

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050518\
 Data File : VU023679.D
 Acq On : 05 May 2018 20:33
 Operator : MD/SY
 Sample : J2640-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 06 01:04:49 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	141169	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144060	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63541	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45268	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.68	69	39534	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.27	63	64890	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.20	46	160293	54.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.22%
24) Chloroform-d	4.65	84	92022	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.32	65	52208	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.34	84	184976	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.34	67	65099	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.57	98	151336	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.86	79	19460	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.32	63	125196	52.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.38%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	52317	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.87	152	64091	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

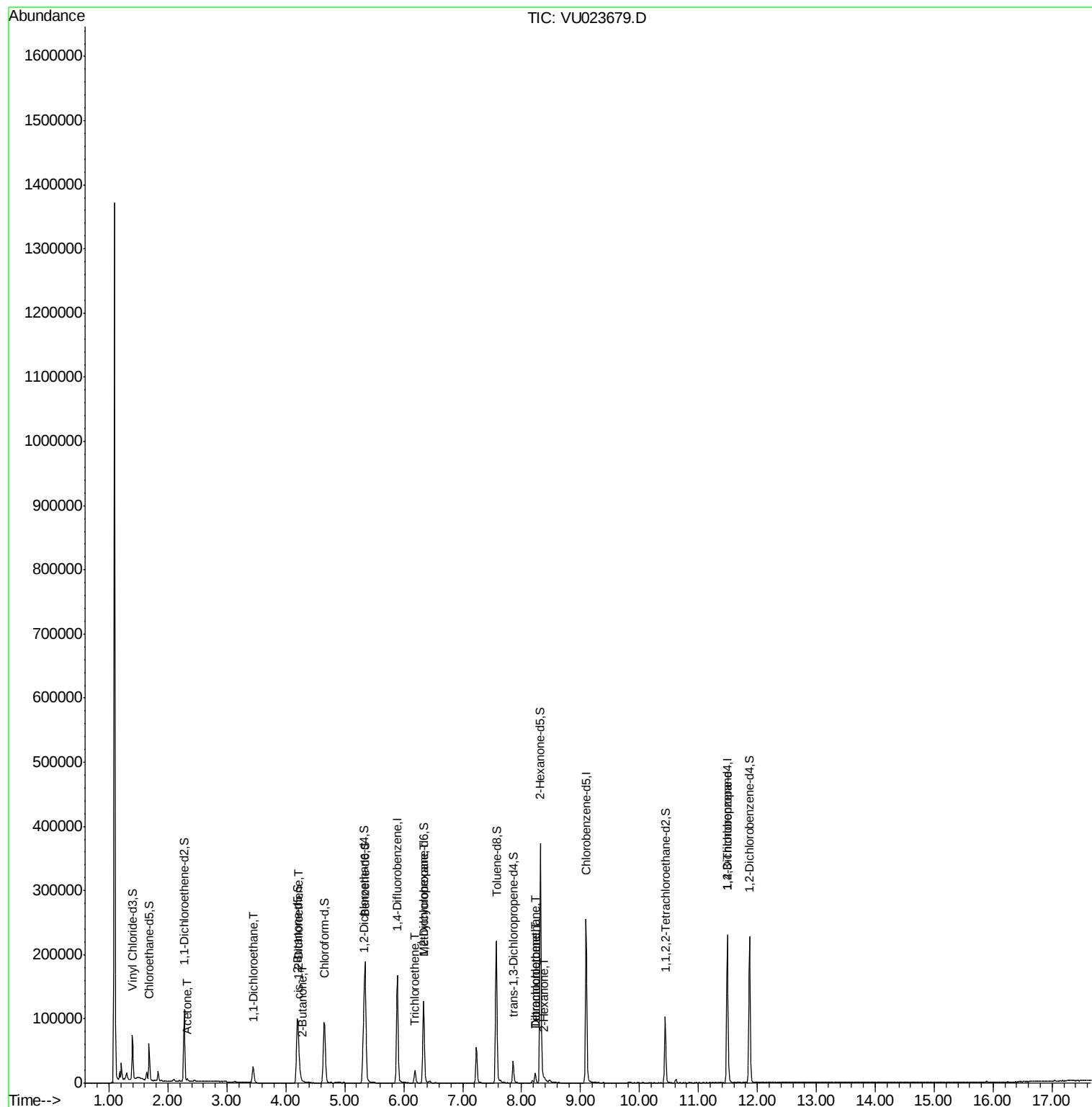
Target Compounds

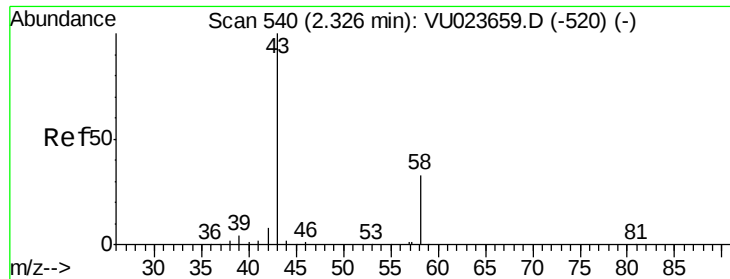
						Qvalue
13) Acetone	2.33	43	3014	1.78	ug/L	89
19) 1,1-Dichloroethane	3.45	63	27922	1.60	ug/L	97
21) 2-Butanone	4.29	43	1775	0.57	ug/L	86
22) cis-1,2-Dichloroethene	4.23	96	5568	0.51	ug/L	96
34) Trichloroethene	6.19	95	6889	0.61	ug/L	95
35) Methylcyclohexane	6.34	83	14554	0.85	ug/L #	15
47) Tetrachloroethene	8.23	164	3704	0.41	ug/L	92
48) 2-Hexanone	8.39	43	1888	0.35	ug/L #	84
49) Dibromochloromethane	8.23	129	3560	0.41	ug/L #	9
59) 1,2,3-Trichloropropane	11.49	75	7657	1.08	ug/L	94

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

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Response via : Initial Calibration





#13

Acetone

Concen: 1.78 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU023679.D

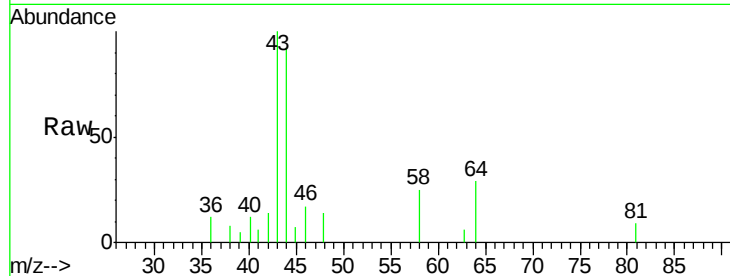
Acq: 05 May 2018 20:33

Tgt Ion: 43 Resp: 3014

Ion Ratio Lower Upper

43 100

58 25.9 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.33

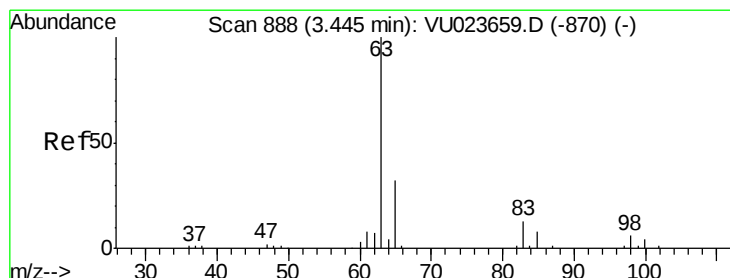
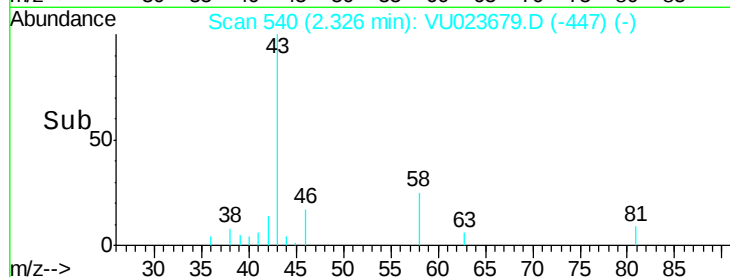
1500

1000

500

2.30 2.35 2.40

Time-->



#19

1,1-Dichloroethane

Concen: 1.60 ug/L

RT: 3.45 min Scan# 888

Delta R.T. -0.00 min

Lab File: VU023679.D

Acq: 05 May 2018 20:33

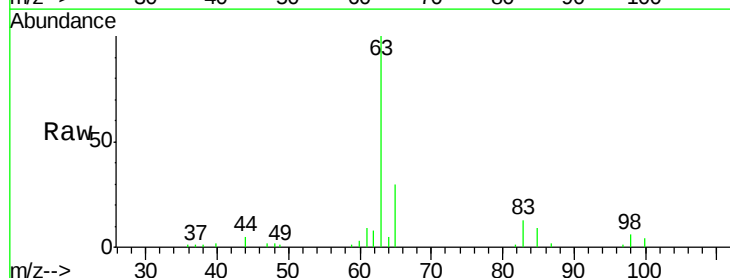
Tgt Ion: 63 Resp: 27922

Ion Ratio Lower Upper

63 100

65 29.5 22.0 41.0

83 13.2 8.8 16.4



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0

15000

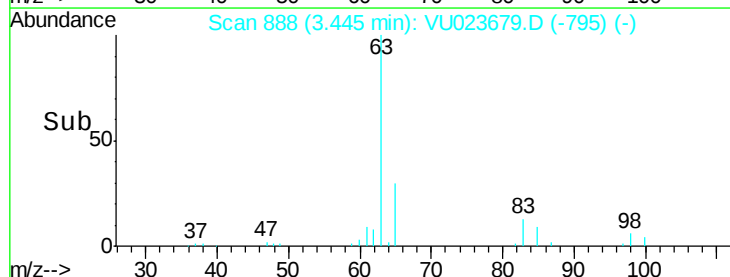
10000

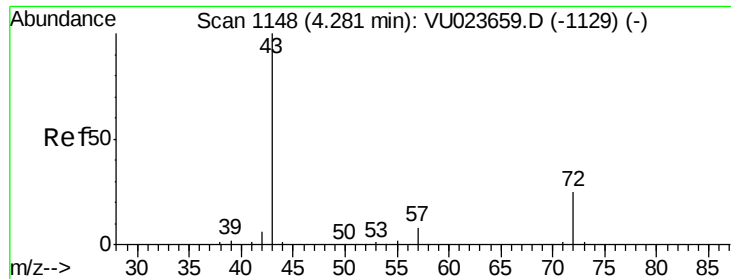
5000

3.45

3.35 3.40 3.45 3.50

Time-->





#21

2-Butanone

Concen: 0.57 ug/L

RT: 4.29 min Scan# 1152

Delta R.T. 0.01 min

Lab File: VU023679.D

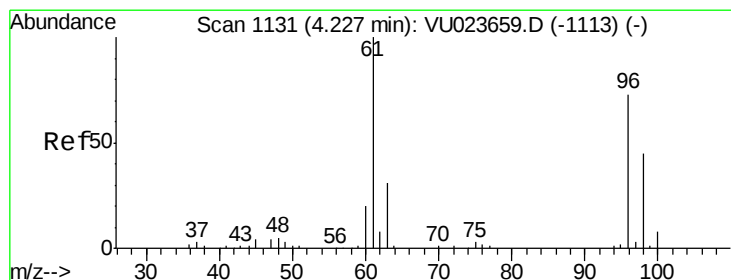
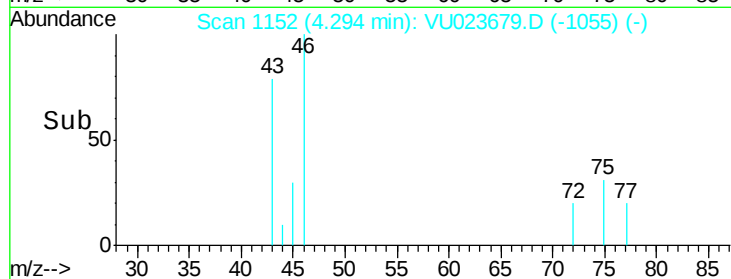
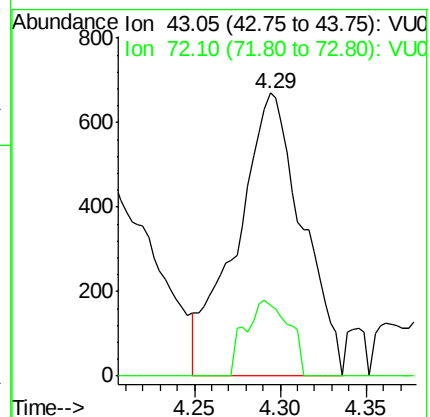
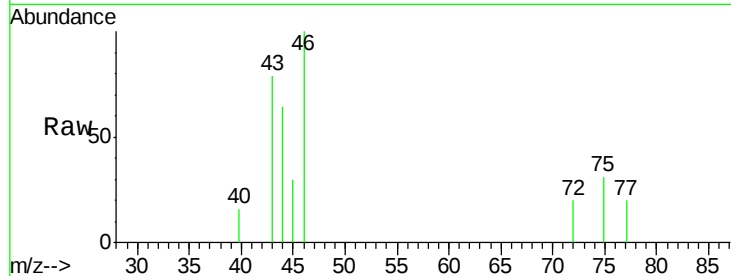
Acq: 05 May 2018 20:33

Tgt Ion: 43 Resp: 1775

Ion Ratio Lower Upper

43 100

72 17.7 12.3 36.8



#22

cis-1,2-Dichloroethene

Concen: 0.51 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023679.D

Acq: 05 May 2018 20:33

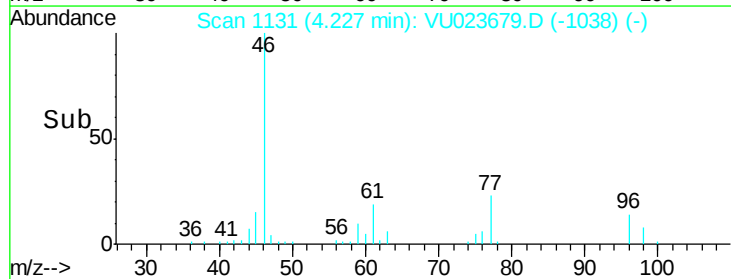
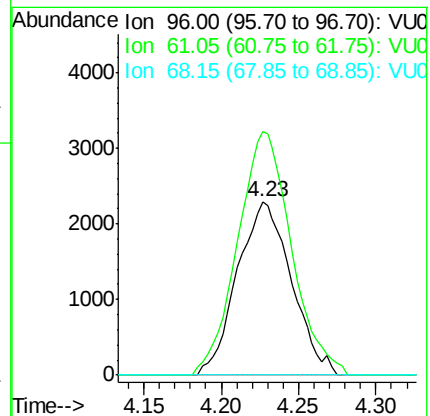
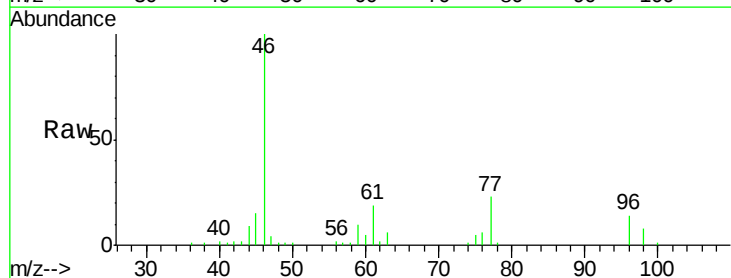
Tgt Ion: 96 Resp: 5568

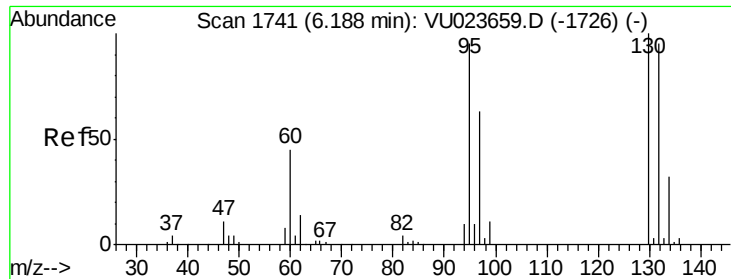
Ion Ratio Lower Upper

96 100

61 140.3 94.6 175.6

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.61 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023679.D

Acq: 05 May 2018 20:33

Tgt Ion: 95 Resp: 6889

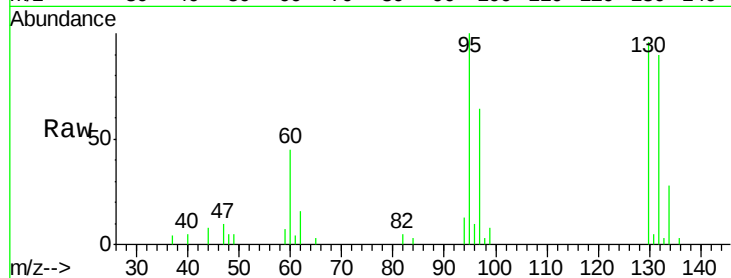
Ion Ratio Lower Upper

95 100

97 64.3 46.0 85.4

132 89.5 68.1 126.5

130 95.7 70.1 130.1

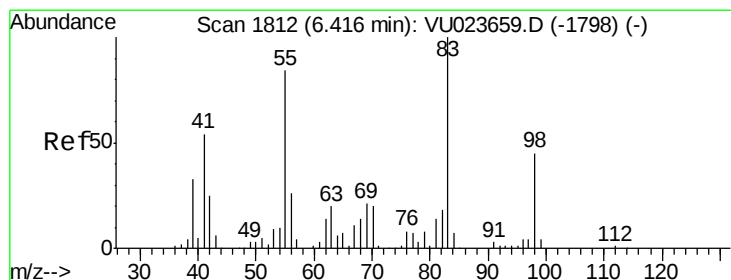
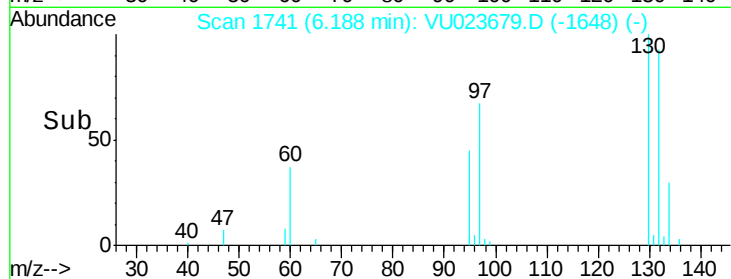
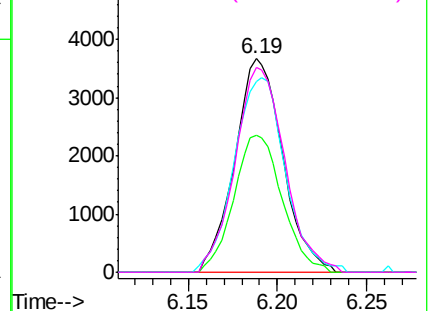


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.85 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023679.D

Acq: 05 May 2018 20:33

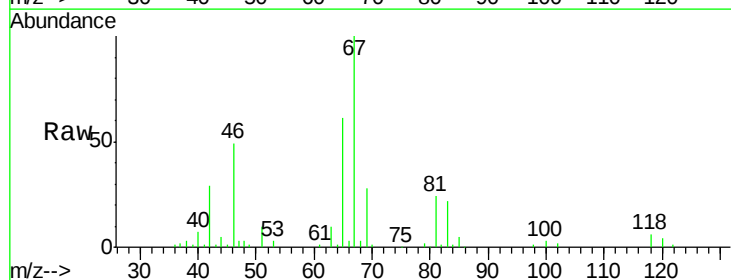
Tgt Ion: 83 Resp: 14554

Ion Ratio Lower Upper

83 100

55 0.0 68.4 102.6#

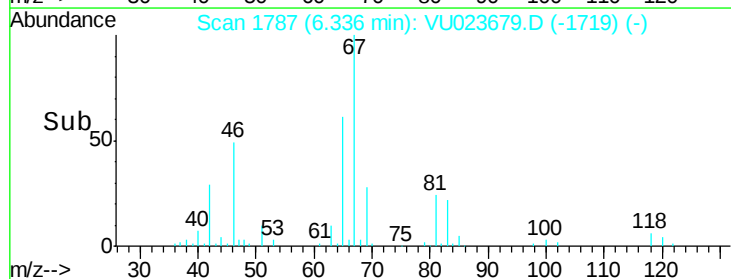
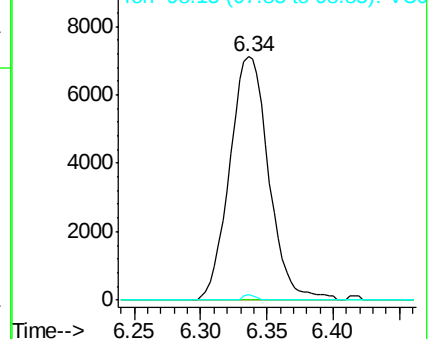
98 0.7 36.7 55.1#

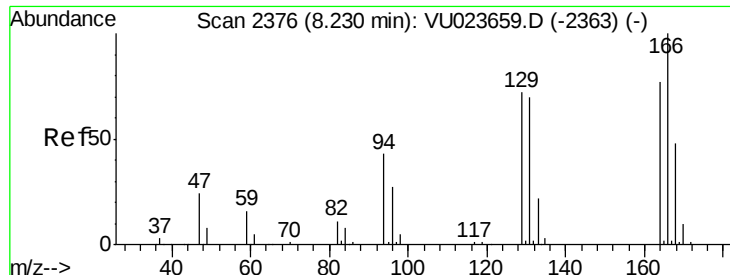


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#47

Tetrachloroethene

Concen: 0.41 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU023679.D

Acq: 05 May 2018 20:33

Tgt Ion: 164 Resp: 3704

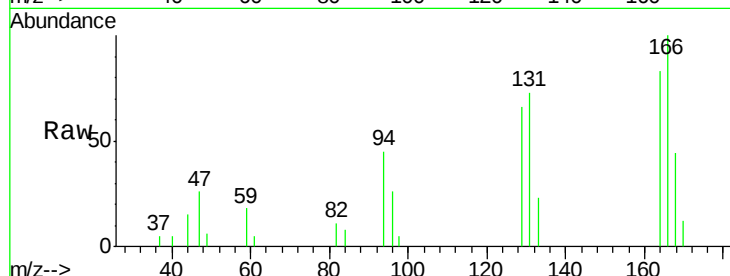
Ion Ratio Lower Upper

164 100

129 79.2 64.4 119.6

131 88.6 63.9 118.7

166 120.8 90.0 167.2

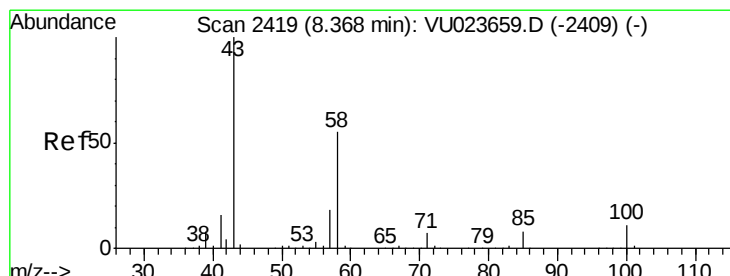
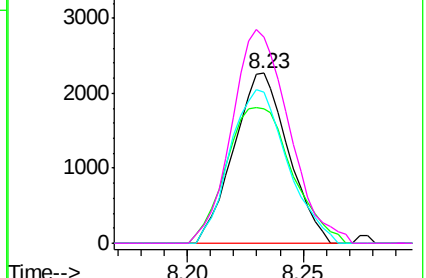
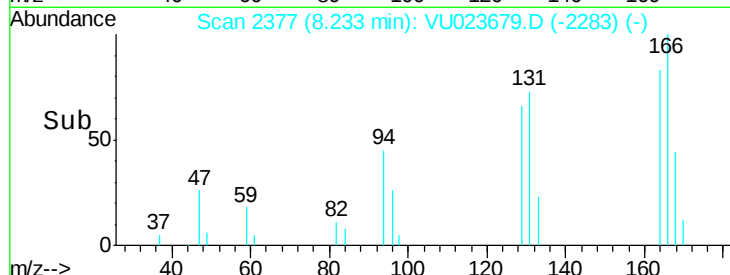


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.35 ug/L

RT: 8.39 min Scan# 2425

Delta R.T. 0.02 min

Lab File: VU023679.D

Acq: 05 May 2018 20:33

Tgt Ion: 43 Resp: 1888

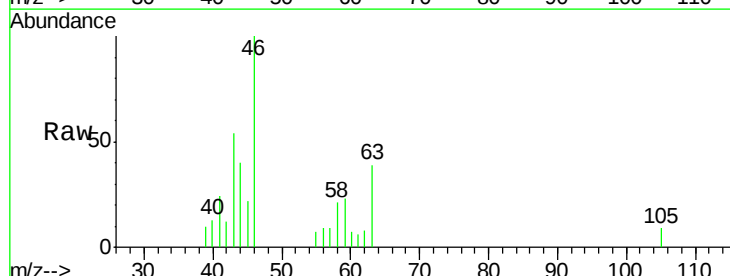
Ion Ratio Lower Upper

43 100

58 66.6 42.1 63.1#

57 17.1 14.3 21.5

100 3.3 7.8 11.8#

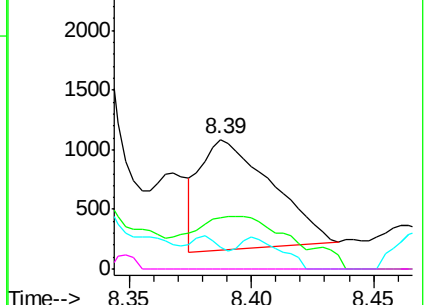
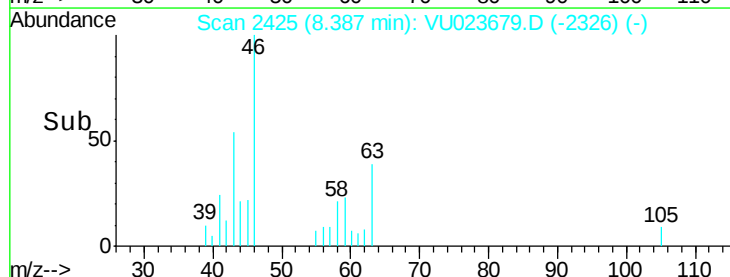


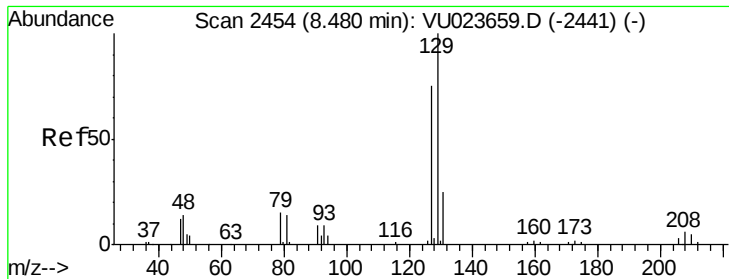
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.41 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU023679.D

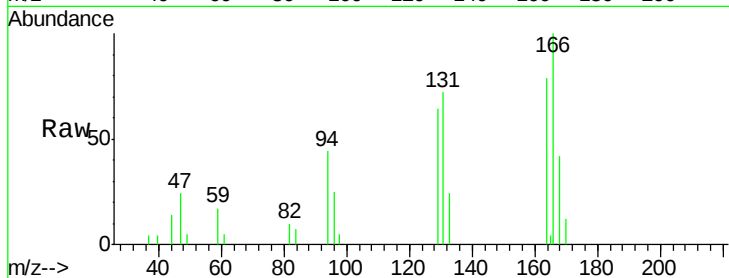
Acq: 05 May 2018 20:33

Tgt Ion: 129 Resp: 3560

Ion Ratio Lower Upper

129 100

127 0.0 56.9 105.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.23

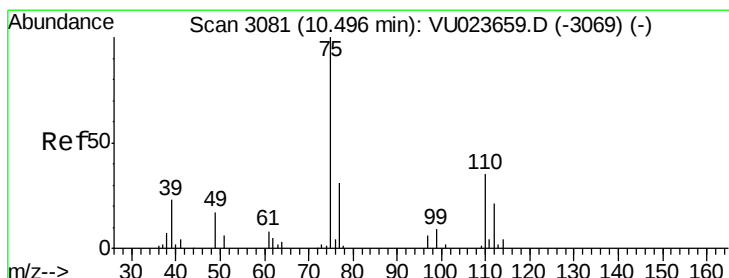
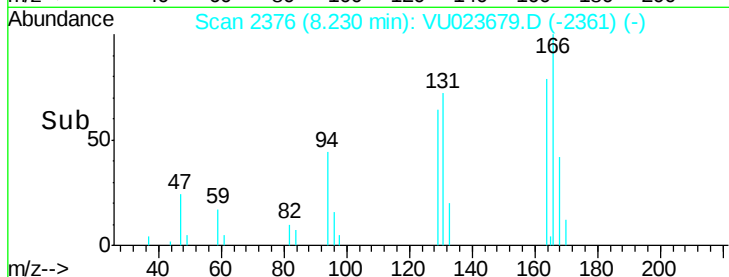
1500

1000

500

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.08 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU023679.D

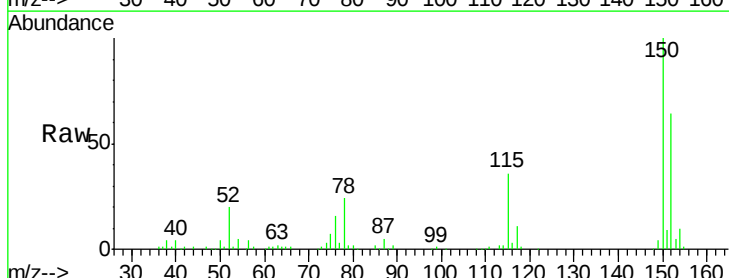
Acq: 05 May 2018 20:33

Tgt Ion: 75 Resp: 7657

Ion Ratio Lower Upper

75 100

77 35.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.49

5000

4000

3000

2000

1000

0

Time-->

