

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
 Data File : VU023649.D
 Acq On : 04 May 2018 23:36
 Operator : MD/SY
 Sample : J2630-12DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 05 01:21:23 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	140962	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143580	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63809	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48795	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.68	69	40179	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.27	63	68713	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.20	46	158870	53.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.42%
24) Chloroform-d	4.65	84	96417	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.32	65	52770	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.34	84	187098	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.34	67	64414	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.57	98	152428	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.86	79	18834	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.32	63	121141	51.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.30%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	51982	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	62955	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

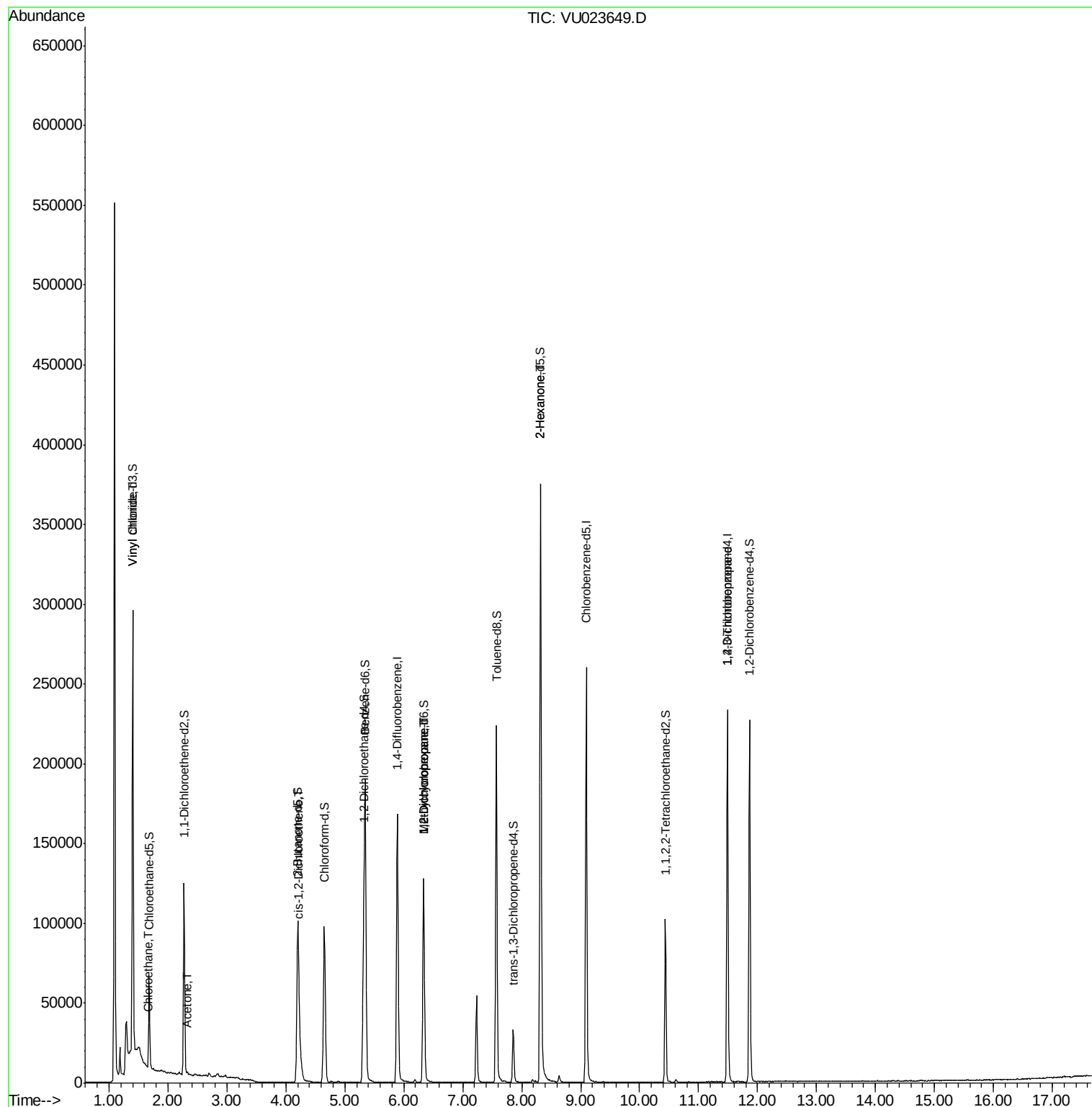
Target Compounds

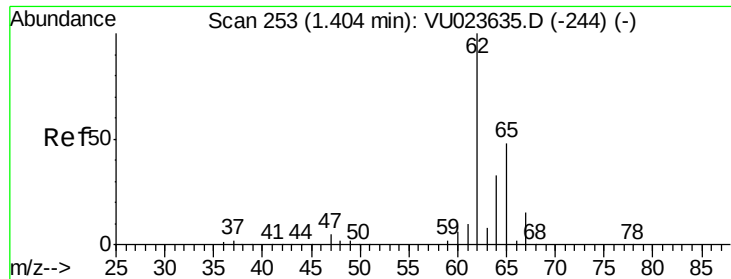
						Qvalue
5) Vinyl chloride	1.40	62	131122	9.95	ug/L	96
8) Chloroethane	1.65	64	1633	0.20	ug/L	# 54
13) Acetone	2.33	43	1108	0.66	ug/L	87
22) cis-1,2-Dichloroethene	4.23	96	6942	0.64	ug/L	95
35) Methylcyclohexane	6.34	83	14423	0.84	ug/L	# 15
37) 1,2-Dichloropropane	6.34	63	6642	0.55	ug/L	# 89
48) 2-Hexanone	8.32	43	15469	2.91	ug/L	# 66
59) 1,2,3-Trichloropropane	11.49	75	7345	1.04	ug/L	89

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

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#5

Vinyl chloride

Concen: 9.95 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU023649.D

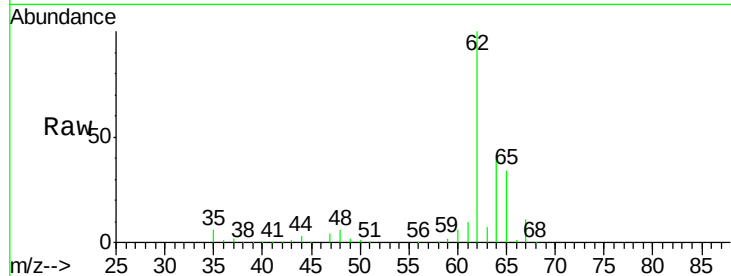
Acq: 04 May 2018 23:36

Tgt Ion: 62 Resp: 131122

Ion Ratio Lower Upper

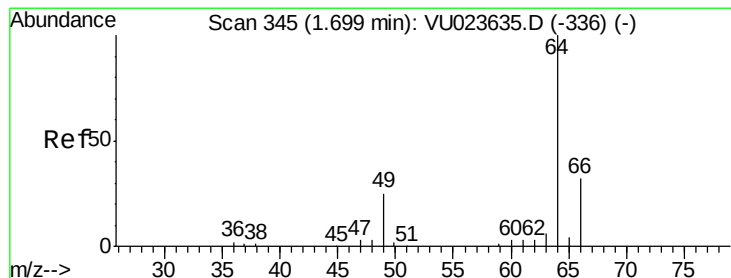
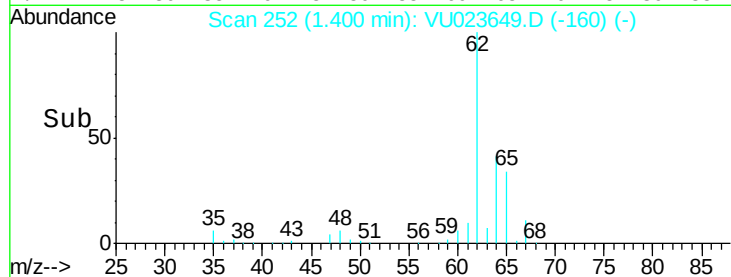
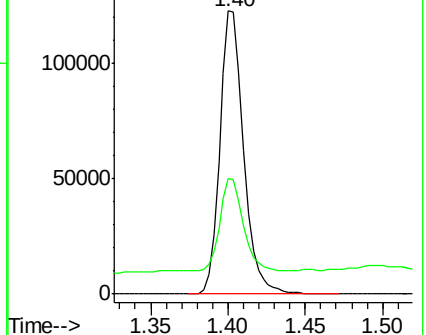
62 100

64 40.7 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#8

Chloroethane

Concen: 0.20 ug/L

RT: 1.65 min Scan# 331

Delta R.T. -0.05 min

Lab File: VU023649.D

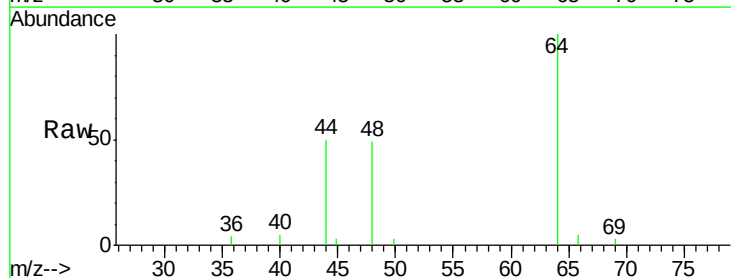
Acq: 04 May 2018 23:36

Tgt Ion: 64 Resp: 1633

Ion Ratio Lower Upper

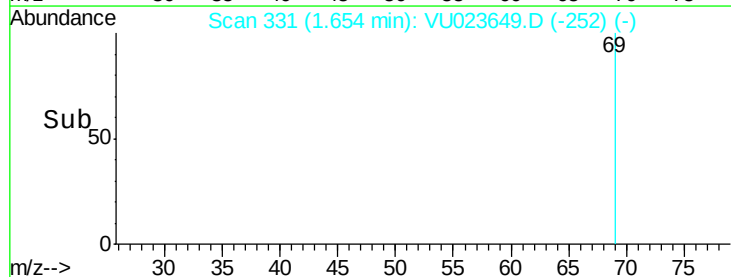
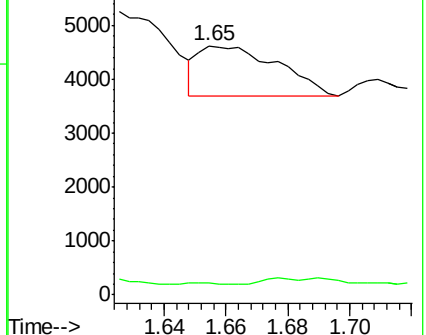
64 100

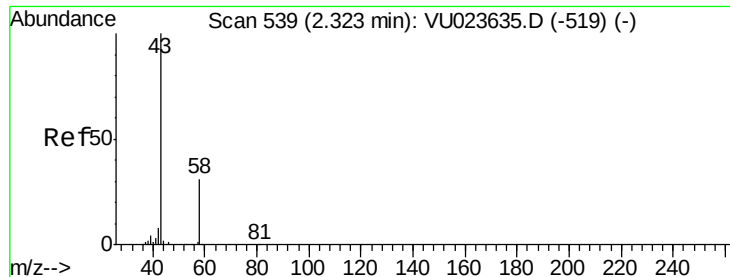
66 4.7 20.6 38.2#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 0.66 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023649.D

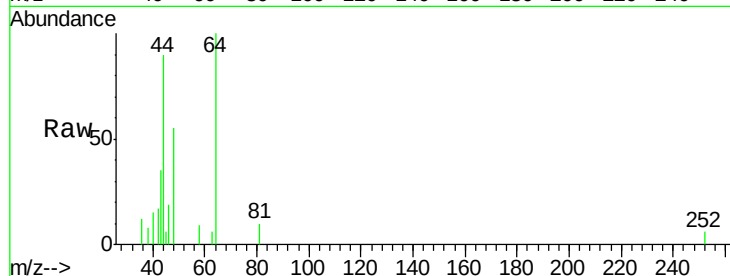
Acq: 04 May 2018 23:36

Tgt Ion: 43 Resp: 1108

Ion Ratio Lower Upper

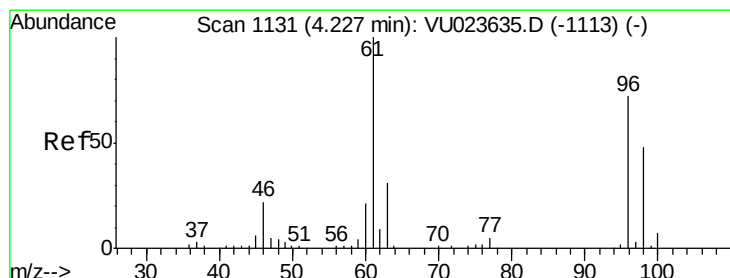
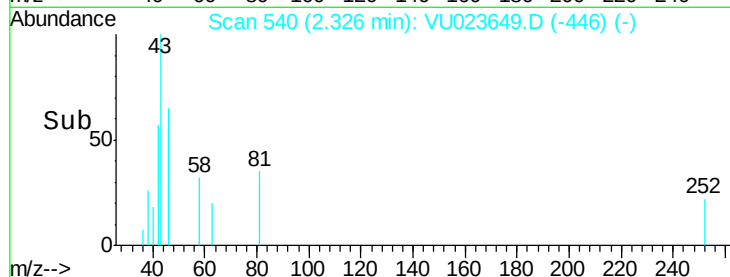
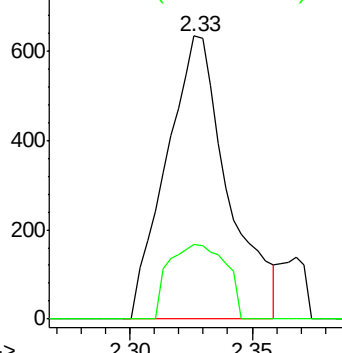
43 100

58 24.5 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: 0.64 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU023649.D

Acq: 04 May 2018 23:36

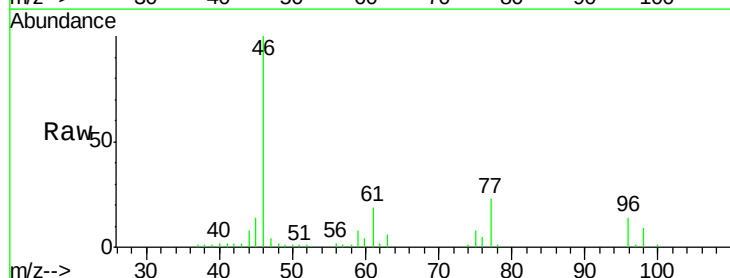
Tgt Ion: 96 Resp: 6942

Ion Ratio Lower Upper

96 100

61 129.5 94.6 175.6

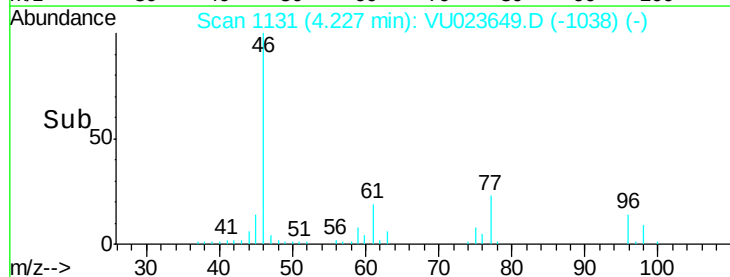
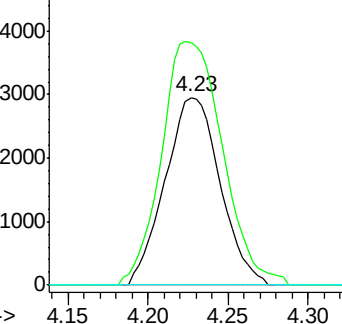
68 0.0 0.0 0.0

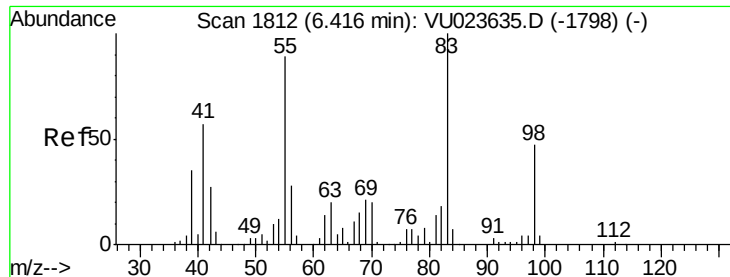


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

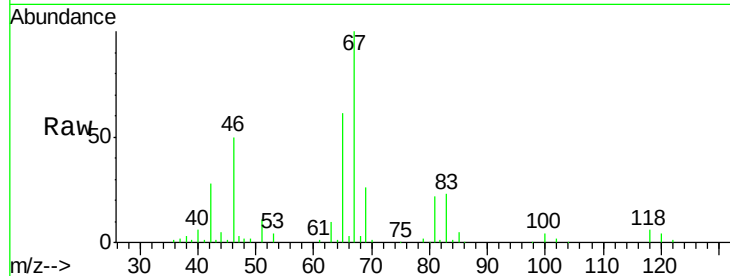
Ion 68.15 (67.85 to 68.85): VU0



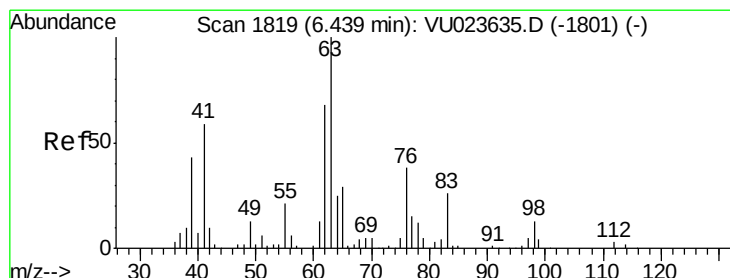
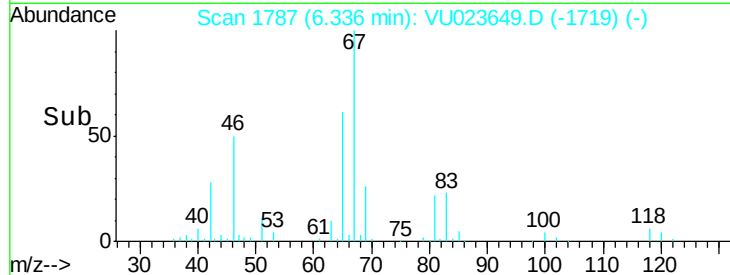
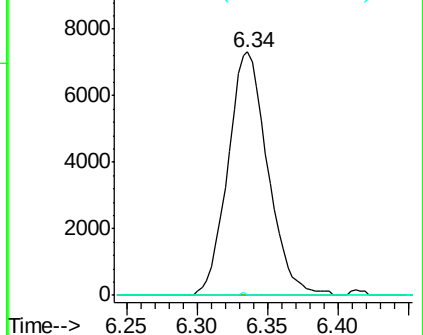


#35
Methylcyclohexane
Concen: 0.84 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU023649.D
Acq: 04 May 2018 23:36

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.4	102.6#
98	0.1	36.7	55.1#

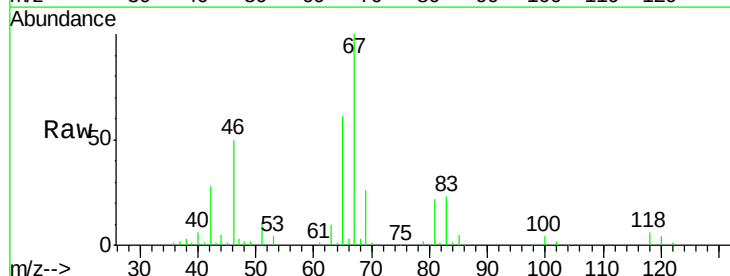


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

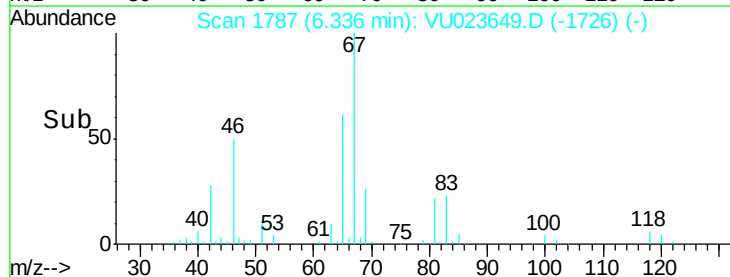
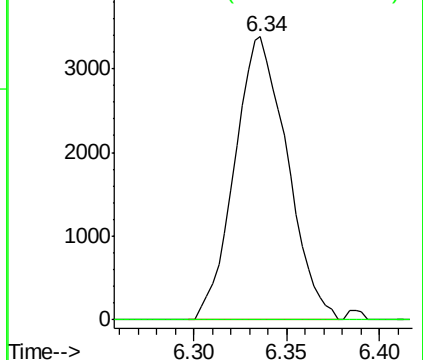


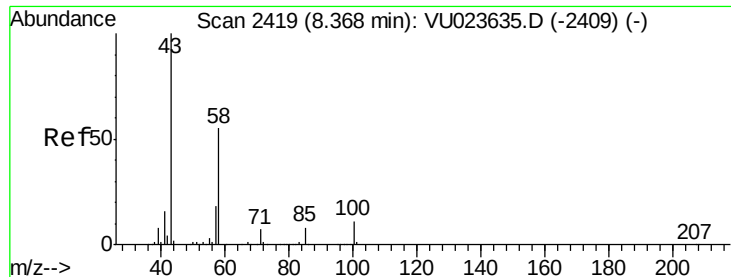
#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU023649.D
Acq: 04 May 2018 23:36

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



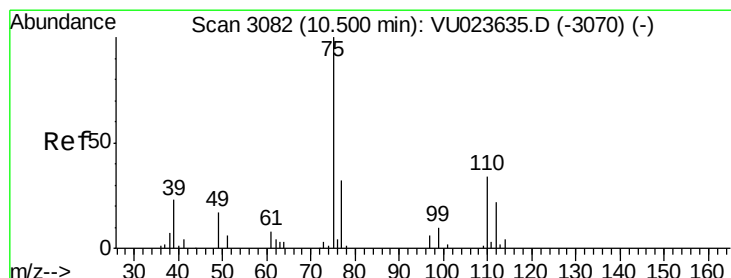
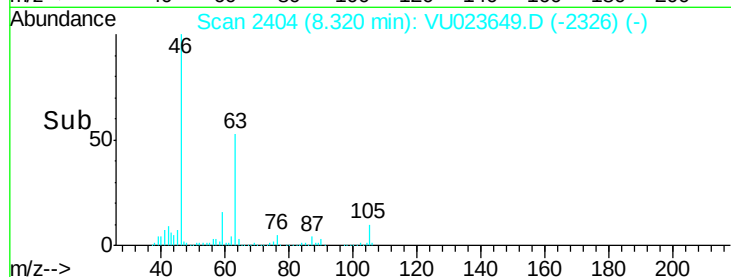
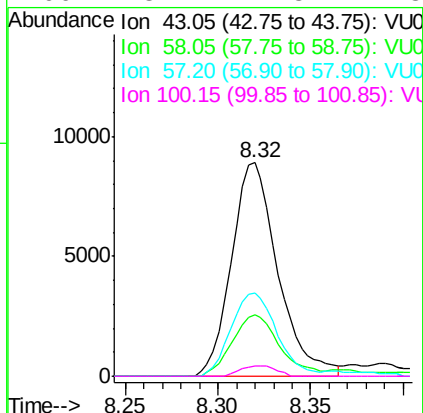
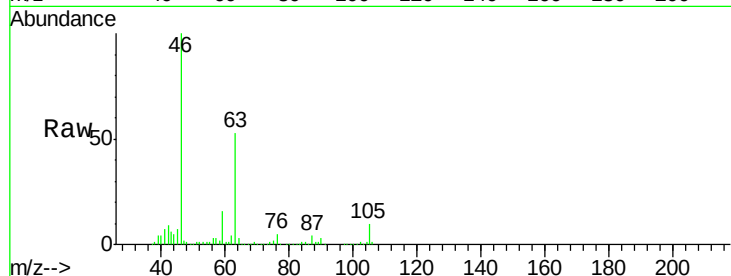
Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 2.91 ug/L
 RT: 8.32 min Scan# 2404
 Delta R.T. -0.05 min
 Lab File: VU023649.D
 Acq: 04 May 2018 23:36

Tgt Ion:	43	Resp:	15469
Ion	Ratio	Lower	Upper
43	100		
58	29.6	42.1	63.1#
57	38.4	14.3	21.5#
100	3.7	7.8	11.8#



#59
 1,2,3-Trichloropropane
 Concen: 1.04 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU023649.D
 Acq: 04 May 2018 23:36

Tgt Ion:	75	Resp:	7345
Ion	Ratio	Lower	Upper
75	100		
77	38.6	26.0	39.0

