

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
 Data File : VU023641.D
 Acq On : 04 May 2018 20:10
 Operator : MD/SY
 Sample : J2630-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: May 05 01:20:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 05 01:17:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	149620	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153782	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	67723	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48887	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.68	69	40139	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.27	63	67583	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.20	46	156876	49.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.94%
24) Chloroform-d	4.65	84	93796	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.32	65	51698	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.34	84	180399	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.34	67	63914	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.57	98	154436	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.86	79	20213	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.32	63	120769	47.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.22%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	50857	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	63686	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

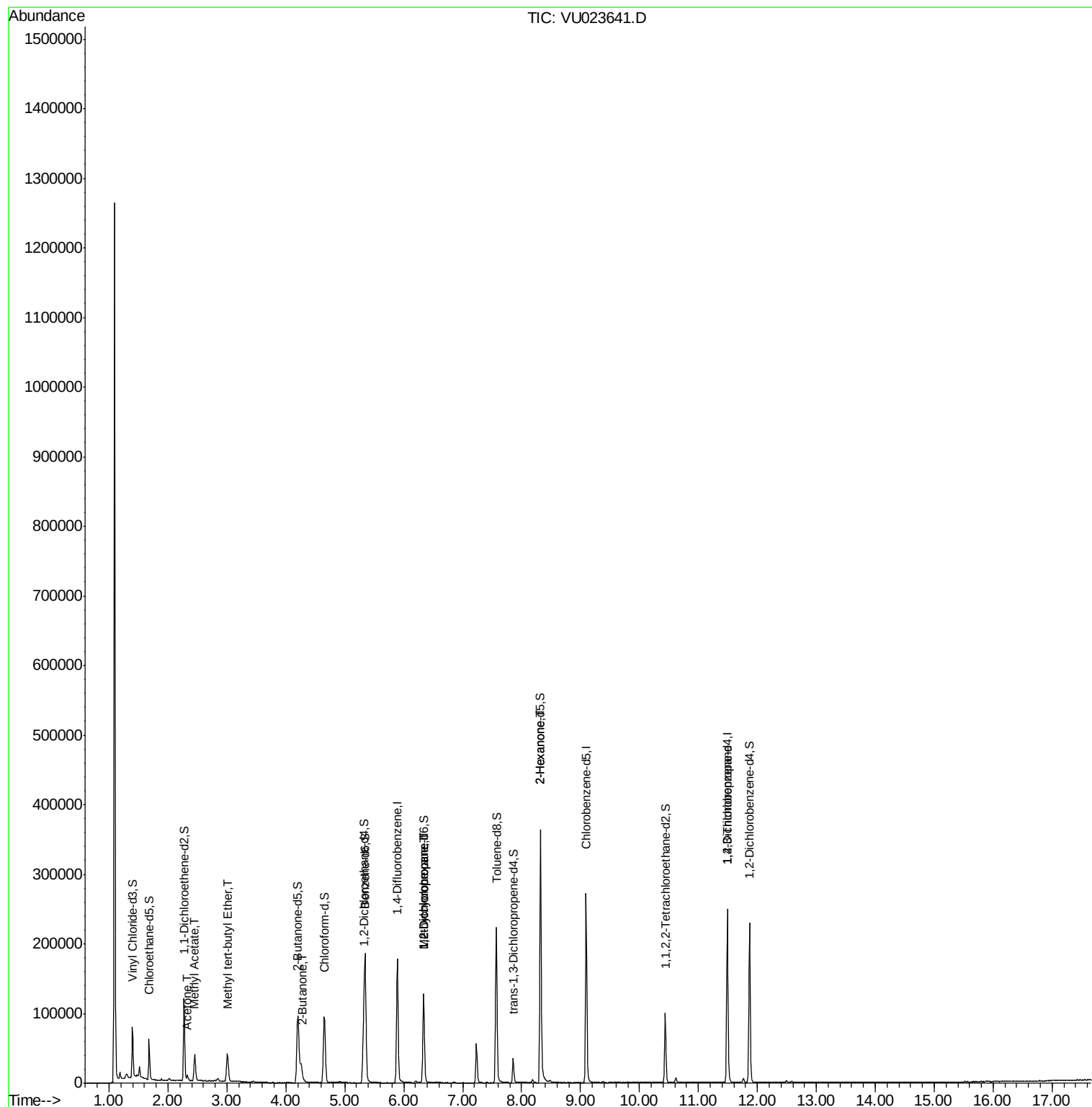
Target Compounds

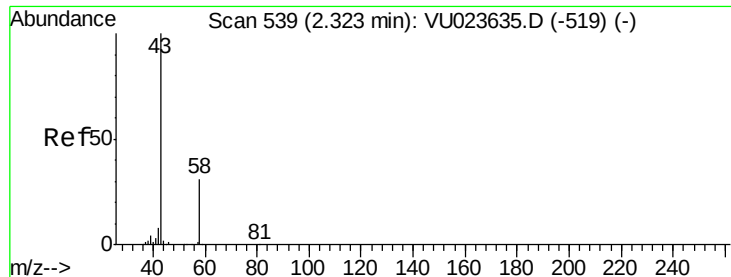
						Qvalue
13) Acetone	2.33	43	8896	4.96	ug/L	94
15) Methyl Acetate	2.45	43	9788	1.94	ug/L #	56
17) Methyl tert-butyl Ether	3.01	73	39815	1.75	ug/L	98
21) 2-Butanone	4.28	43	1581	0.48	ug/L #	74
35) Methylcyclohexane	6.34	83	13989	0.76	ug/L #	15
37) 1,2-Dichloropropane	6.34	63	6689	0.52	ug/L #	89
48) 2-Hexanone	8.32	43	15461	2.72	ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	7971	1.05	ug/L #	86

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

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#13

Acetone

Concen: 4.96 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023641.D

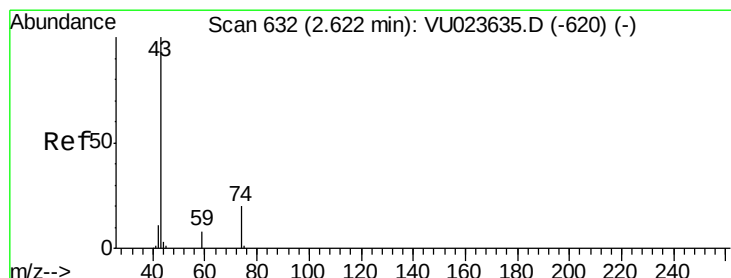
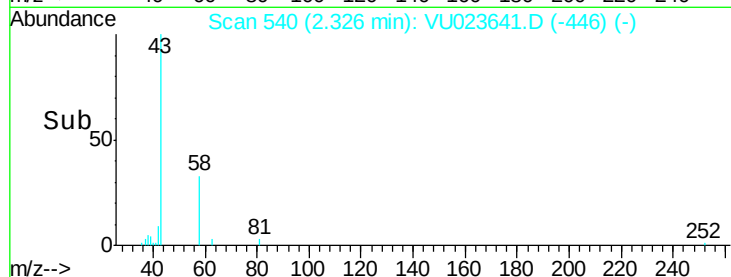
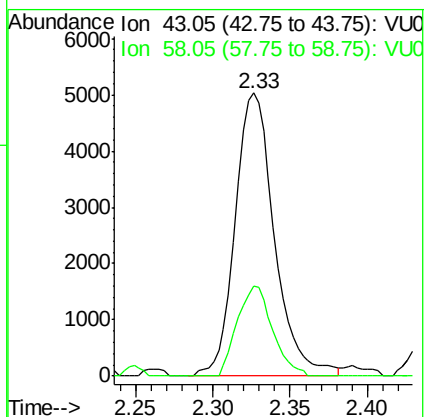
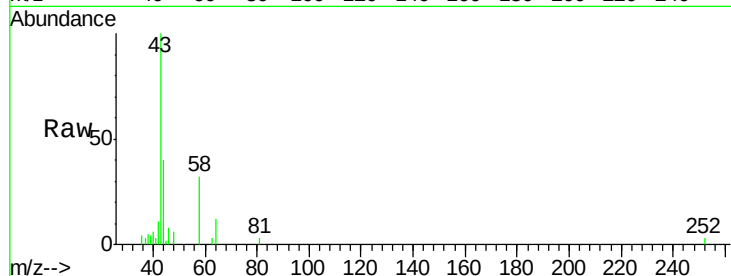
Acq: 04 May 2018 20:10

Tgt Ion: 43 Resp: 8896

Ion Ratio Lower Upper

43 100

58 28.5 0.0 63.8



#15

Methyl Acetate

Concen: 1.94 ug/L

RT: 2.45 min Scan# 580

Delta R.T. -0.17 min

Lab File: VU023641.D

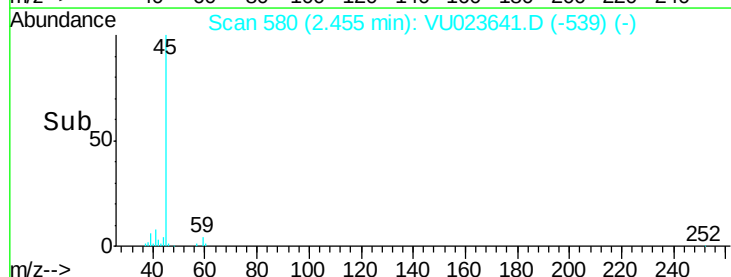
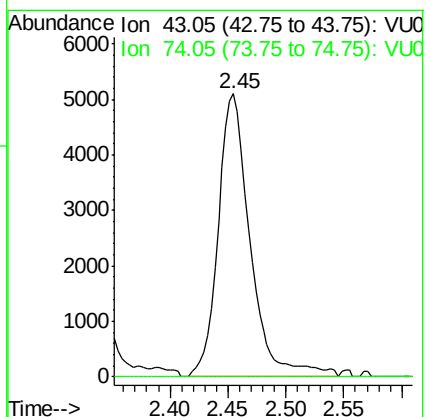
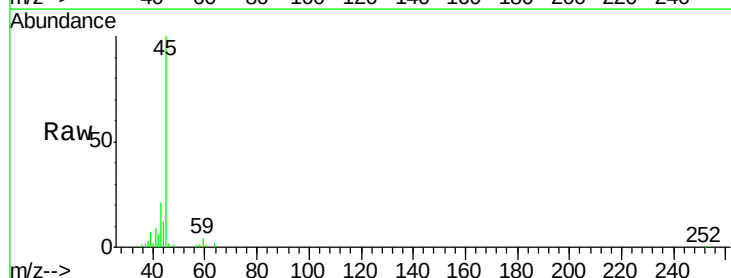
Acq: 04 May 2018 20:10

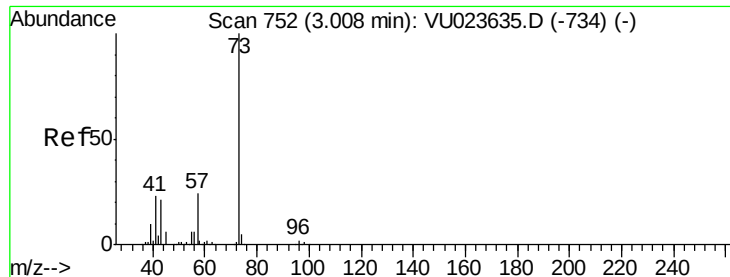
Tgt Ion: 43 Resp: 9788

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#





#17

Methyl tert-butyl Ether

Concen: 1.75 ug/L

RT: 3.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VU023641.D

Acq: 04 May 2018 20:10

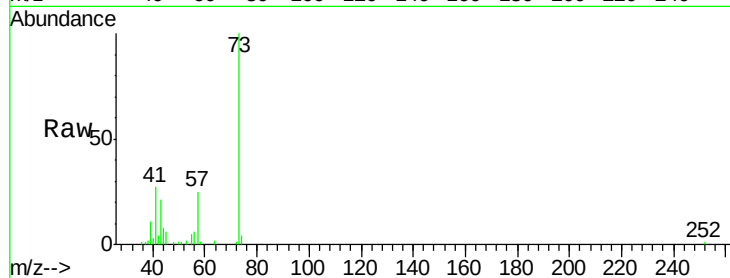
Tgt Ion: 73 Resp: 39815

Ion Ratio Lower Upper

73 100

43 22.2 16.6 25.0

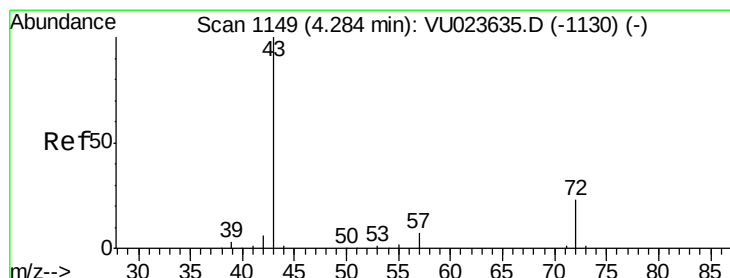
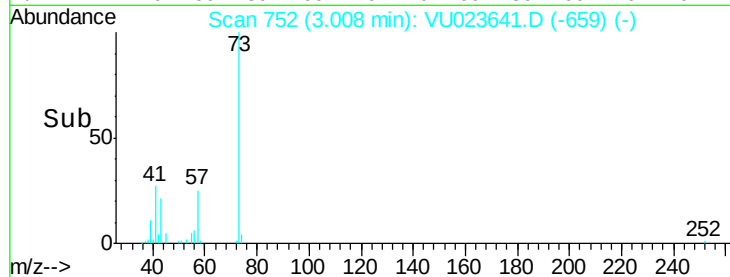
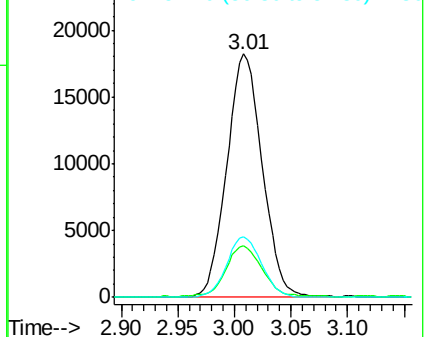
57 24.4 19.4 29.0



Abundance Ion 73.10 (72.80 to 73.80): VU023641.D (-659) (-)

Ion 43.05 (42.75 to 43.75): VU023641.D (-659) (-)

Ion 57.10 (56.80 to 57.80): VU023641.D (-659) (-)



#21

2-Butanone

Concen: 0.48 ug/L

RT: 4.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VU023641.D

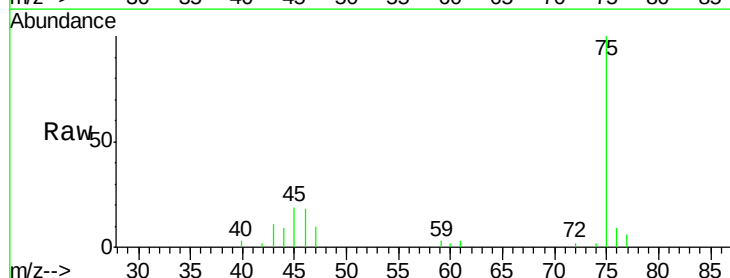
Acq: 04 May 2018 20:10

Tgt Ion: 43 Resp: 1581

Ion Ratio Lower Upper

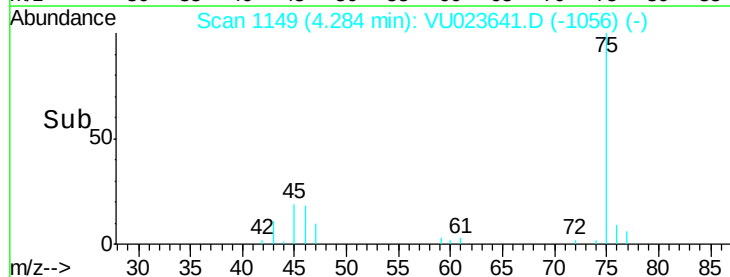
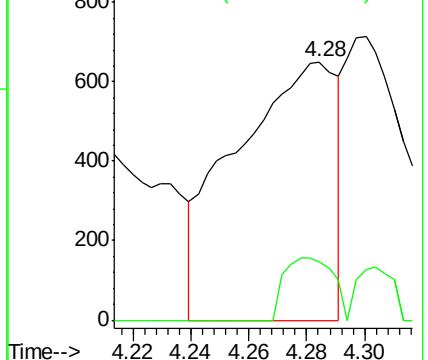
43 100

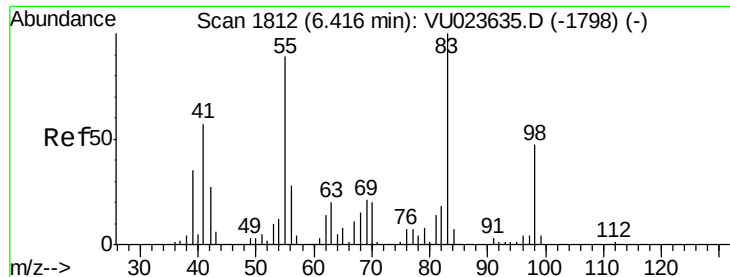
72 11.5 12.3 36.8#



Abundance Ion 43.05 (42.75 to 43.75): VU023641.D (-1056) (-)

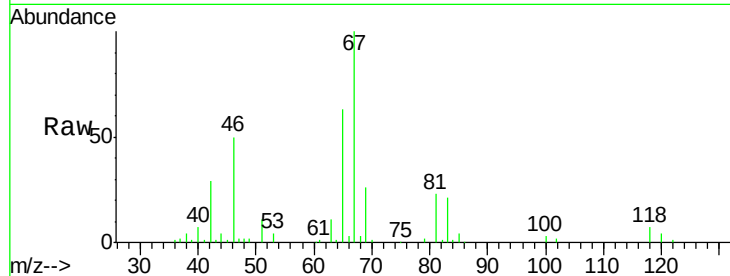
Ion 72.10 (71.80 to 72.80): VU023641.D (-1056) (-)



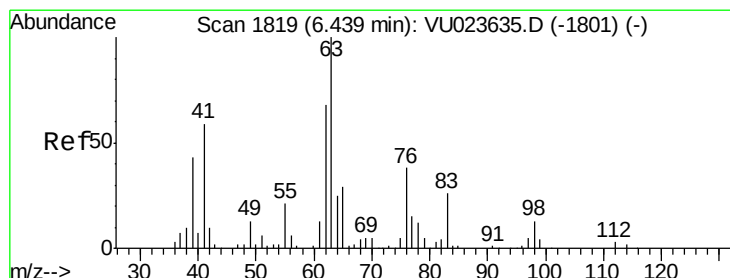
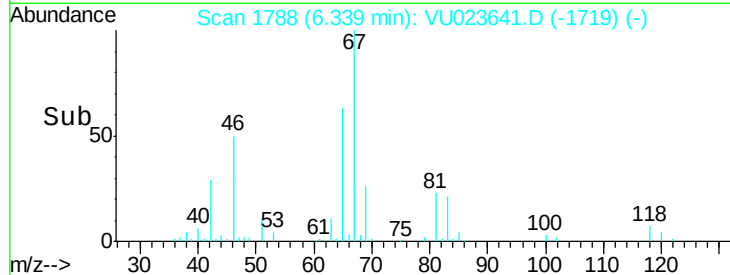
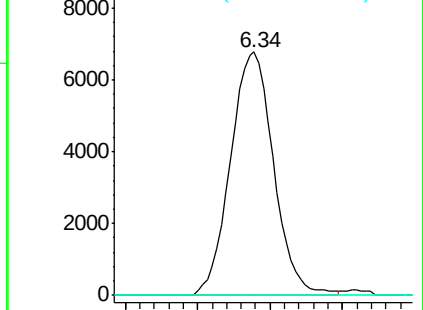


#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.34 min Scan# 1788
Delta R.T. -0.08 min
Lab File: VU023641.D
Acq: 04 May 2018 20:10

Tgt Ion: 83 Resp: 13989
Ion Ratio Lower Upper
83 100
55 0.0 68.4 102.6#
98 0.0 36.7 55.1#

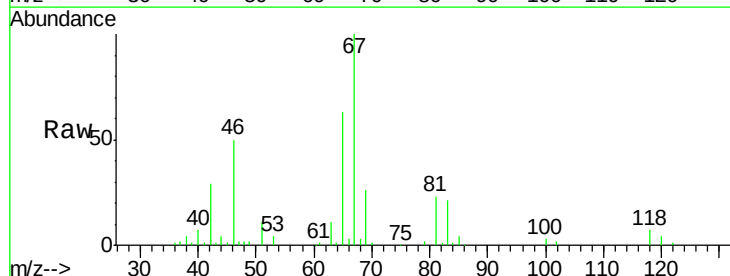


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

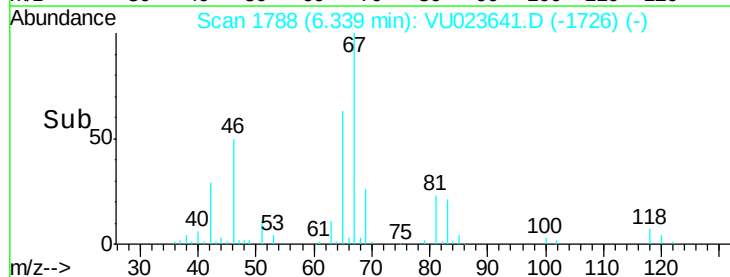
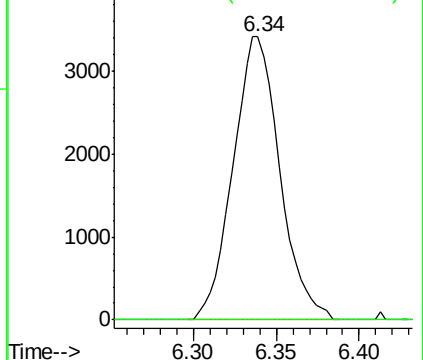


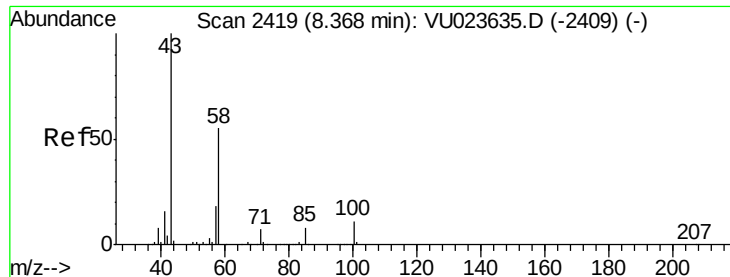
#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.34 min Scan# 1788
Delta R.T. -0.10 min
Lab File: VU023641.D
Acq: 04 May 2018 20:10

Tgt Ion: 63 Resp: 6689
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: 2.72 ug/L

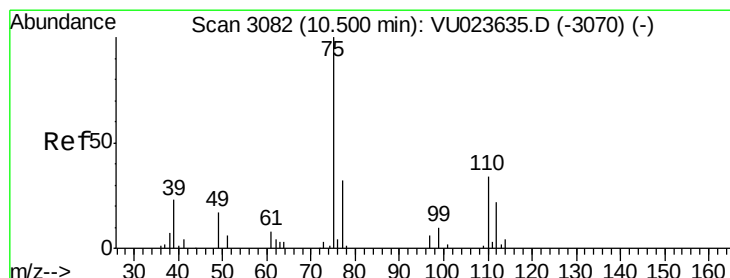
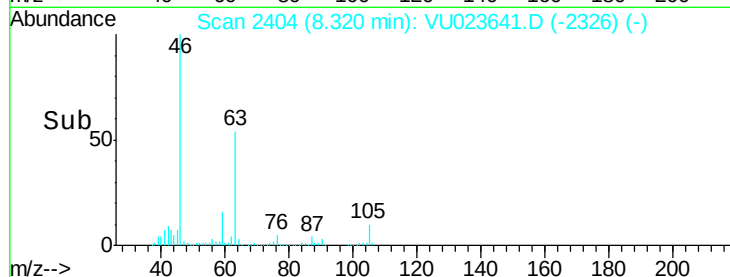
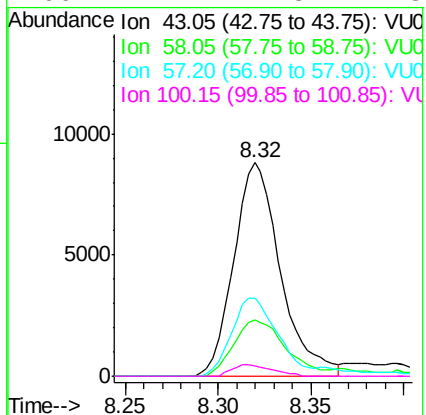
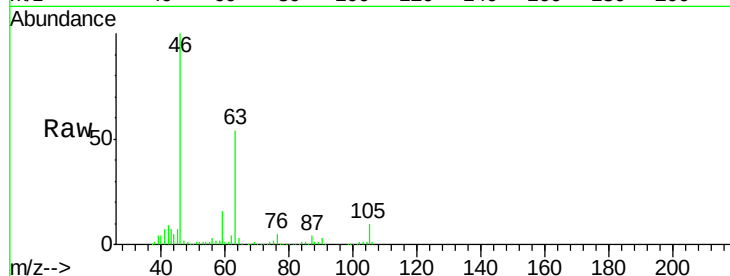
RT: 8.32 min Scan# 2404

Delta R.T. -0.05 min

Lab File: VU023641.D

Acq: 04 May 2018 20:10

Tgt Ion:	43	Resp:	15461
Ion	Ratio	Lower	Upper
43	100		
58	29.0	42.1	63.1#
57	36.1	14.3	21.5#
100	4.7	7.8	11.8#



#59

1,2,3-Trichloropropane

Concen: 1.05 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU023641.D

Acq: 04 May 2018 20:10

Tgt Ion:	75	Resp:	7971
Ion	Ratio	Lower	Upper
75	100		
77	40.2	26.0	39.0#

