

Data File : VU023618.D
Acq On : 03 May 2018 23:05
Operator : MD/SY
Sample : J2630-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:46:26 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 04:44:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	148780	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146280	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64812	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45703	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.68	69	38606	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.27	63	64611	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.20	46	153051	49.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	4.65	84	91249	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.32	65	49512	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.34	84	176966	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.34	67	61769	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.57	98	144442	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.86	79	12955	2.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.00%
46) 2-Hexanone-d5	8.32	63	105137	43.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.14%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	48733	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.87	152	59100	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

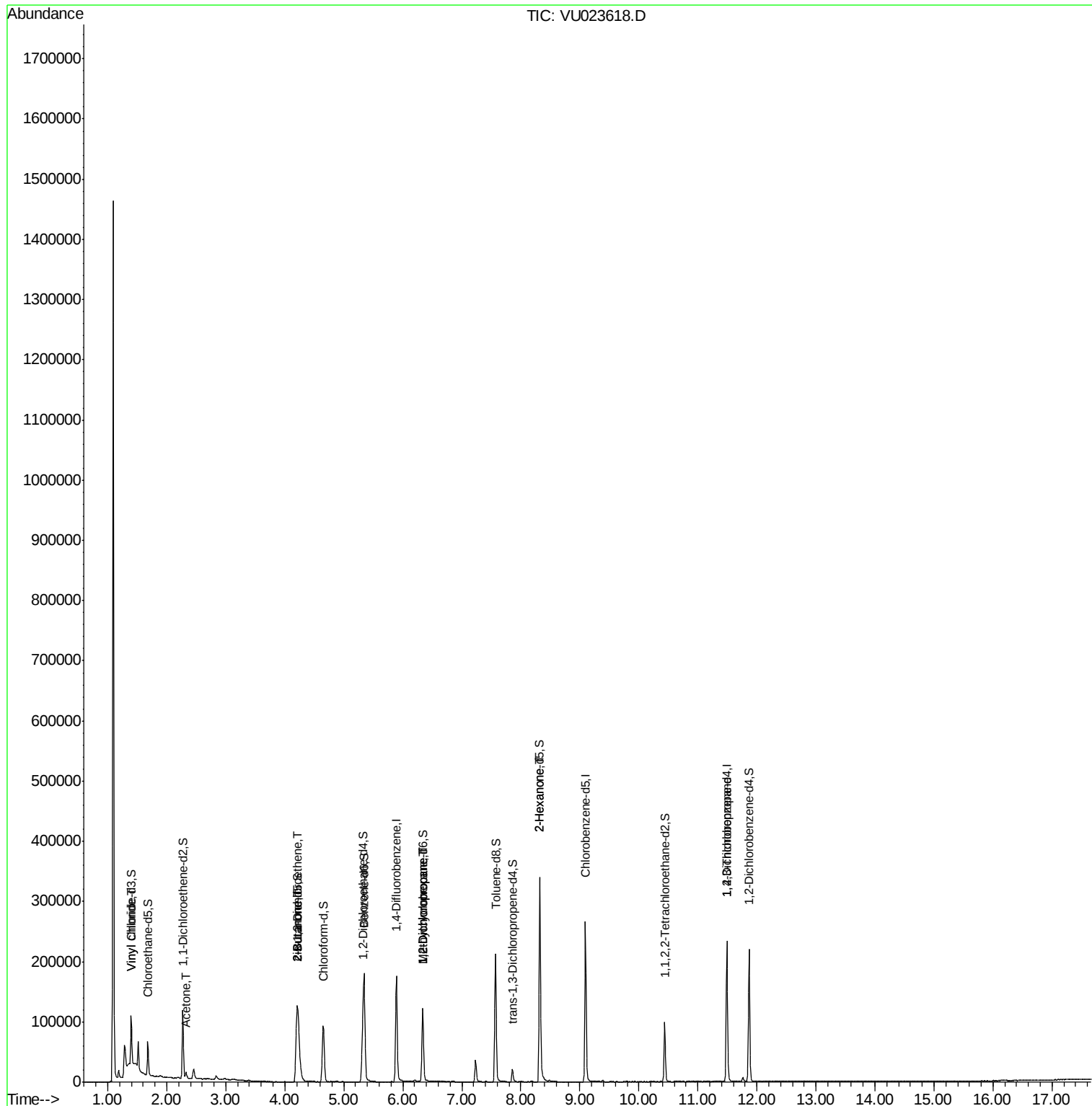
Target Compounds

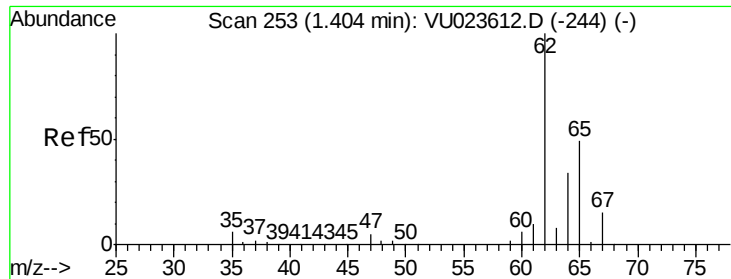
						Qvalue
5) Vinyl chloride	1.40	62	6908	0.50	ug/L	# 1
13) Acetone	2.33	43	9732	5.46	ug/L	95
21) 2-Butanone	4.20	43	1230	0.37	ug/L	79
22) cis-1,2-Dichloroethene	4.23	96	40080	3.48	ug/L	98
35) Methylcyclohexane	6.34	83	13198	0.76	ug/L	# 15
37) 1,2-Dichloropropane	6.34	63	6583	0.54	ug/L	# 89
48) 2-Hexanone	8.32	43	15299	2.83	ug/L	# 78
59) 1,2,3-Trichloropropane	11.49	75	7641	1.06	ug/L	92

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

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#5

Vinyl chloride

Concen: 0.50 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

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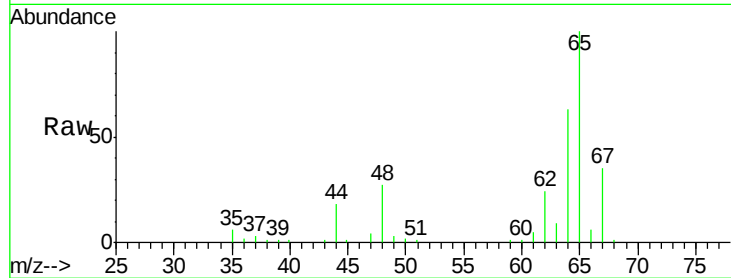
Acq: 03 May 2018 23:05

Tgt Ion: 62 Resp: 6908

Ion Ratio Lower Upper

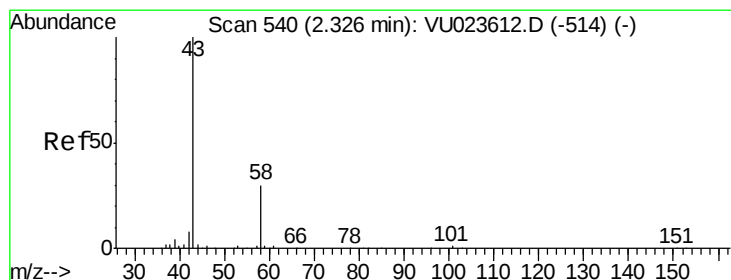
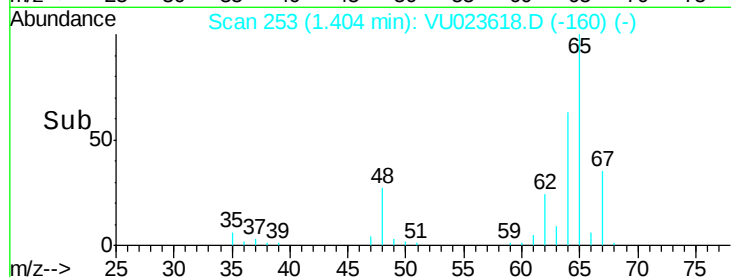
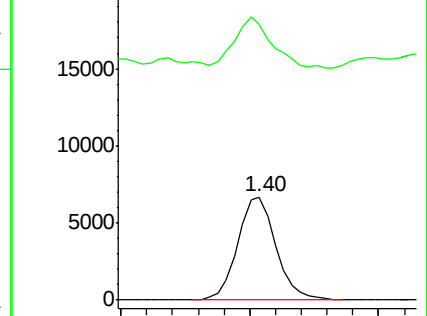
62 100

64 267.8 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 5.46 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU023618.D

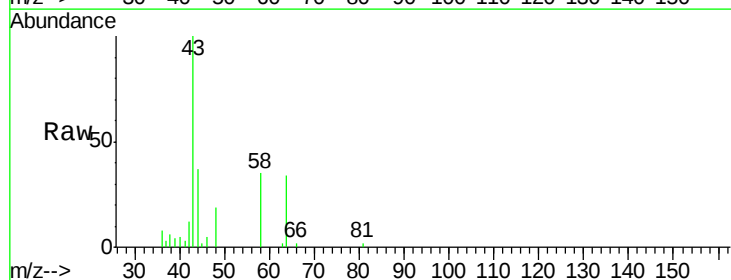
Acq: 03 May 2018 23:05

Tgt Ion: 43 Resp: 9732

Ion Ratio Lower Upper

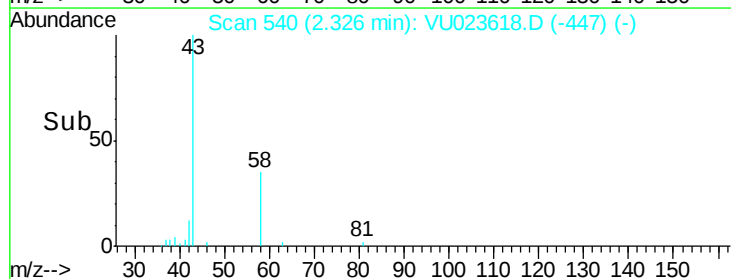
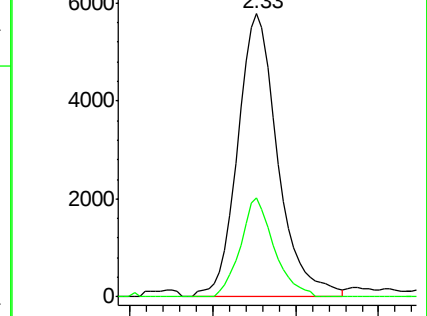
43 100

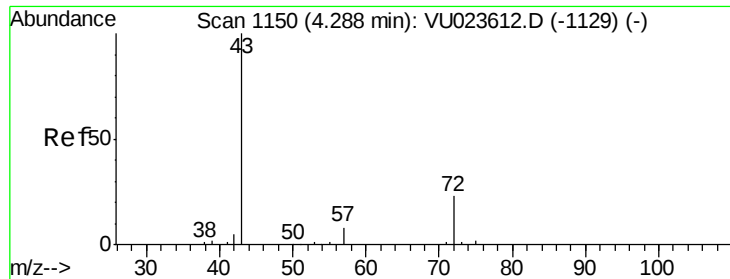
58 29.2 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 0.37 ug/L

RT: 4.20 min Scan# 1124

Delta R.T. -0.08 min

Lab File: VU023618.D

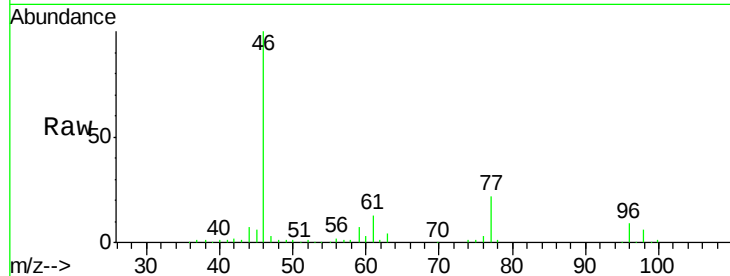
Acq: 03 May 2018 23:05

Tgt Ion: 43 Resp: 1230

Ion Ratio Lower Upper

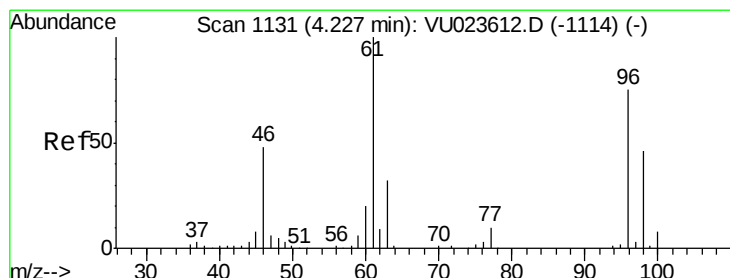
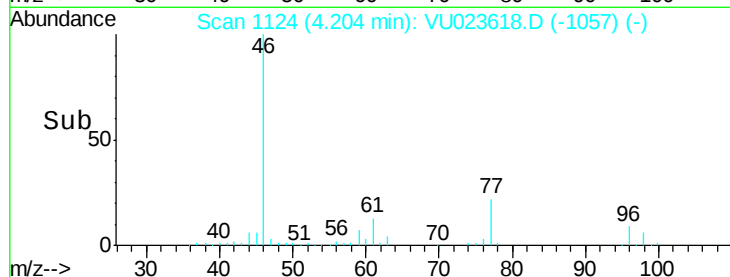
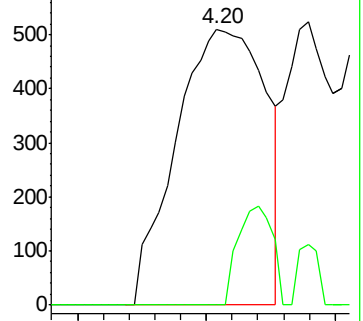
43 100

72 13.8 12.3 36.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 3.48 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023618.D

Acq: 03 May 2018 23:05

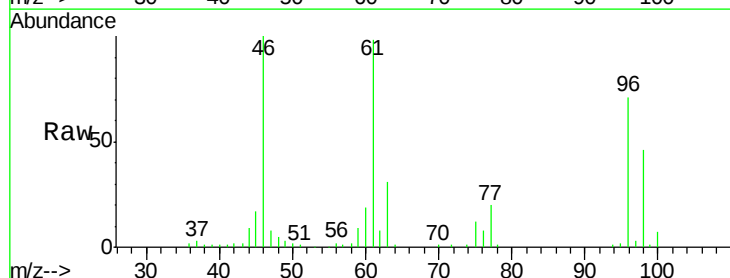
Tgt Ion: 96 Resp: 40080

Ion Ratio Lower Upper

96 100

61 137.1 94.6 175.6

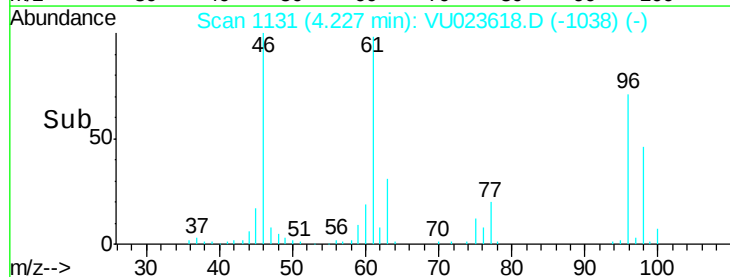
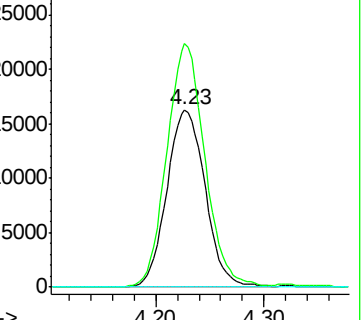
68 0.0 0.0 0.0

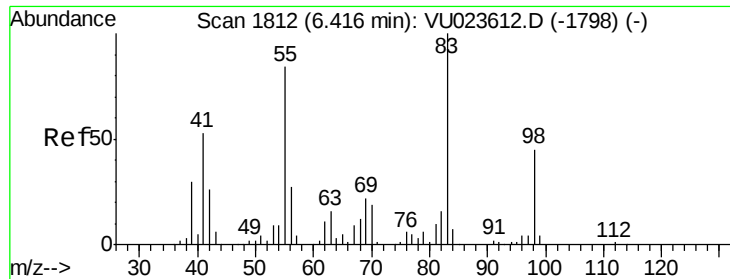


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#35

Methylcyclohexane

Concen: 0.76 ug/L

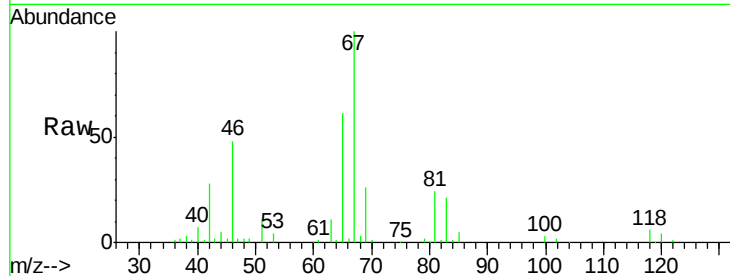
RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

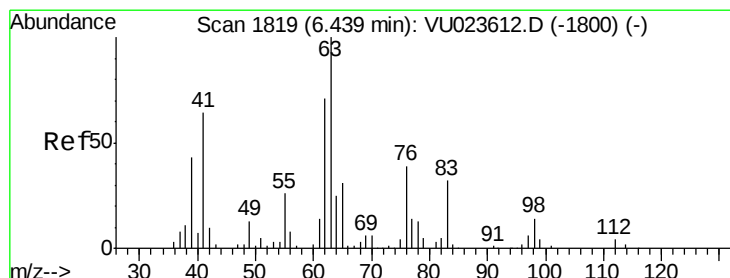
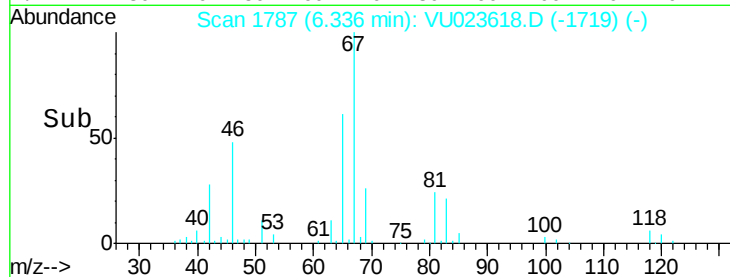
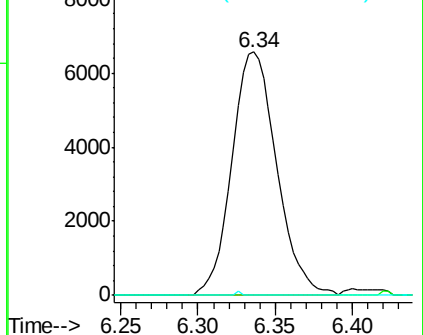
Lab File: VU023618.D

Acq: 03 May 2018 23:05

Tgt Ion:	83	Resp:	13198
Ion	Ratio	Lower	Upper
83	100		
55	0.3	68.4	102.6#
98	0.2	36.7	55.1#



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: 0.54 ug/L

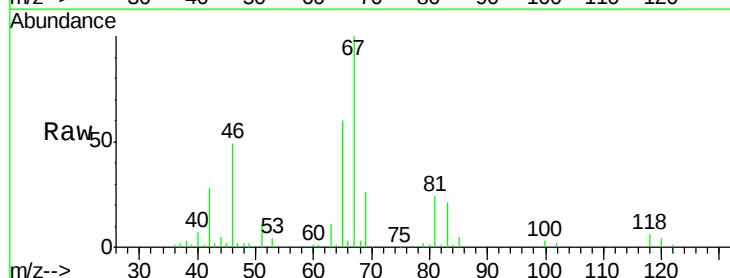
RT: 6.34 min Scan# 1788

Delta R.T. -0.10 min

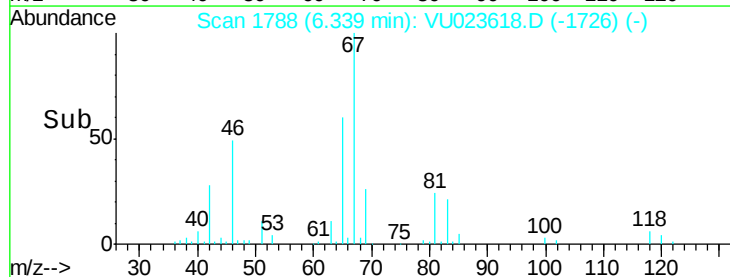
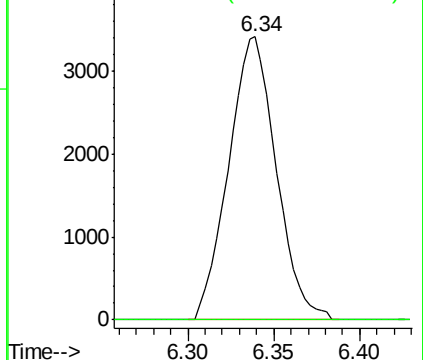
Lab File: VU023618.D

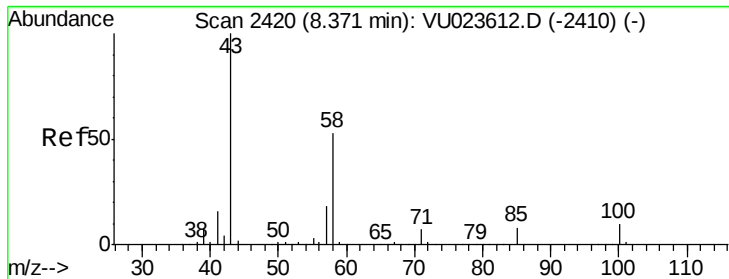
Acq: 03 May 2018 23:05

Tgt Ion:	63	Resp:	6583
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



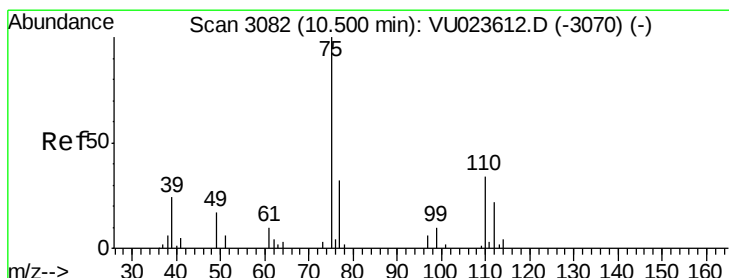
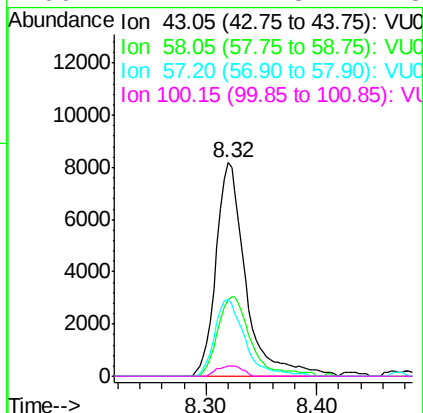
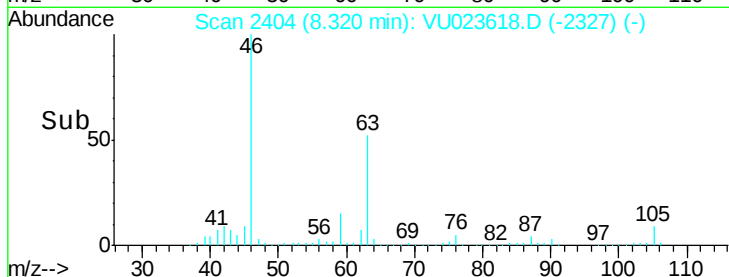
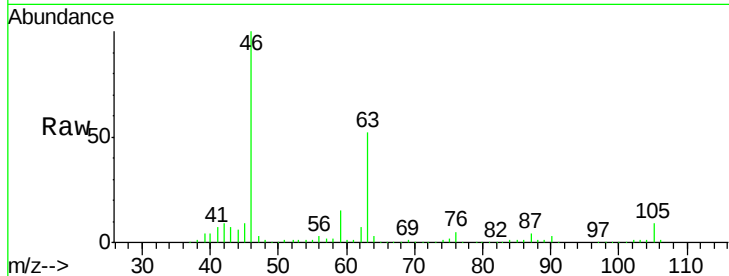
Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 2.83 ug/L
 RT: 8.32 min Scan# 2404
 Delta R.T. -0.05 min
 Lab File: VU023618.D
 Acq: 03 May 2018 23:05

Tgt Ion:	43	Resp:	15299
Ion	Ratio	Lower	Upper
43	100		
58	41.1	42.1	63.1#
57	35.9	14.3	21.5#
100	4.2	7.8	11.8#



#59
 1,2,3-Trichloropropane
 Concen: 1.06 ug/L
 RT: 11.49 min Scan# 3390
 Delta R.T. 0.99 min
 Lab File: VU023618.D
 Acq: 03 May 2018 23:05

Tgt Ion:	75	Resp:	7641
Ion	Ratio	Lower	Upper
75	100		
77	36.8	26.0	39.0

