

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU051118\
 Data File : VU023802.D
 Acq On : 11 May 2018 15:44
 Operator : MD/SY
 Sample : J2745-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 02:10:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR051018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 12 02:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	123345	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	56410	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54816	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.68	69	44226	6.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.80%
11) 1,1-Dichloroethene-d2	2.27	63	77937	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.20	46	115364	50.34	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.68%
24) Chloroform-d	4.65	84	80127	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.32	65	45160	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.35	84	170654	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.34	67	56618	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.57	98	139762	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.86	79	17586	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.32	63	84319	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	42220	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	56193	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

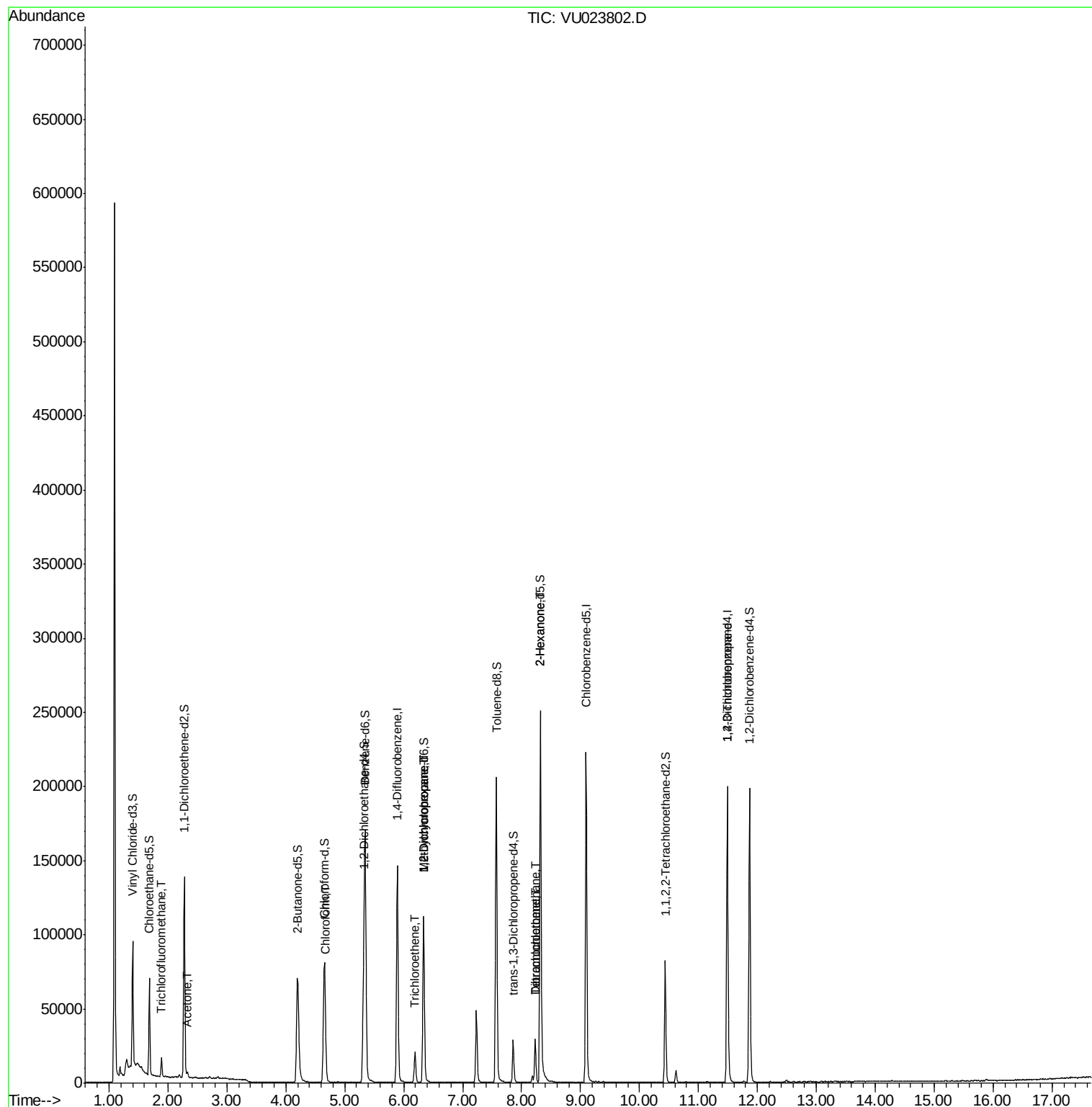
Target Compounds

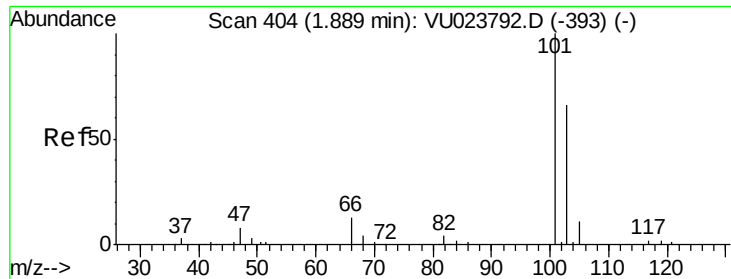
						Qvalue
9) Trichlorofluoromethane	1.89	101	6564	0.46	ug/L	97
13) Acetone	2.33	43	2991	1.90	ug/L	88
25) Chloroform	4.68	83	5434	0.30	ug/L	92
34) Trichloroethene	6.19	95	7338	0.71	ug/L	97
35) Methylcyclohexane	6.34	83	12939	0.85	ug/L #	16
37) 1,2-Dichloropropane	6.34	63	5995	0.54	ug/L #	89
47) Tetrachloroethene	8.23	164	7143	0.84	ug/L	96
48) 2-Hexanone	8.32	43	11232	2.60	ug/L #	70
49) Dibromochloromethane	8.23	129	6577	0.81	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	6566	1.07	ug/L	95

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

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#9

Trichlorofluoromethane

Concen: 0.46 ug/L

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU023802.D

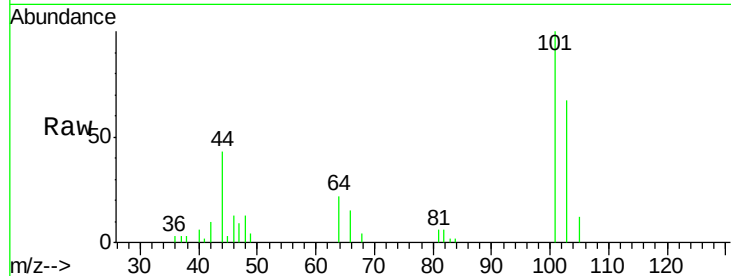
Acq: 11 May 2018 15:44

Tgt Ion: 101 Resp: 6564

Ion Ratio Lower Upper

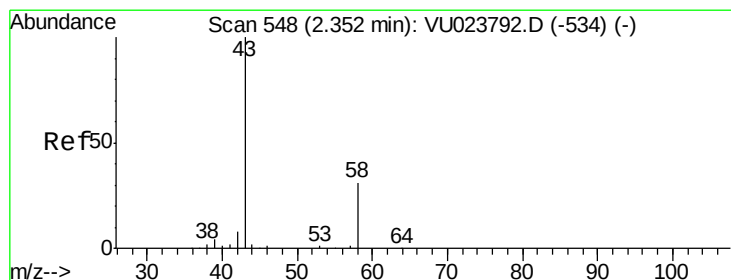
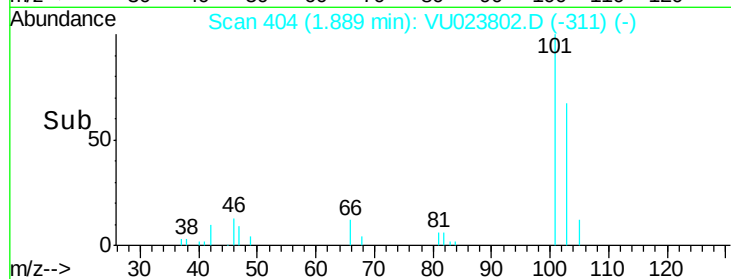
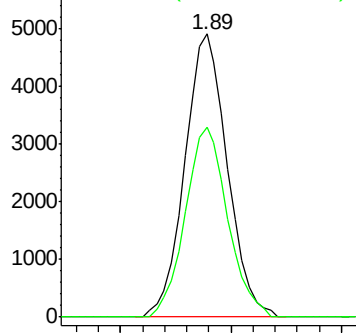
101 100

103 67.2 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.90 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.03 min

Lab File: VU023802.D

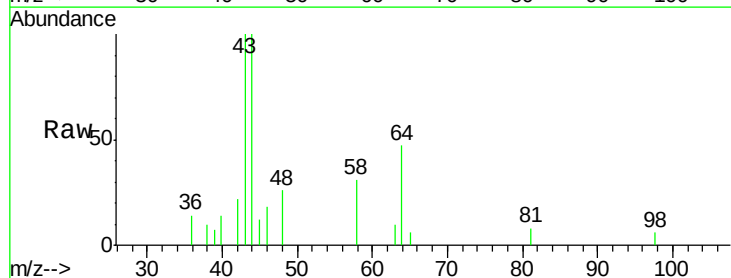
Acq: 11 May 2018 15:44

Tgt Ion: 43 Resp: 2991

Ion Ratio Lower Upper

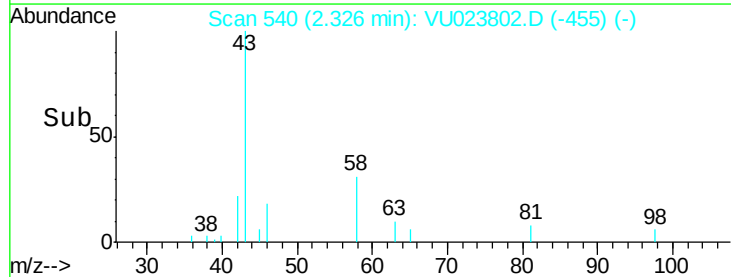
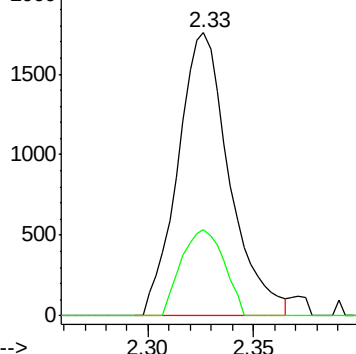
43 100

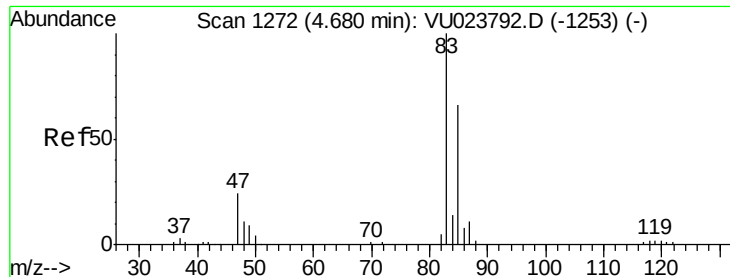
58 25.3 0.0 64.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

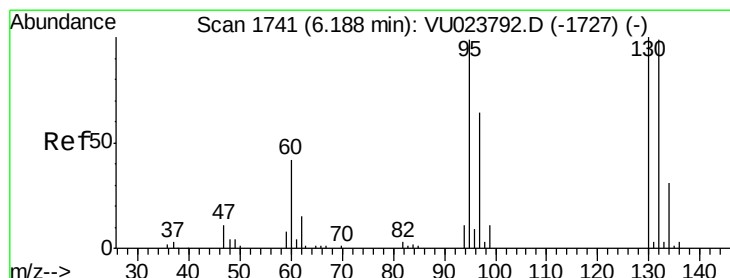
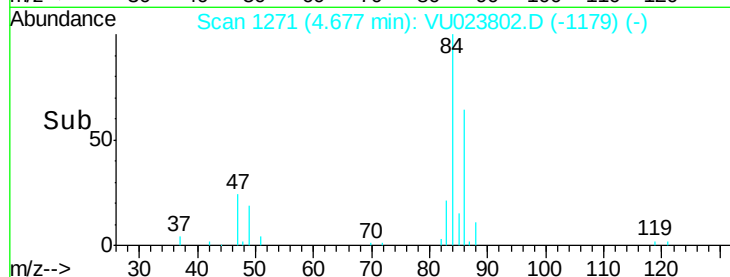
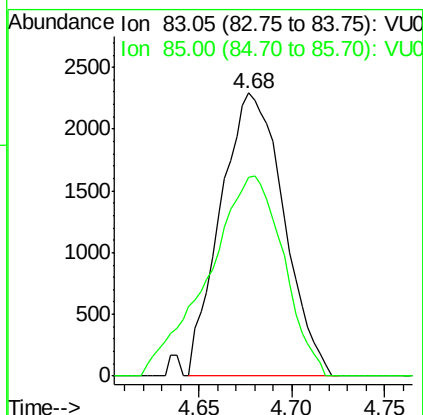
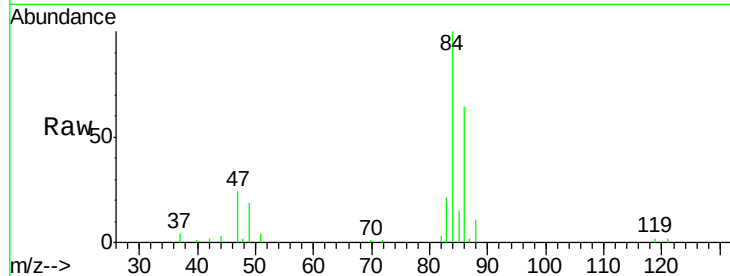
Ion 58.05 (57.75 to 58.75): VU0





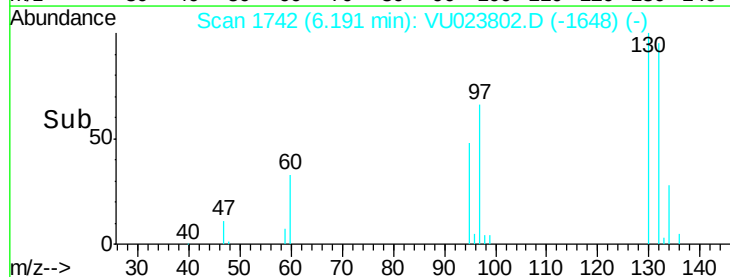
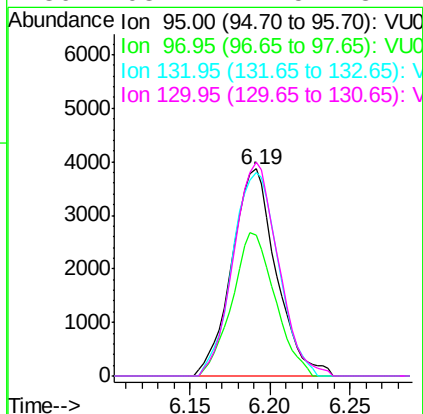
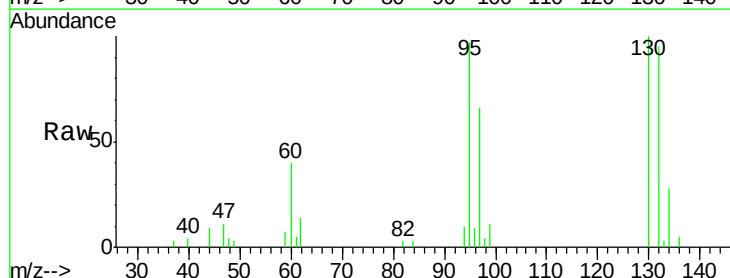
#25
Chloroform
Concen: 0.30 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023802.D
Acq: 11 May 2018 15:44

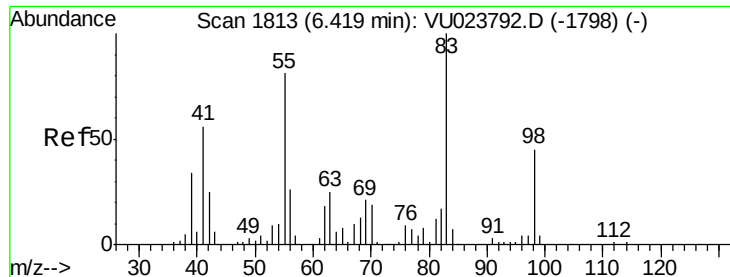
Tgt Ion: 83 Resp: 5434
Ion Ratio Lower Upper
83 100
85 70.4 44.7 82.9



#34
Trichloroethene
Concen: 0.71 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU023802.D
Acq: 11 May 2018 15:44

Tgt Ion: 95 Resp: 7338
Ion Ratio Lower Upper
95 100
97 67.7 43.8 81.3
132 98.1 66.8 124.2
130 103.1 71.5 132.7





#35

Methylcyclohexane

Concen: 0.85 ug/L

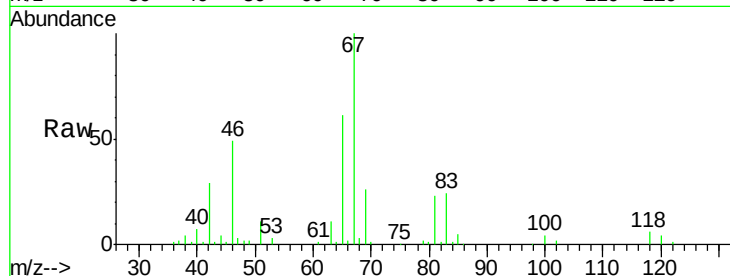
RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023802.D

Acq: 11 May 2018 15:44

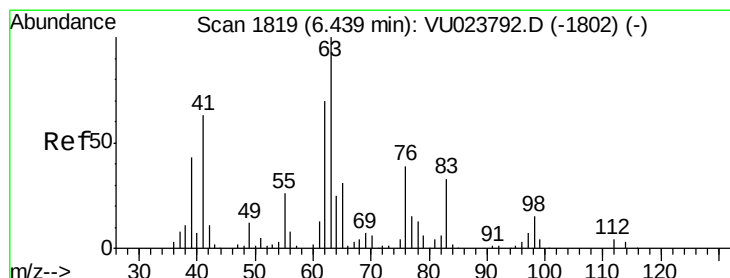
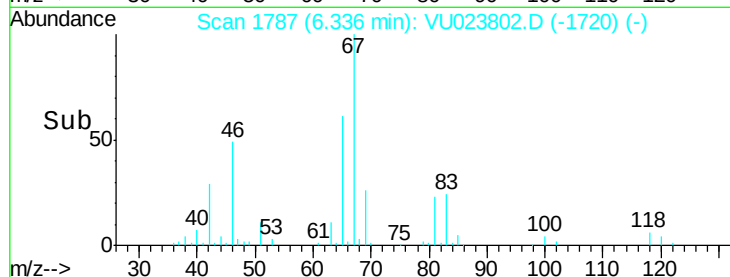
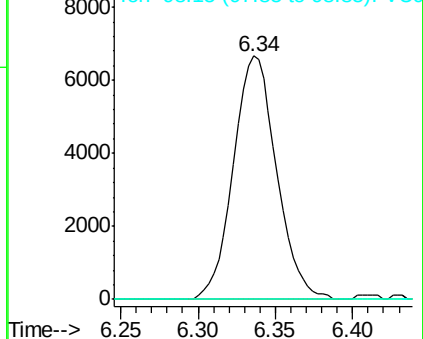
Tgt Ion:	83	Resp:	12939
Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.1	103.7#
98	3.2	37.8	56.8#



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

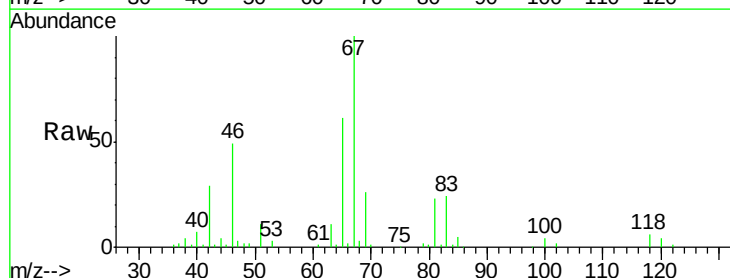
RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU023802.D

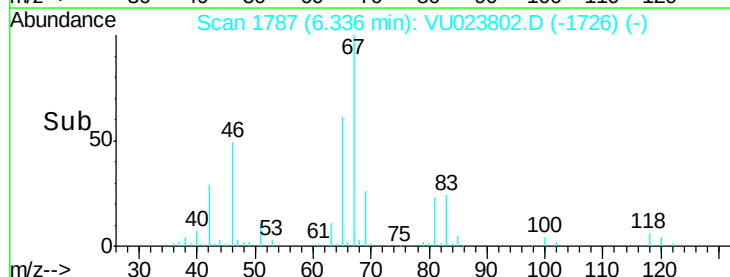
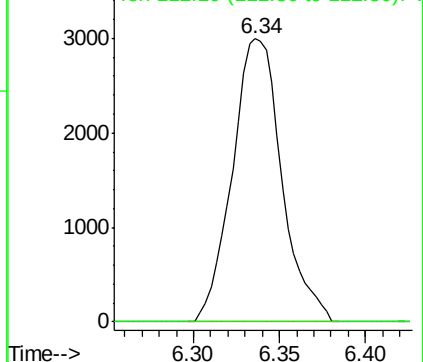
Acq: 11 May 2018 15:44

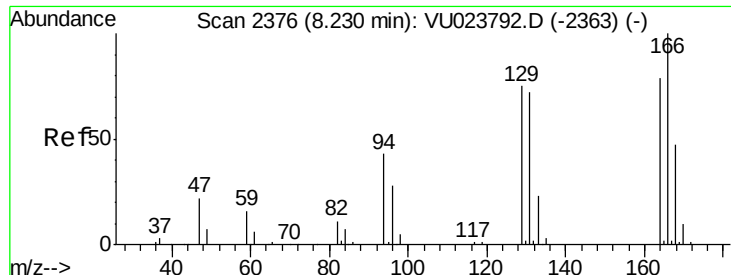
Tgt Ion:	63	Resp:	5995
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 0.84 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU023802.D

Acq: 11 May 2018 15:44

Tgt Ion: 164 Resp: 7143

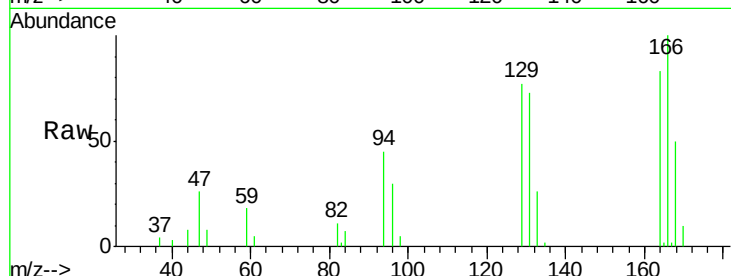
Ion Ratio Lower Upper

164 100

129 92.5 66.4 123.2

131 87.5 61.9 115.1

166 120.7 90.5 168.1

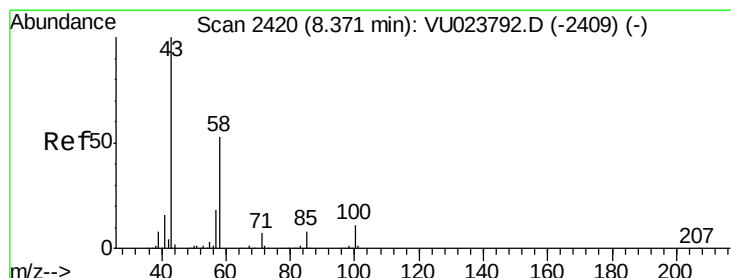
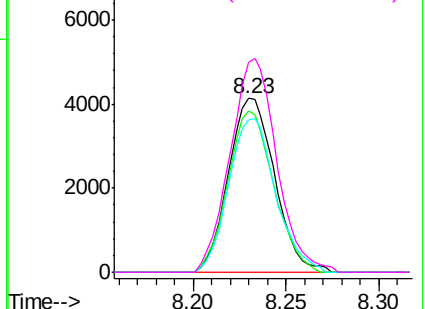
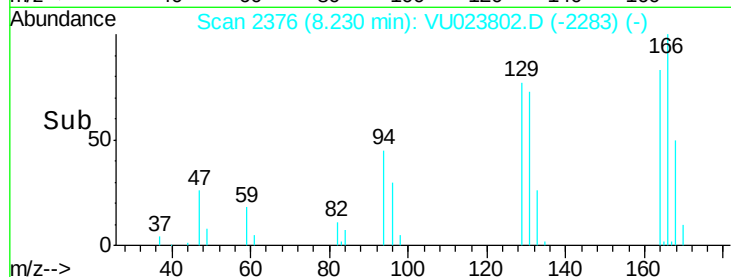


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.60 ug/L

RT: 8.32 min Scan# 2404

Delta R.T. -0.05 min

Lab File: VU023802.D

Acq: 11 May 2018 15:44

Tgt Ion: 43 Resp: 11232

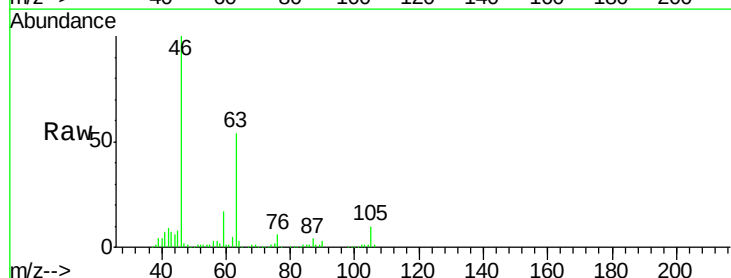
Ion Ratio Lower Upper

43 100

58 33.4 42.3 63.5#

57 38.0 14.7 22.1#

100 4.6 8.7 13.1#

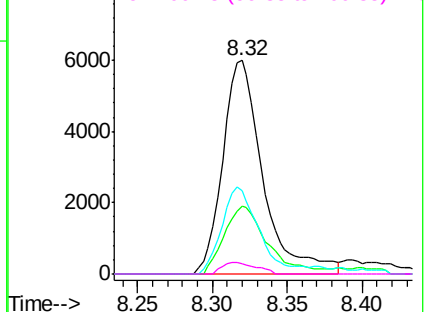
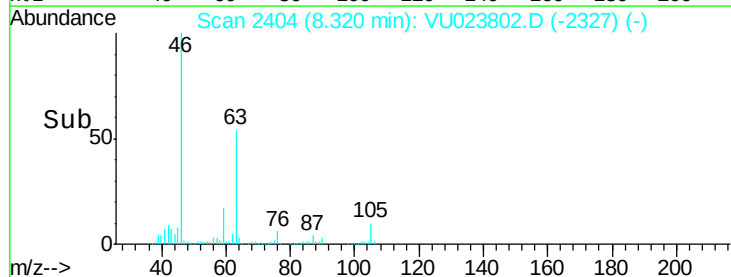


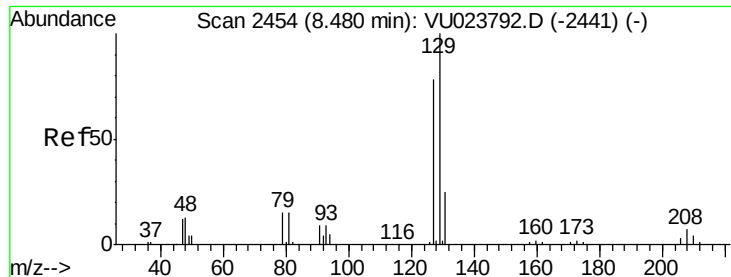
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.81 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU023802.D

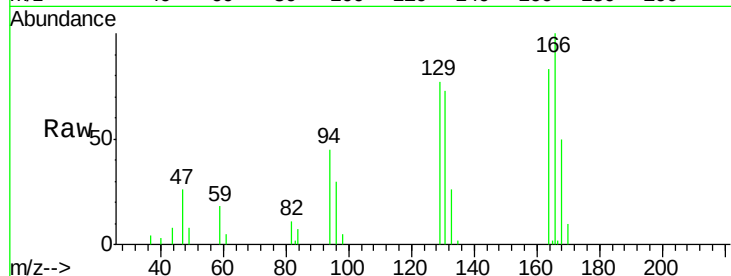
Acq: 11 May 2018 15:44

Tgt Ion:129 Resp: 6577

Ion Ratio Lower Upper

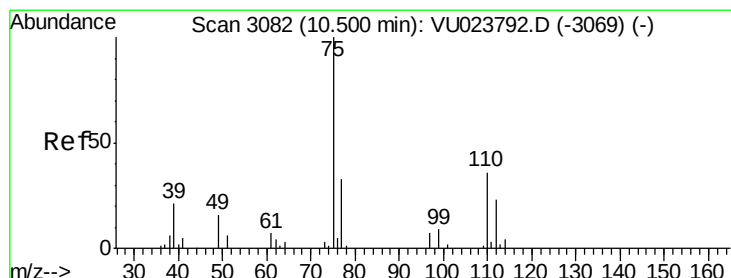
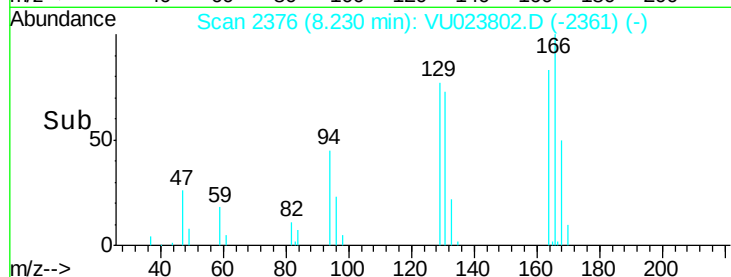
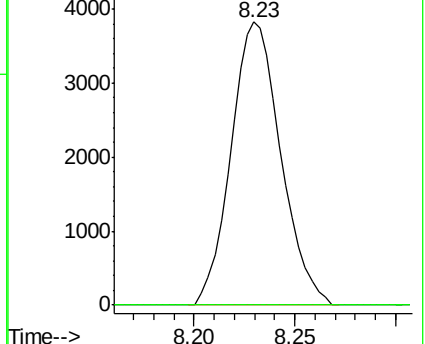
129 100

127 0.0 54.3 100.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.07 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023802.D

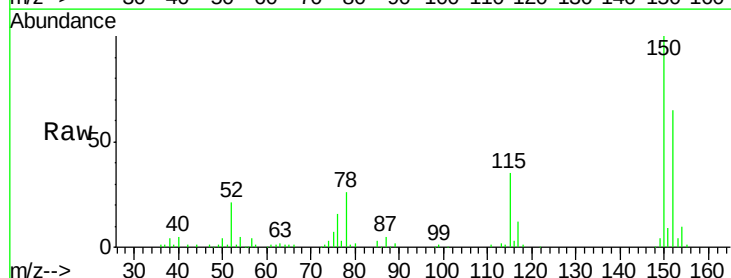
Acq: 11 May 2018 15:44

Tgt Ion: 75 Resp: 6566

Ion Ratio Lower Upper

75 100

77 35.7 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

