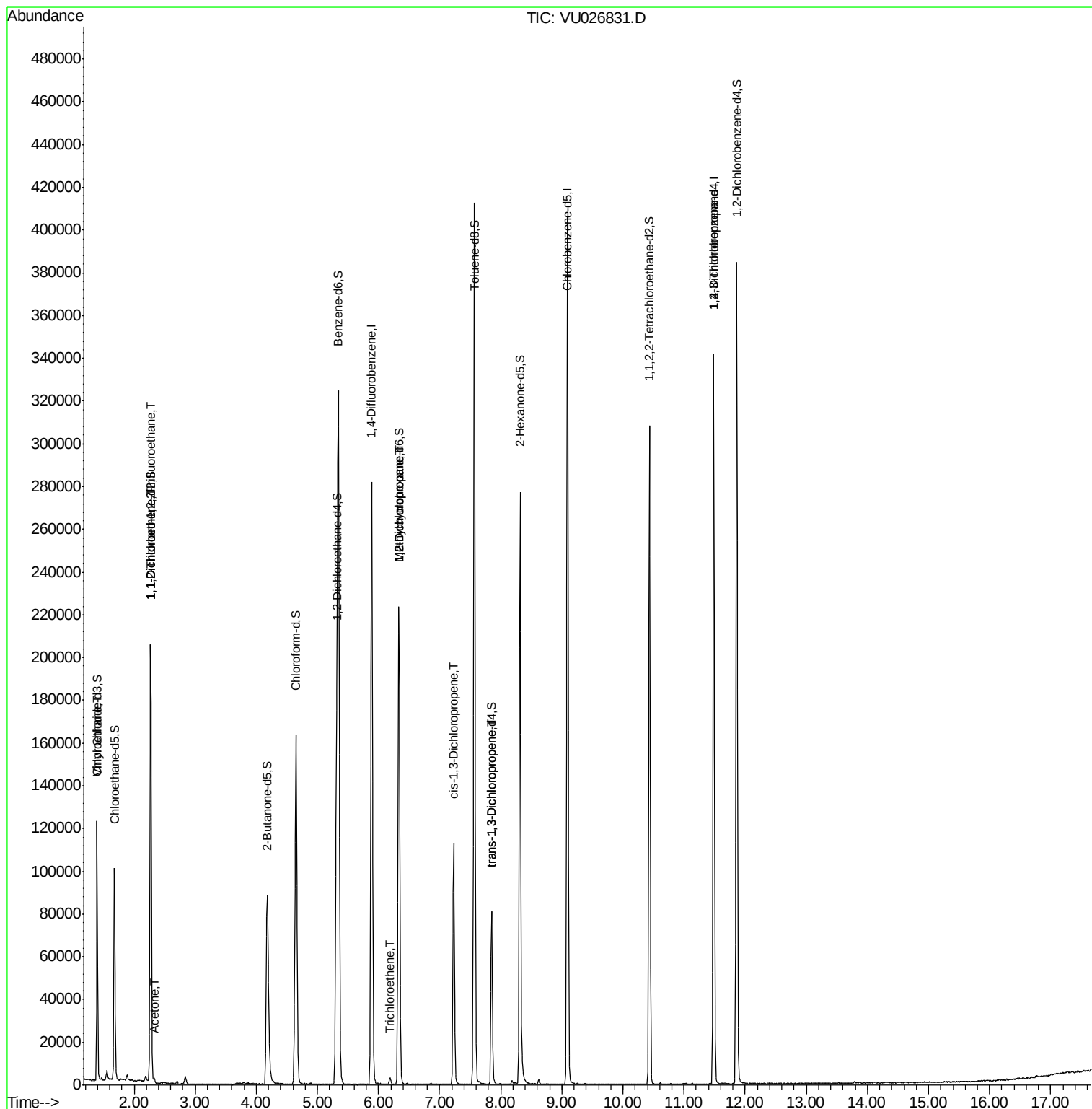
					Qvalue
8) Chloroethane	1.40	64	1146	0.836 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1007	0.626 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	944	0.624 ug/L #	1
13) Acetone	2.32	43	813	0.723 ug/L	62
34) Trichloroethene	6.19	95	986	0.584 ug/L	90
35) Methylcyclohexane	6.33	83	25050	9.095 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	11385	5.886 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2541	0.930 ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1742	0.681 ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	10315	4.452 ug/L	93

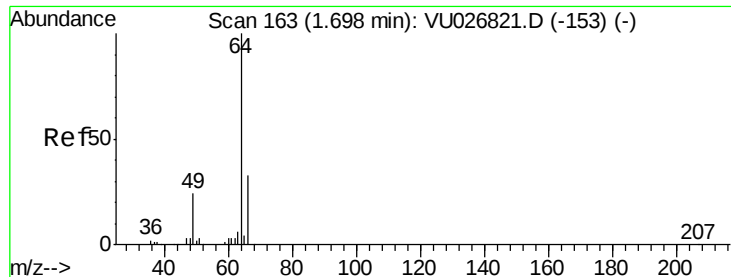
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.836 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.30 min

Lab File: VU026831.D

Acq: 17 Sep 2018 19:22

Instrument :

MSVOA_U

ClientSampleId :

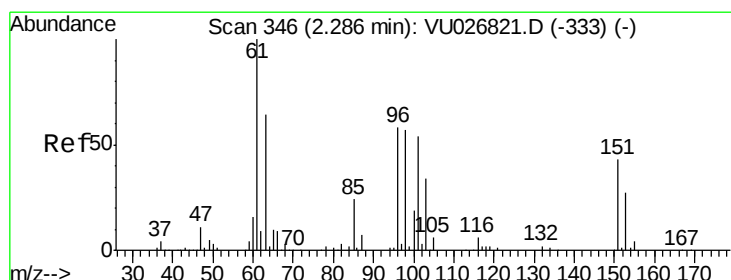
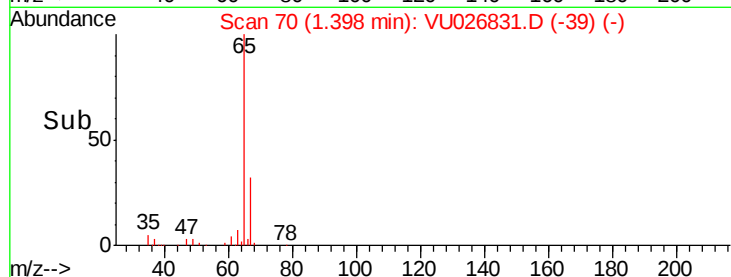
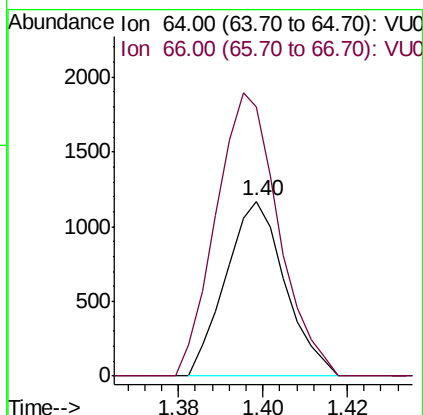
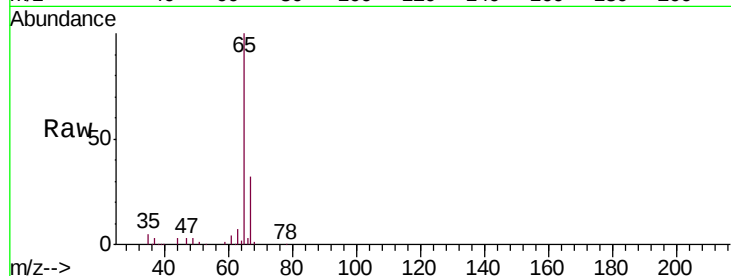
VIBLK40

Tgt Ion: 64 Resp: 1146

Ion Ratio Lower Upper

64 100

66 154.1 23.0 42.8#



#10

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

Concen: 0.626 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026831.D

Acq: 17 Sep 2018 19:22

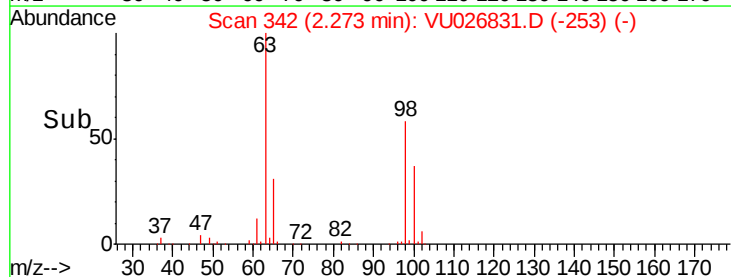
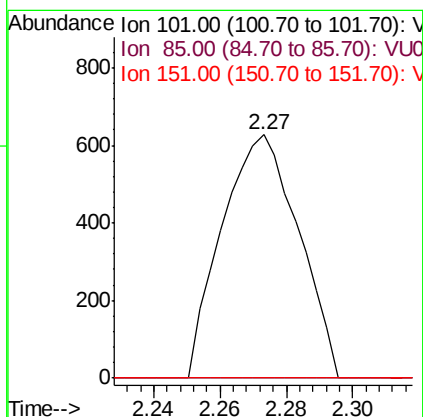
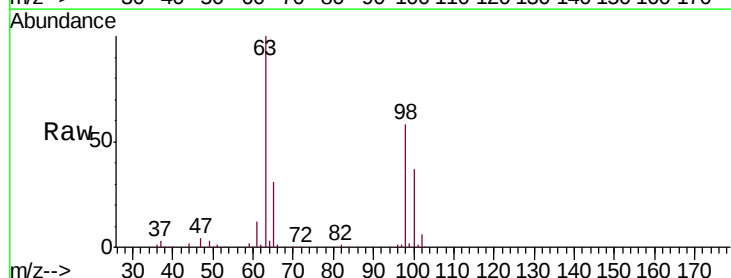
Tgt Ion: 101 Resp: 1007

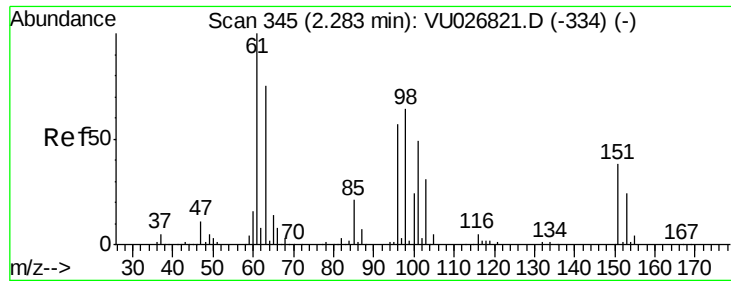
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#





#12

1,1-Dichloroethene

Concen: 0.624 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU026831.D

Acq: 17 Sep 2018 19:22

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

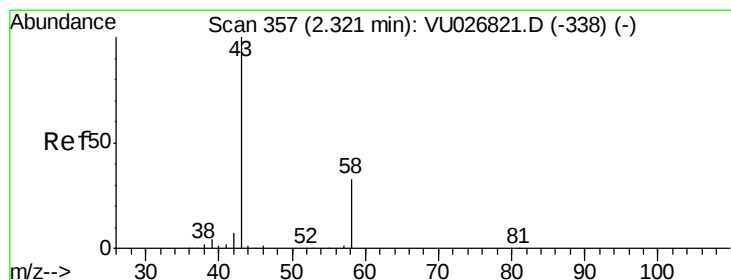
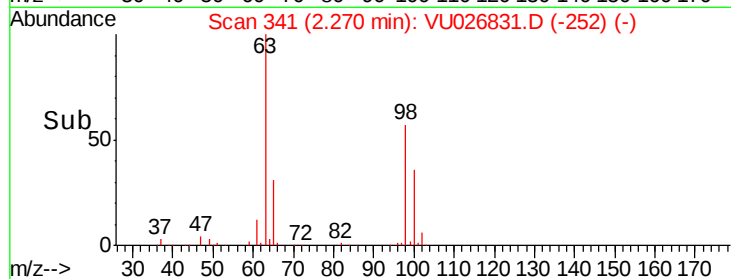
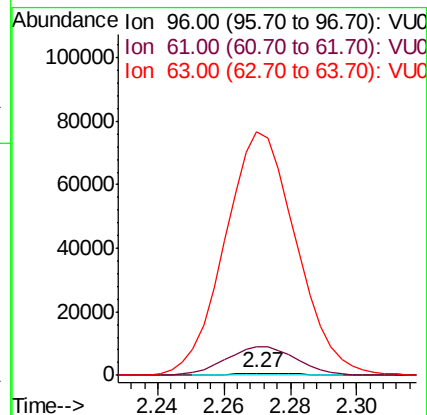
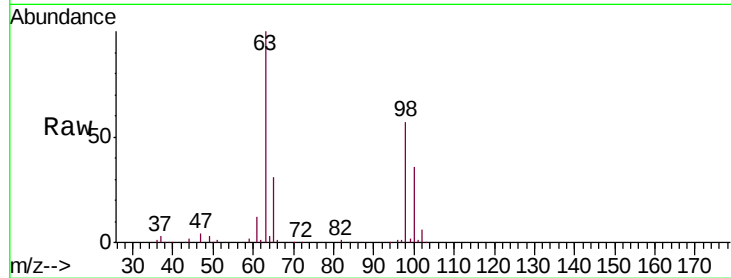
Tgt Ion: 96 Resp: 944

Ion Ratio Lower Upper

96 100

61 1376.7 124.0 230.4#

63 11850.4 97.7 181.5#



#13

Acetone

Concen: 0.723 ug/L

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU026831.D

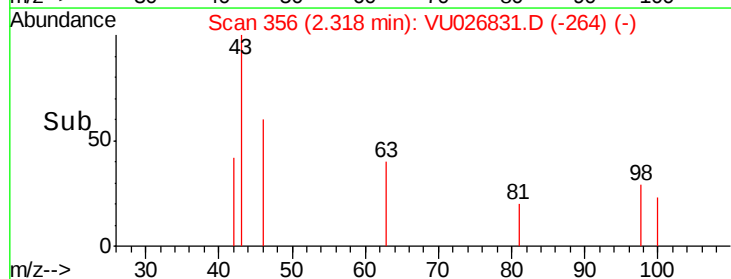
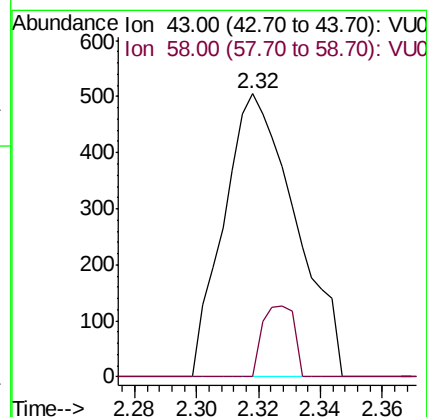
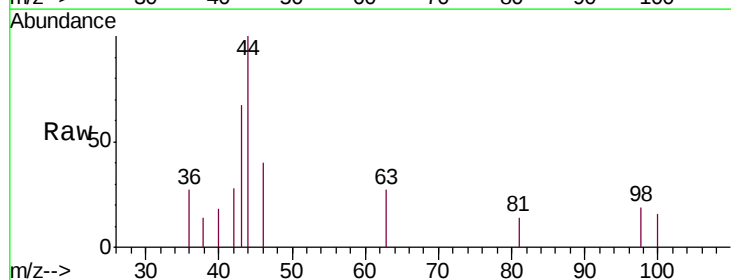
Acq: 17 Sep 2018 19:22

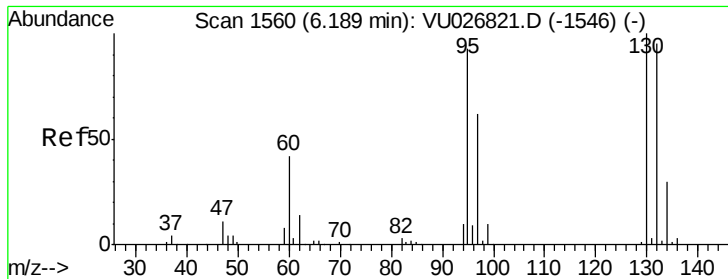
Tgt Ion: 43 Resp: 813

Ion Ratio Lower Upper

43 100

58 11.1 0.0 64.6





#34

Trichloroethene

Concen: 0.584 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU026831.D

Acq: 17 Sep 2018 19:22

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 95 Resp: 986

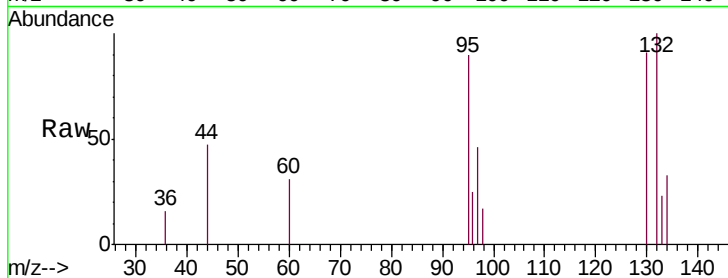
Ion Ratio Lower Upper

95 100

97 51.2 46.3 85.9

132 110.8 71.7 133.1

130 101.1 75.3 139.8

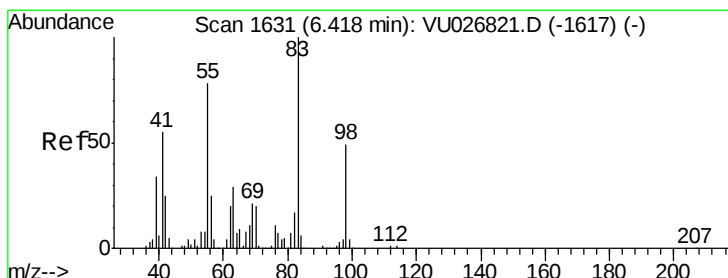
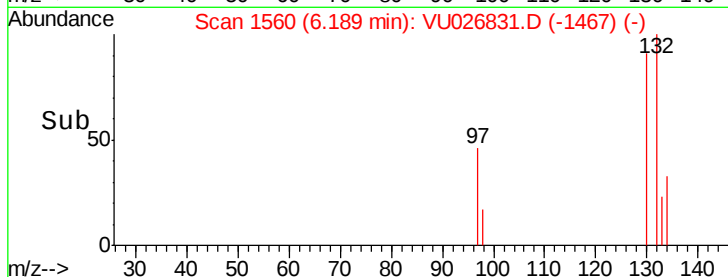
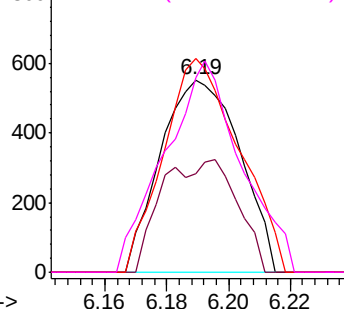


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 9.095 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026831.D

Acq: 17 Sep 2018 19:22

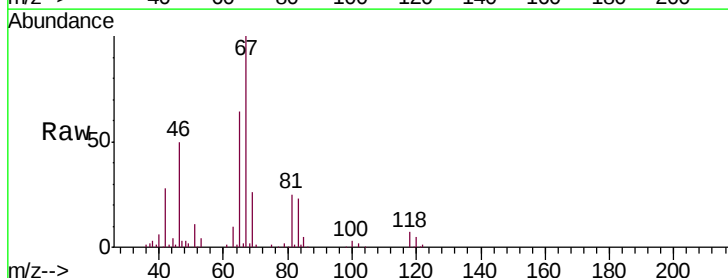
Tgt Ion: 83 Resp: 25050

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

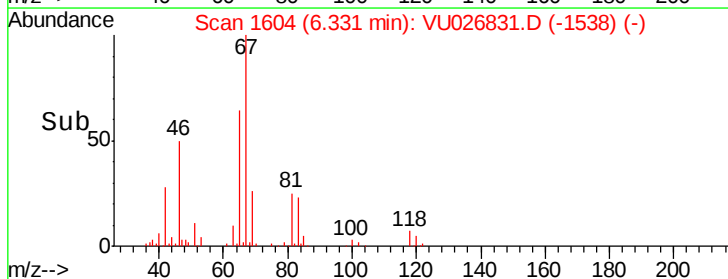
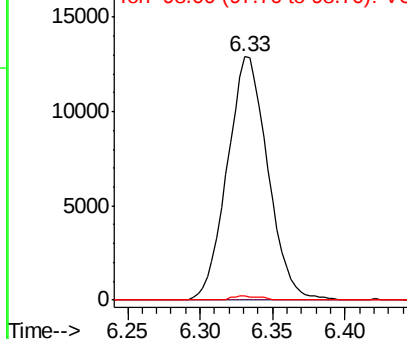
98 1.2 38.3 57.5#

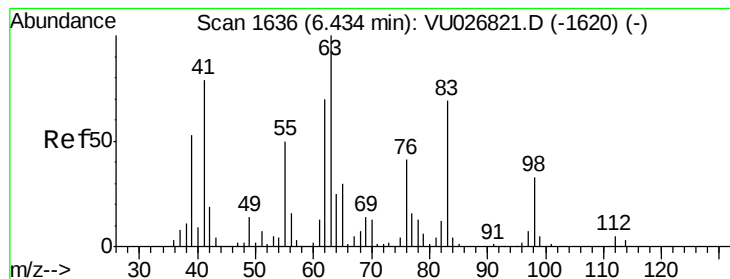


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 5.886 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026831.D

Acq: 17 Sep 2018 19:22

Instrument :

MSVOA_U

ClientSampleId :

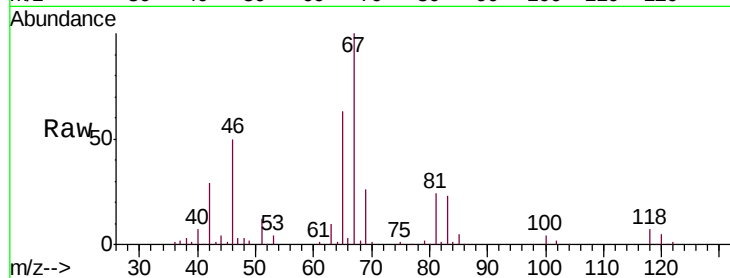
VIBLK40

Tgt Ion: 63 Resp: 11385

Ion Ratio Lower Upper

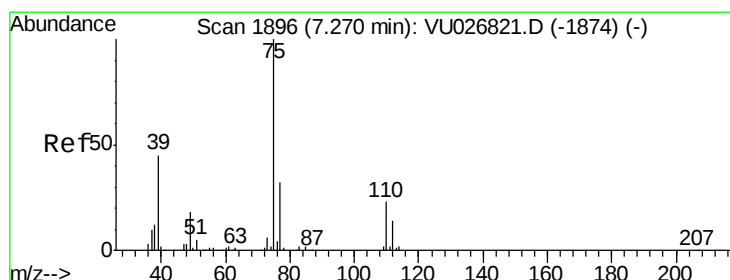
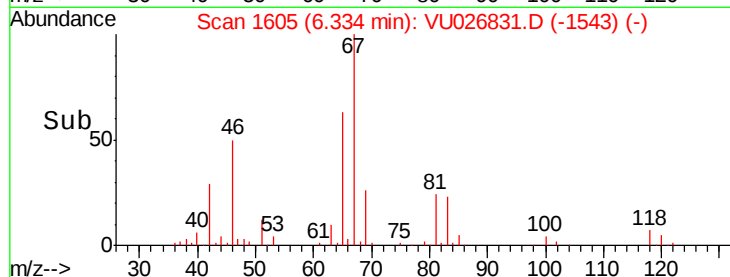
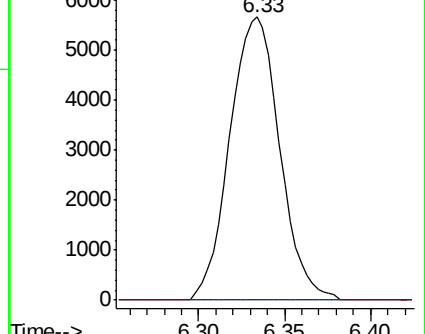
63 100

112 0.0 3.7 5.5#



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: 0.930 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU026831.D

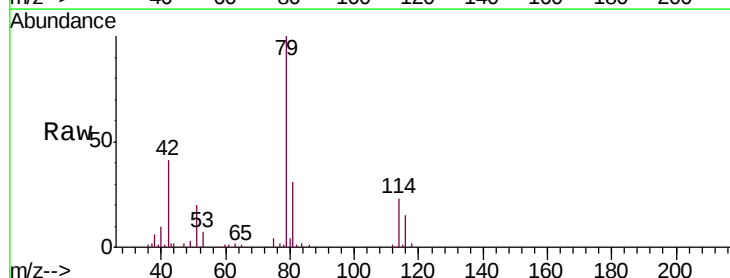
Acq: 17 Sep 2018 19:22

Tgt Ion: 75 Resp: 2541

Ion Ratio Lower Upper

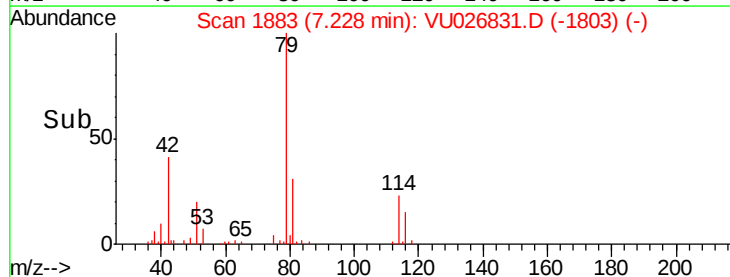
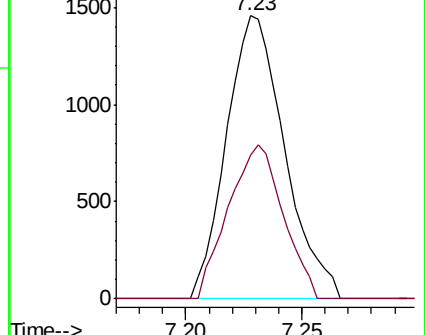
75 100

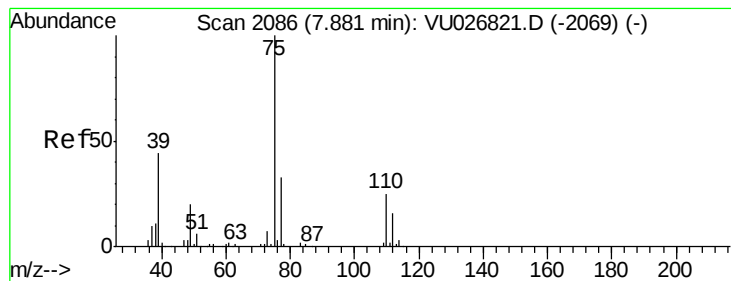
77 50.7 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.681 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026831.D

Acq: 17 Sep 2018 19:22

Instrument :

MSVOA_U

ClientSampleId :

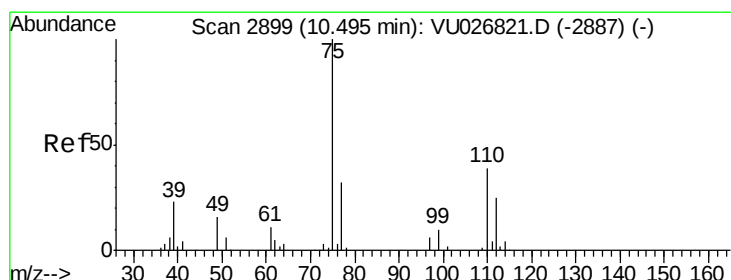
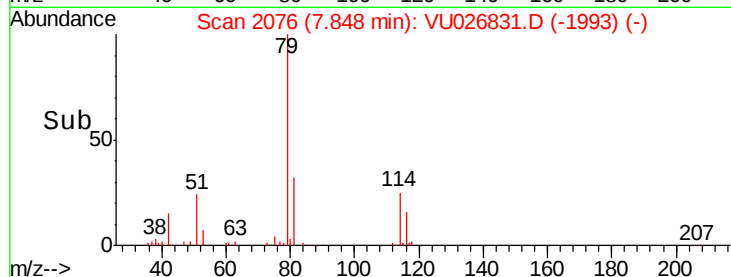
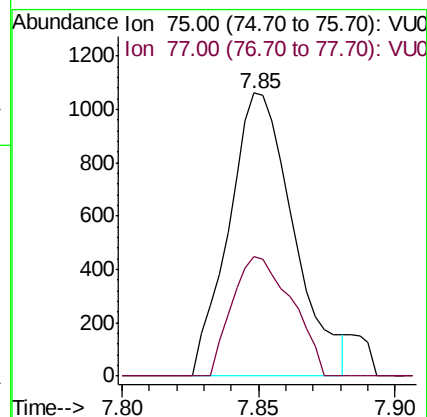
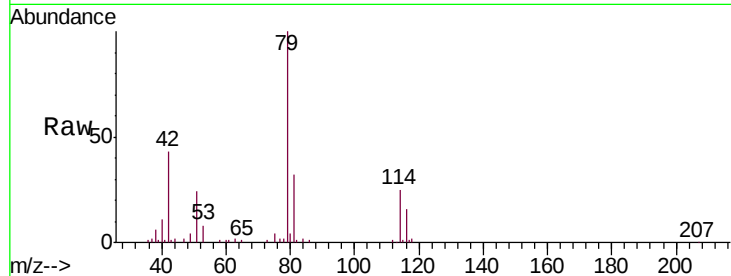
VIBLK40

Tgt Ion: 75 Resp: 1742

Ion Ratio Lower Upper

75 100

77 42.4 22.8 42.4#



#59

1,2,3-Trichloropropane

Concen: 4.452 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026831.D

Acq: 17 Sep 2018 19:22

Tgt Ion: 75 Resp: 10315

Ion Ratio Lower Upper

75 100

77 35.6 25.5 38.3

