

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050518\
 Data File : VU023661.D
 Acq On : 05 May 2018 12:00
 Operator : MD/SY
 Sample : J2630-23 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 06 01:02:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun May 06 01:00:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	147553	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	67136	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50037	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.68	69	41168	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.28	63	69285	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.20	46	141411	45.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.34%
24) Chloroform-d	4.65	84	97626	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.31	65	51072	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.34	84	191865	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.34	67	65911	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.57	98	156119	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	19899	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.32	63	108521	44.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.40%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	47064	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	64271	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

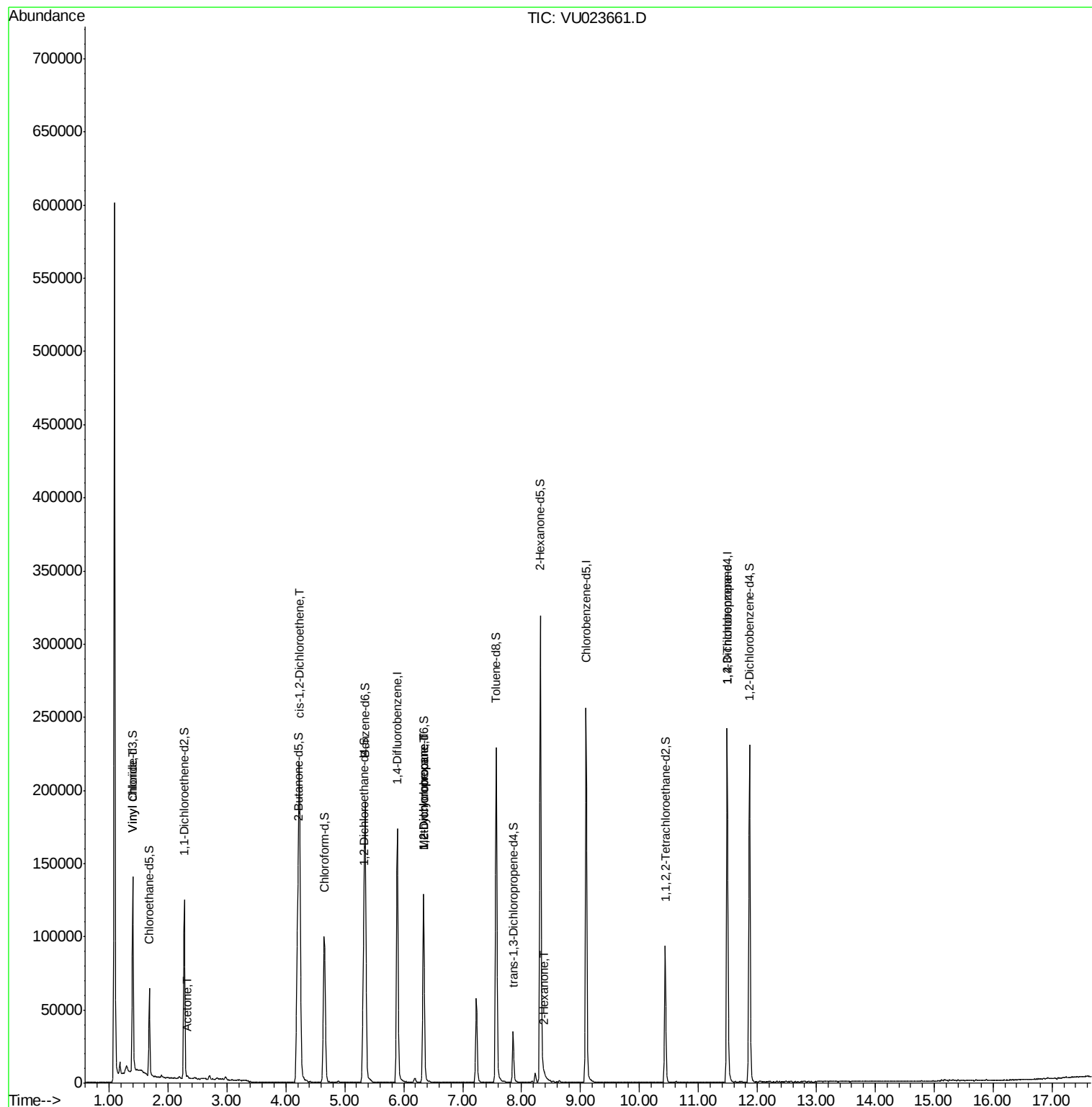
Target Compounds

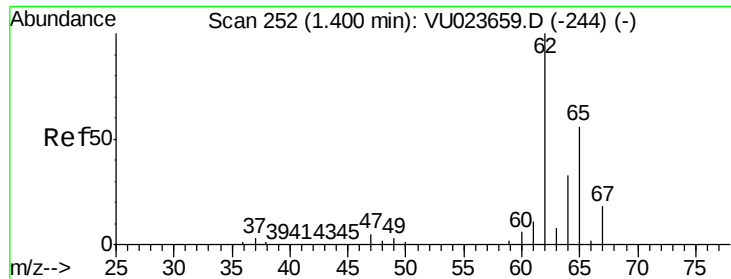
						Qvalue
5) Vinyl chloride	1.40	62	43251	3.14	ug/L	99
13) Acetone	2.33	43	880	0.50	ug/L	65
22) cis-1,2-Dichloroethene	4.23	96	108639	9.52	ug/L	100
35) Methylcyclohexane	6.34	83	14600	0.83	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	6579	0.53	ug/L #	89
48) 2-Hexanone	8.38	43	1638	0.30	ug/L #	53
59) 1,2,3-Trichloropropane	11.49	75	7943	1.09	ug/L	92

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

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#5

Vinyl chloride

Concen: 3.14 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023661.D

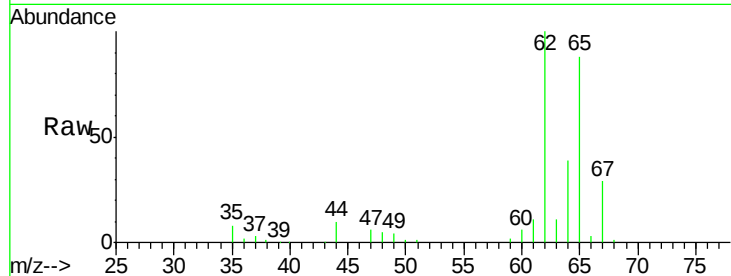
Acq: 05 May 2018 12:00

Tgt Ion: 62 Resp: 43251

Ion Ratio Lower Upper

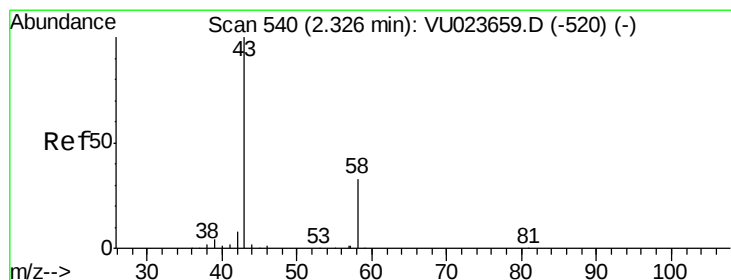
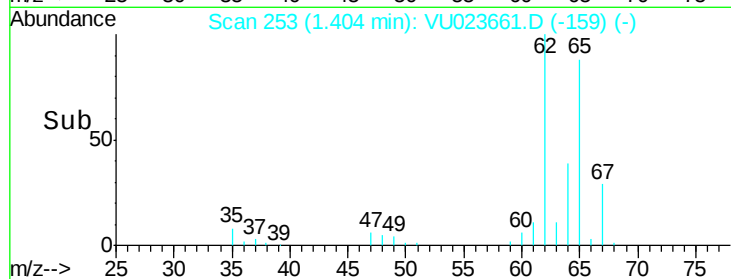
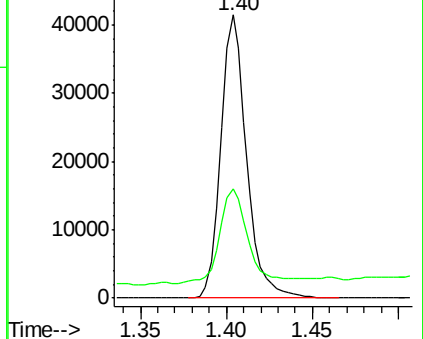
62 100

64 38.8 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: 0.50 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023661.D

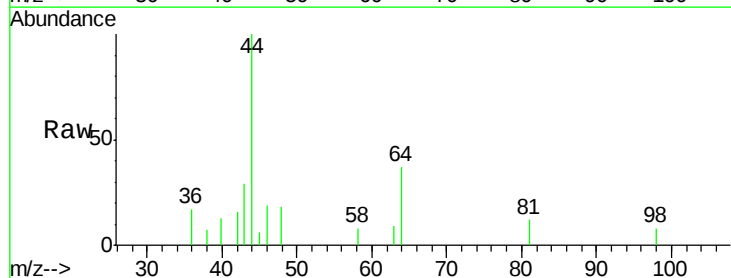
Acq: 05 May 2018 12:00

Tgt Ion: 43 Resp: 880

Ion Ratio Lower Upper

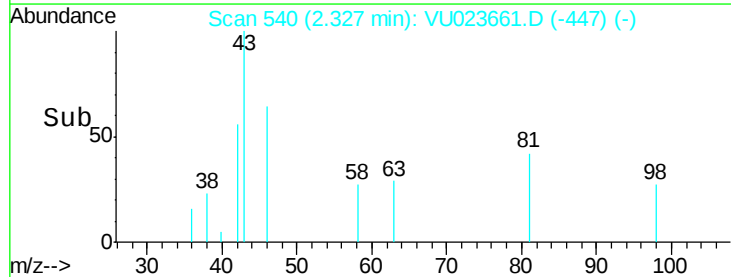
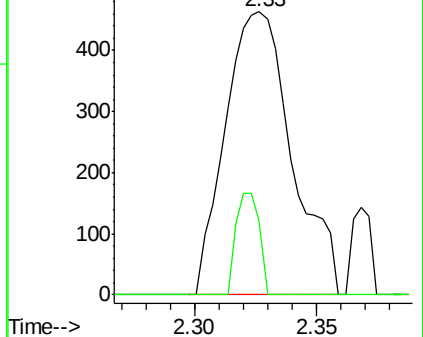
43 100

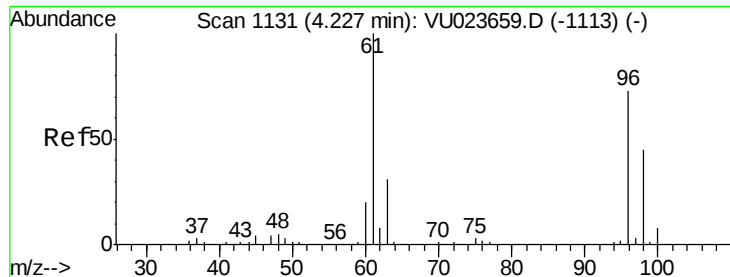
58 12.5 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 9.52 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU023661.D

Acq: 05 May 2018 12:00

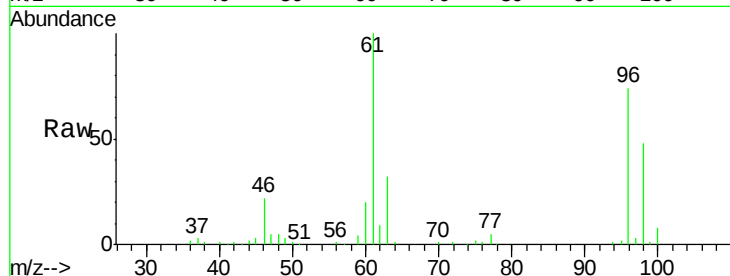
Tgt Ion: 96 Resp: 108639

Ion Ratio Lower Upper

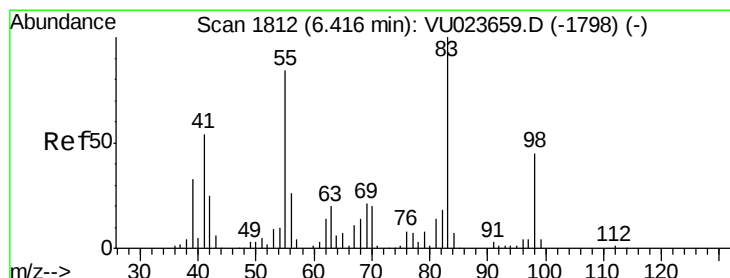
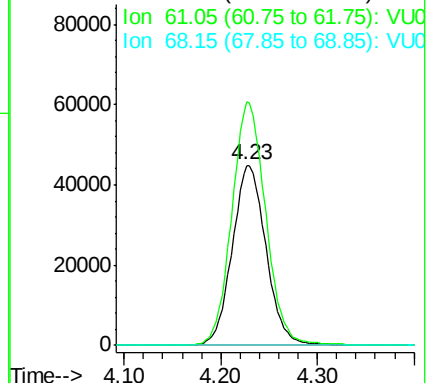
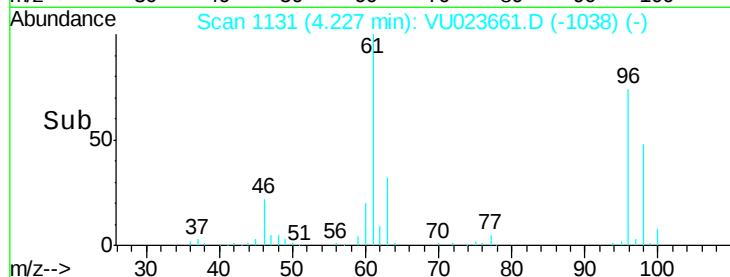
96 100

61 135.3 94.6 175.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU023661.D (-1038) (-)



#35

Methylcyclohexane

Concen: 0.83 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023661.D

Acq: 05 May 2018 12:00

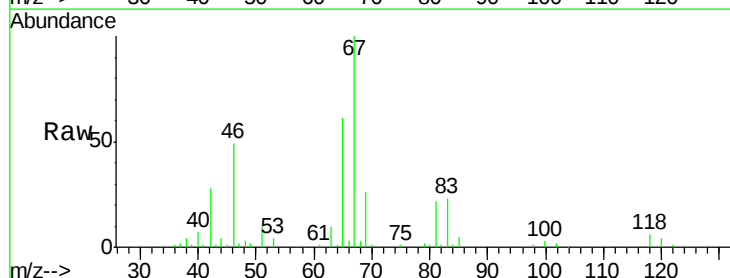
Tgt Ion: 83 Resp: 14600

Ion Ratio Lower Upper

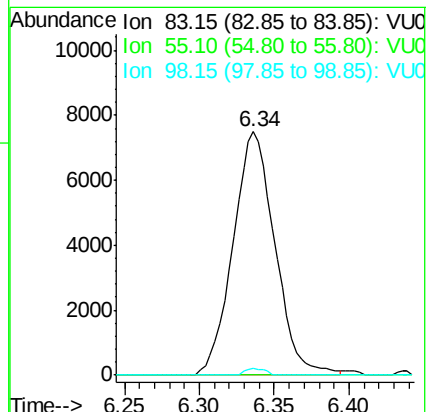
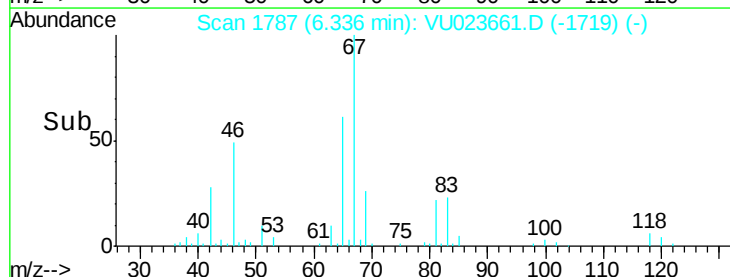
83 100

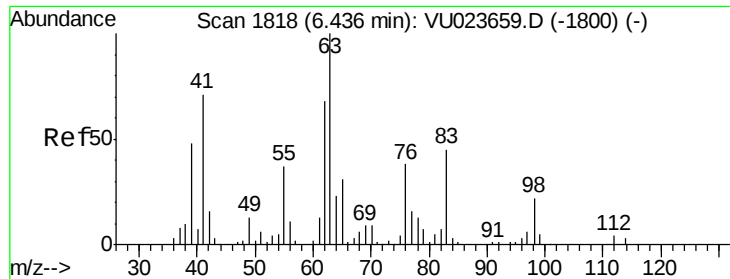
55 0.0 68.4 102.6#

98 1.3 36.7 55.1#



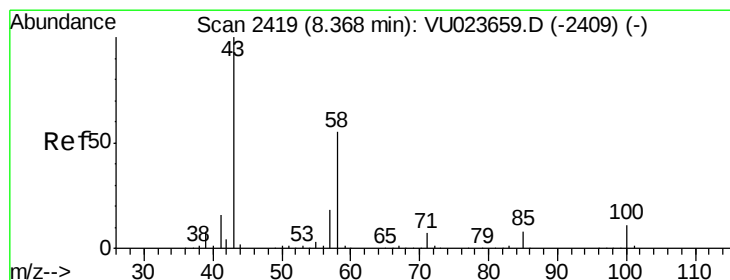
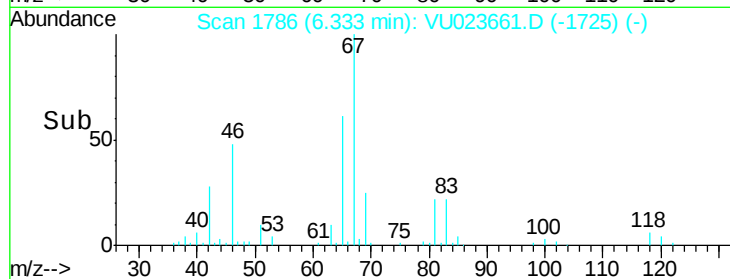
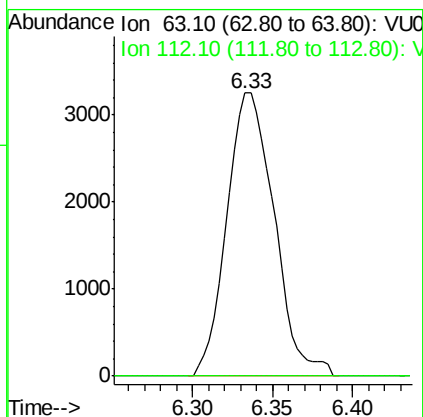
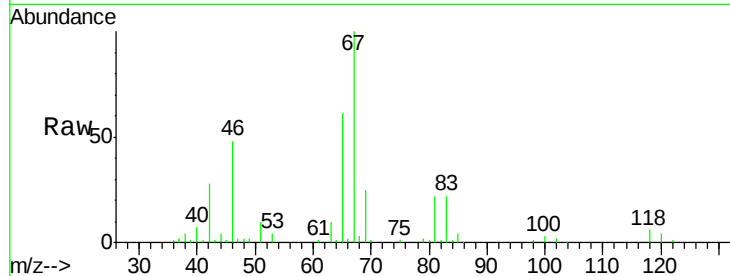
Abundance Ion 83.15 (82.85 to 83.85): VU023661.D (-1719) (-)





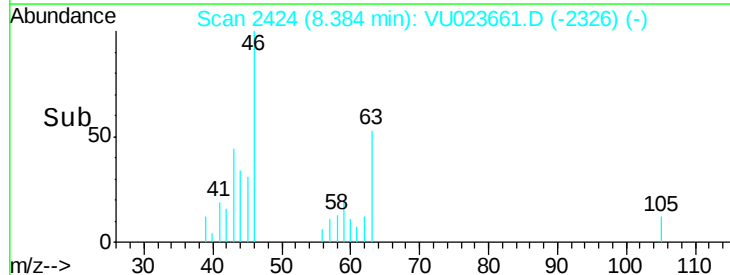
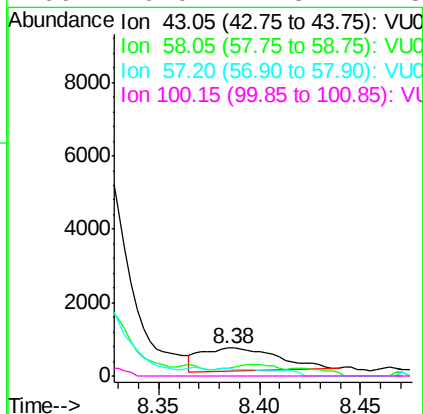
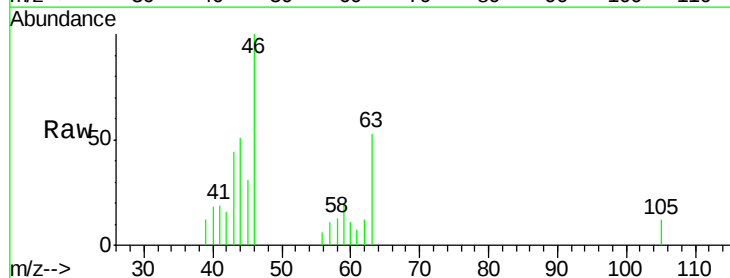
#37
 1,2-Dichloropropane
 Concen: 0.53 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU023661.D
 Acq: 05 May 2018 12:00

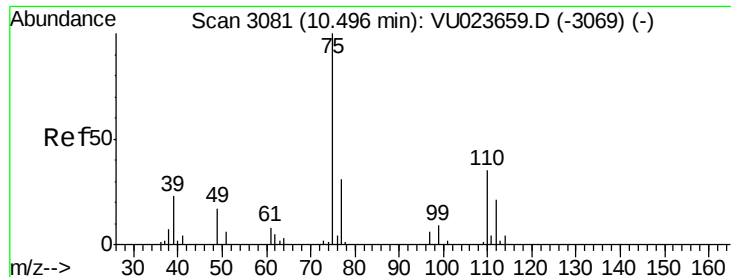
Tgt Ion: 63 Resp: 6579
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#48
 2-Hexanone
 Concen: 0.30 ug/L
 RT: 8.38 min Scan# 2424
 Delta R.T. 0.02 min
 Lab File: VU023661.D
 Acq: 05 May 2018 12:00

Tgt Ion: 43 Resp: 1638
 Ion Ratio Lower Upper
 43 100
 58 14.8 42.1 63.1#
 57 0.0 14.3 21.5#
 100 0.0 7.8 11.8#





#59

1,2,3-Trichloropropane

Concen: 1.09 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023661.D

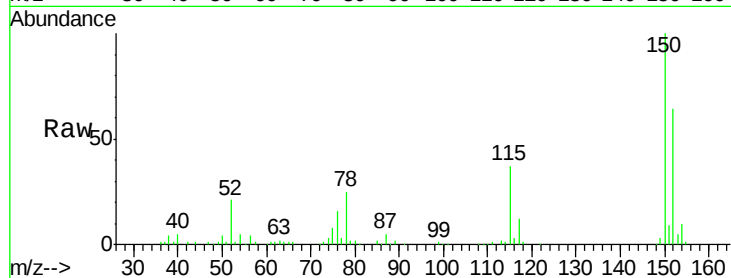
Acq: 05 May 2018 12:00

Tgt Ion: 75 Resp: 7943

Ion Ratio Lower Upper

75 100

77 36.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

