

Data File : VU028324.D
Acq On : 21 Nov 2018 17:01
Operator : MD/SY
Sample : J5997-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 21 22:39:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	167865	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	157223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71558	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65514	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.68	69	51892	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.27	63	95157	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.19	46	185651	43.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.84%
24) Chloroform-d	4.65	84	108661	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.31	65	61644	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.34	84	222580	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.33	67	80840	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.57	98	190490	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	28611	5.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.00%
46) 2-Hexanone-d5	8.31	63	130646	41.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55195	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	62612	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

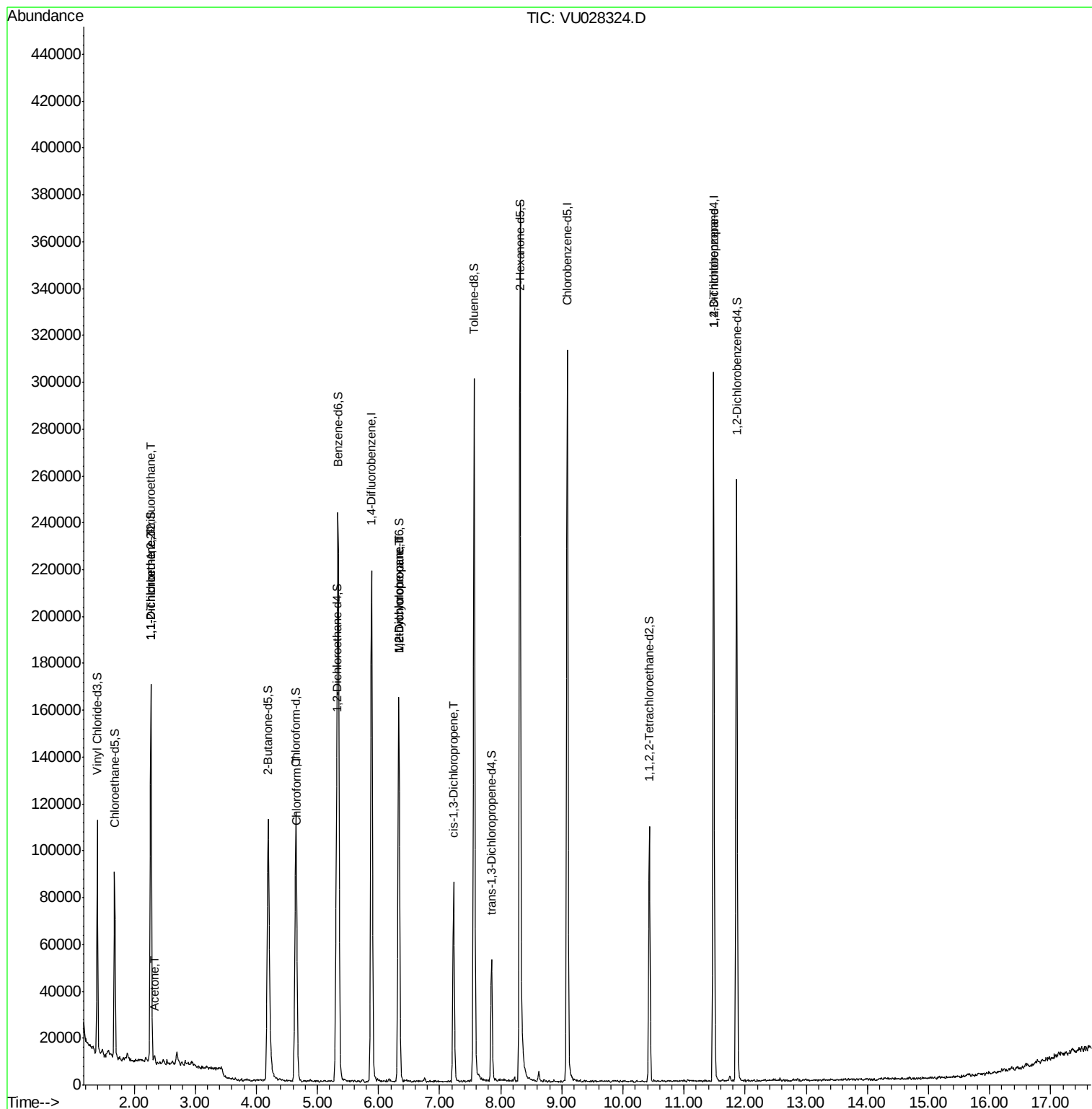
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	732	0.067	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	752	0.073	ug/L #	1
13) Acetone	2.33	43	1490	0.513	ug/L	84
25) Chloroform	4.67	83	4098	0.148	ug/L	86
35) Methylcyclohexane	6.33	83	15146	0.757	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8200	0.554	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1920	0.102	ug/L #	60
59) 1,2,3-Trichloropropane	11.48	75	10689	1.250	ug/L	94

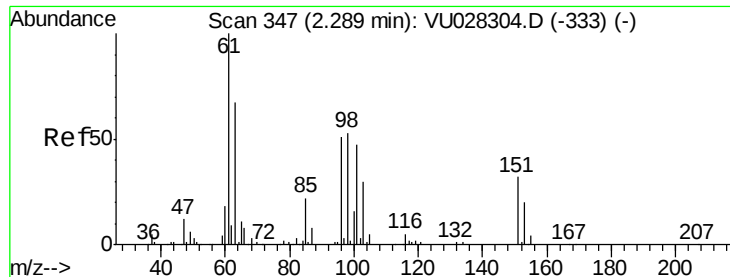
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028324.D
Acq On : 21 Nov 2018 17:01
Operator : MD/SY
Sample : J5997-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 21 22:39:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration





#10

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

Concen: 0.067 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU028324.D

Acq: 21 Nov 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

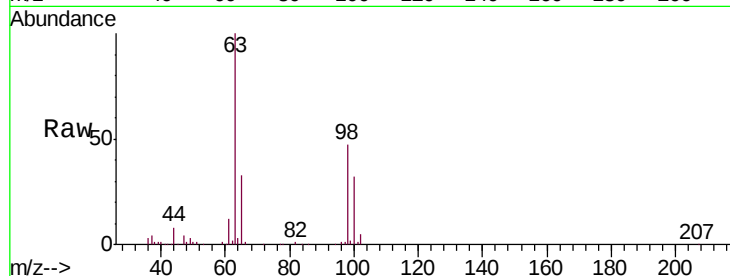
Tgt Ion: 101 Resp: 732

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

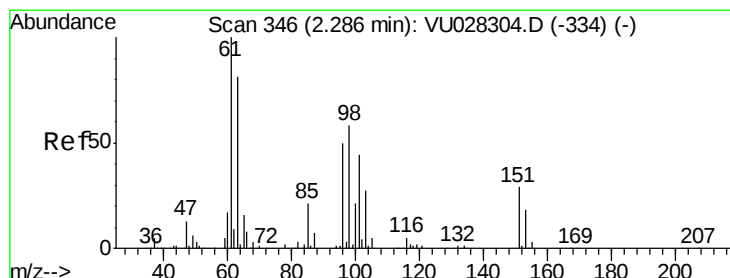
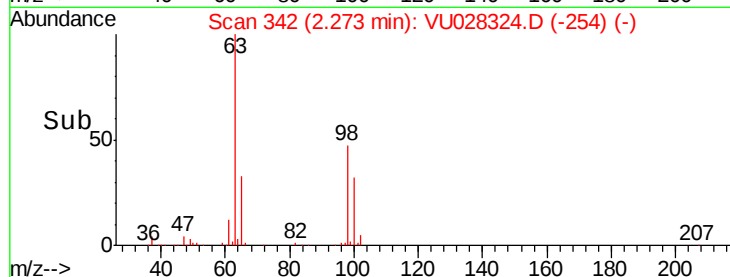
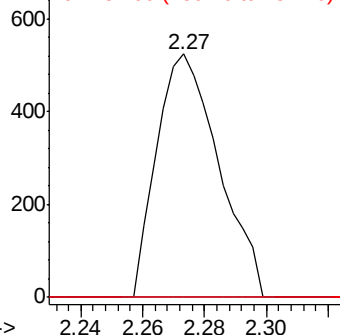
151 0.0 55.0 82.4#



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: 0.073 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028324.D

Acq: 21 Nov 2018 17:01

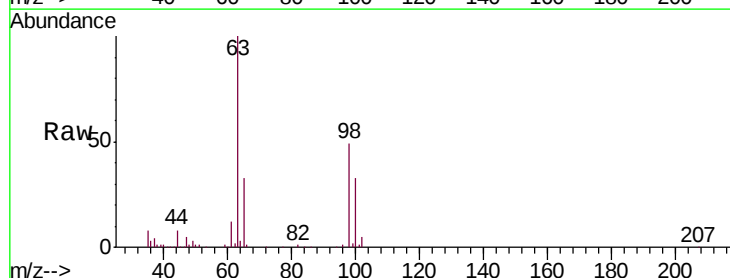
Tgt Ion: 96 Resp: 752

Ion Ratio Lower Upper

96 100

61 1874.1 145.5 270.1#

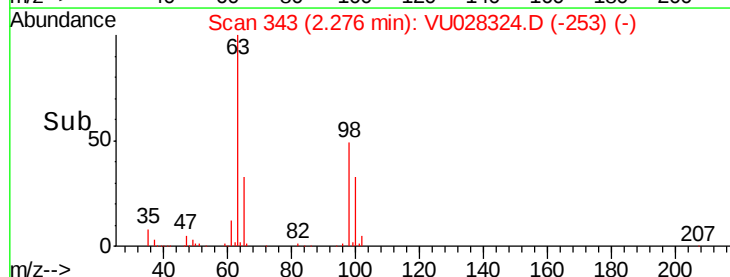
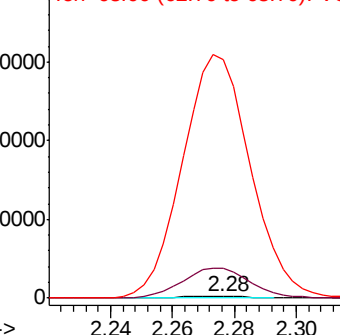
63 15228.1 98.6 183.2#

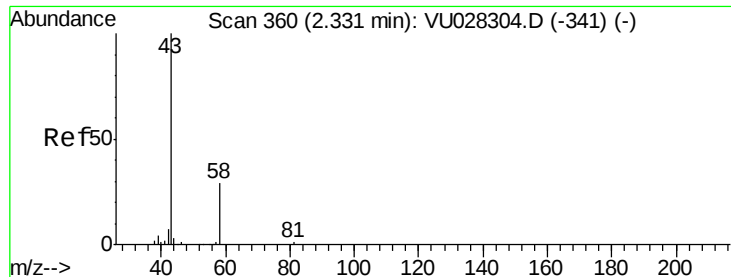


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.513 ug/L

RT: 2.33 min Scan# 360

Delta R.T. -0.00 min

Lab File: VU028324.D

Acq: 21 Nov 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

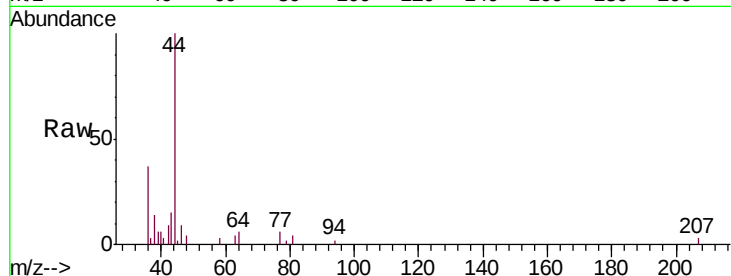
VHBLK01

Tgt Ion: 43 Resp: 1490

Ion Ratio Lower Upper

43 100

58 20.7 0.0 58.6



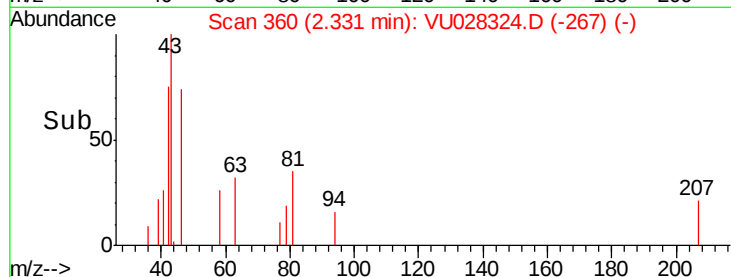
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

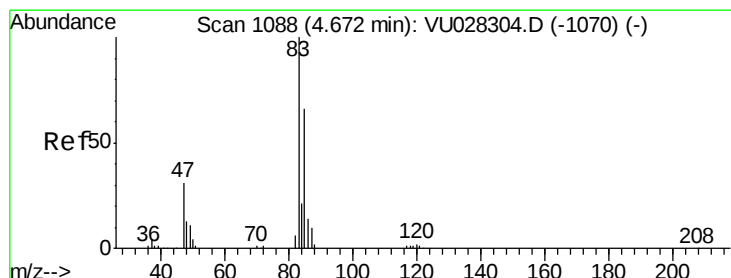
2.33

2.35

Time-->



Time-->



#25

Chloroform

Concen: 0.148 ug/L

RT: 4.67 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VU028324.D

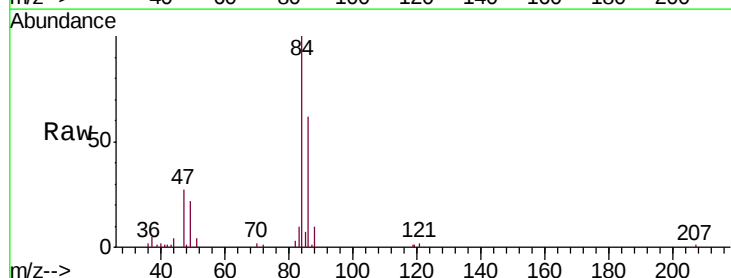
Acq: 21 Nov 2018 17:01

Tgt Ion: 83 Resp: 4098

Ion Ratio Lower Upper

83 100

85 74.3 44.6 82.8



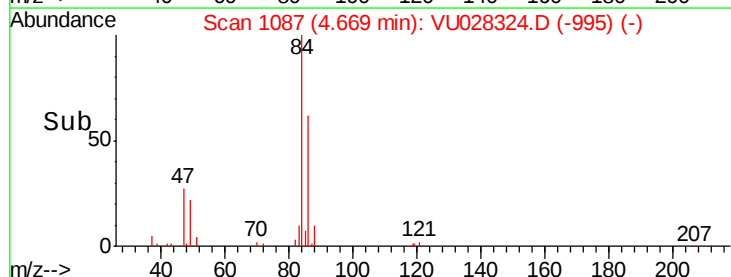
Abundance Ion 83.05 (82.75 to 83.75): VU0

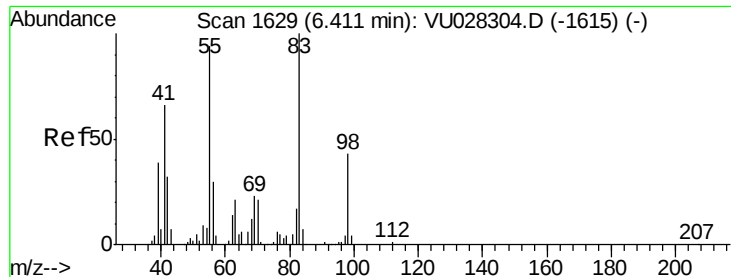
Ion 85.00 (84.70 to 85.70): VU0

4.67

4.70

Time-->





#35

Methylcyclohexane

Concen: 0.757 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU028324.D

Acq: 21 Nov 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

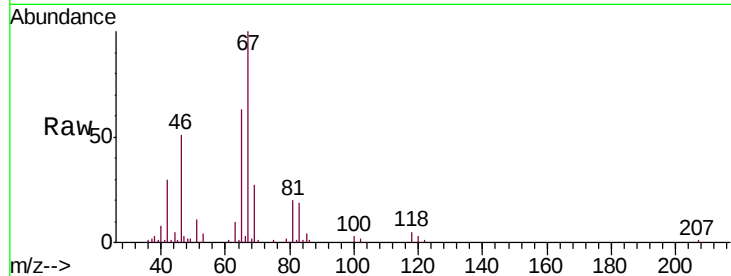
Tgt Ion: 83 Resp: 15146

Ion Ratio Lower Upper

83 100

55 0.3 73.2 109.8#

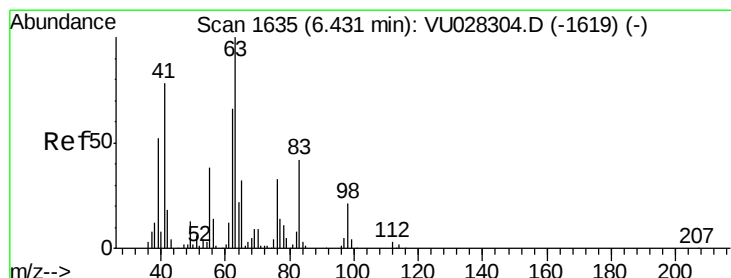
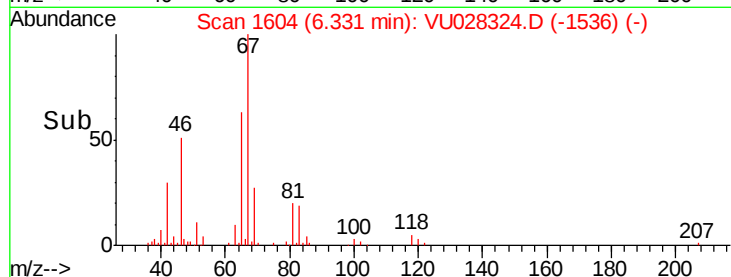
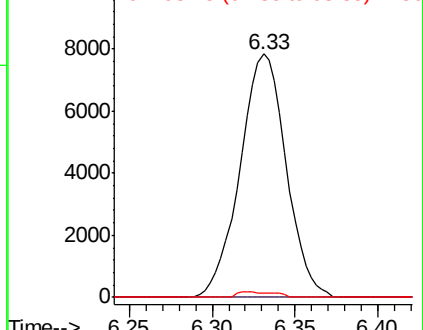
98 1.8 33.4 50.2#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU028324.D

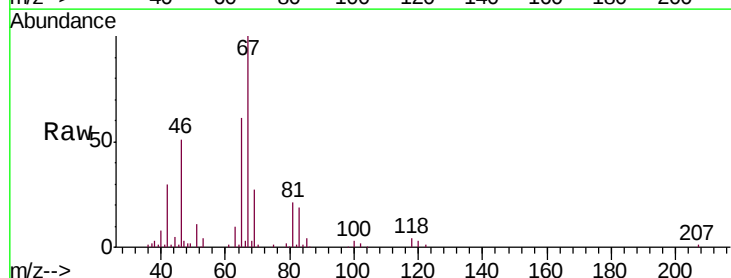
Acq: 21 Nov 2018 17:01

Tgt Ion: 63 Resp: 8200

Ion Ratio Lower Upper

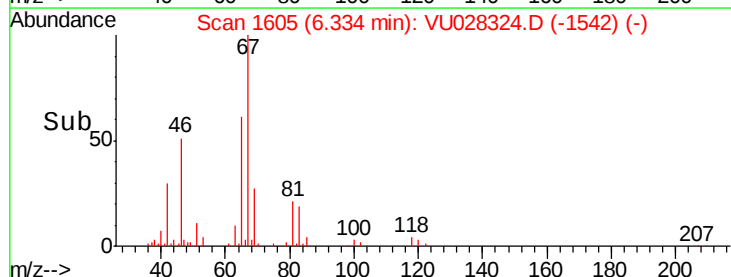
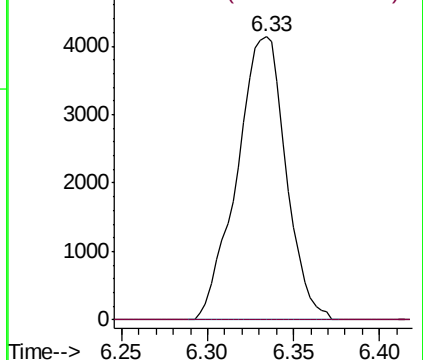
63 100

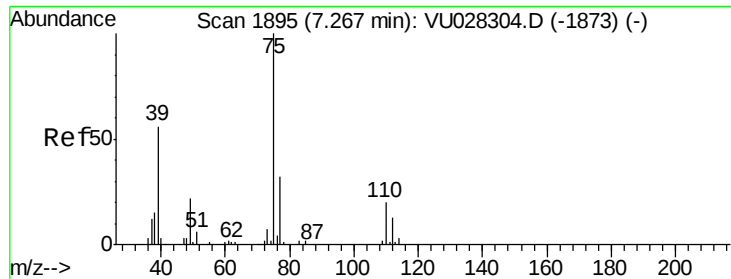
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



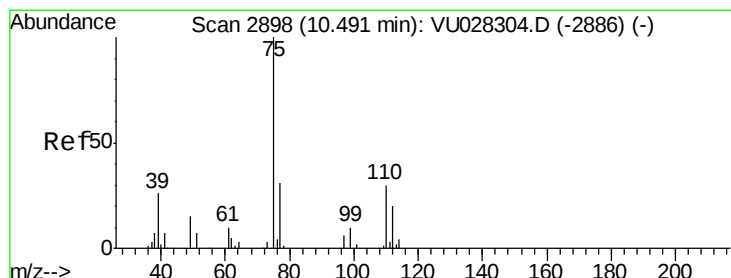
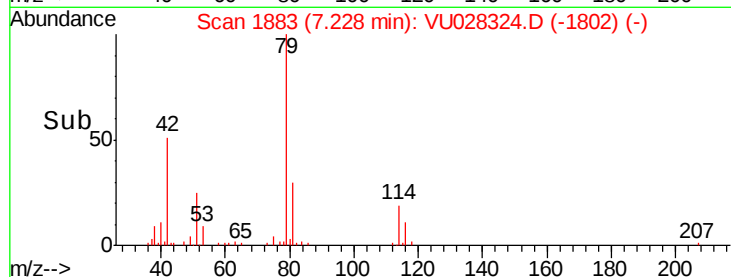
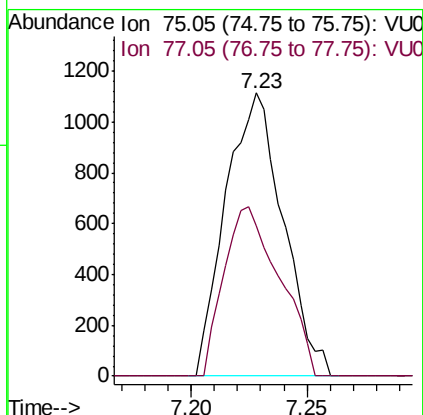
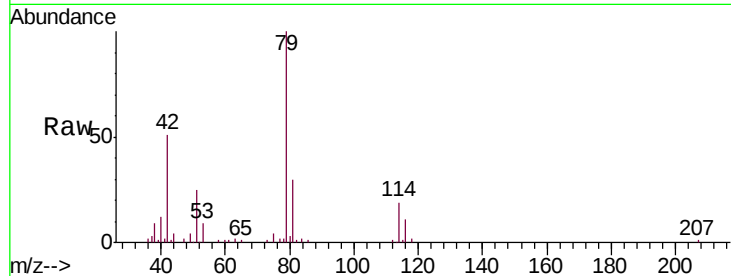


#39

cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028324.D
 Acq: 21 Nov 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 1920
 Ion Ratio Lower Upper
 75 100
 77 53.2 21.7 40.3#



#59

1,2,3-Trichloropropane
 Concen: 1.250 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028324.D
 Acq: 21 Nov 2018 17:01

Tgt Ion: 75 Resp: 10689
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.7 38.5

