

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050518\
 Data File : VU023663.D
 Acq On : 05 May 2018 12:51
 Operator : MD/SY
 Sample : J2630-19DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 06 01:02:20 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	158462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	72066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47423	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	39607	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.27	63	67196	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.20	46	139133	41.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.68%
24) Chloroform-d	4.65	84	95129	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.31	65	50509	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.34	84	183821	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.34	67	64763	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.57	98	155018	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	7.85	79	19594	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.32	63	103930	39.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.94%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	46949	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	63108	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

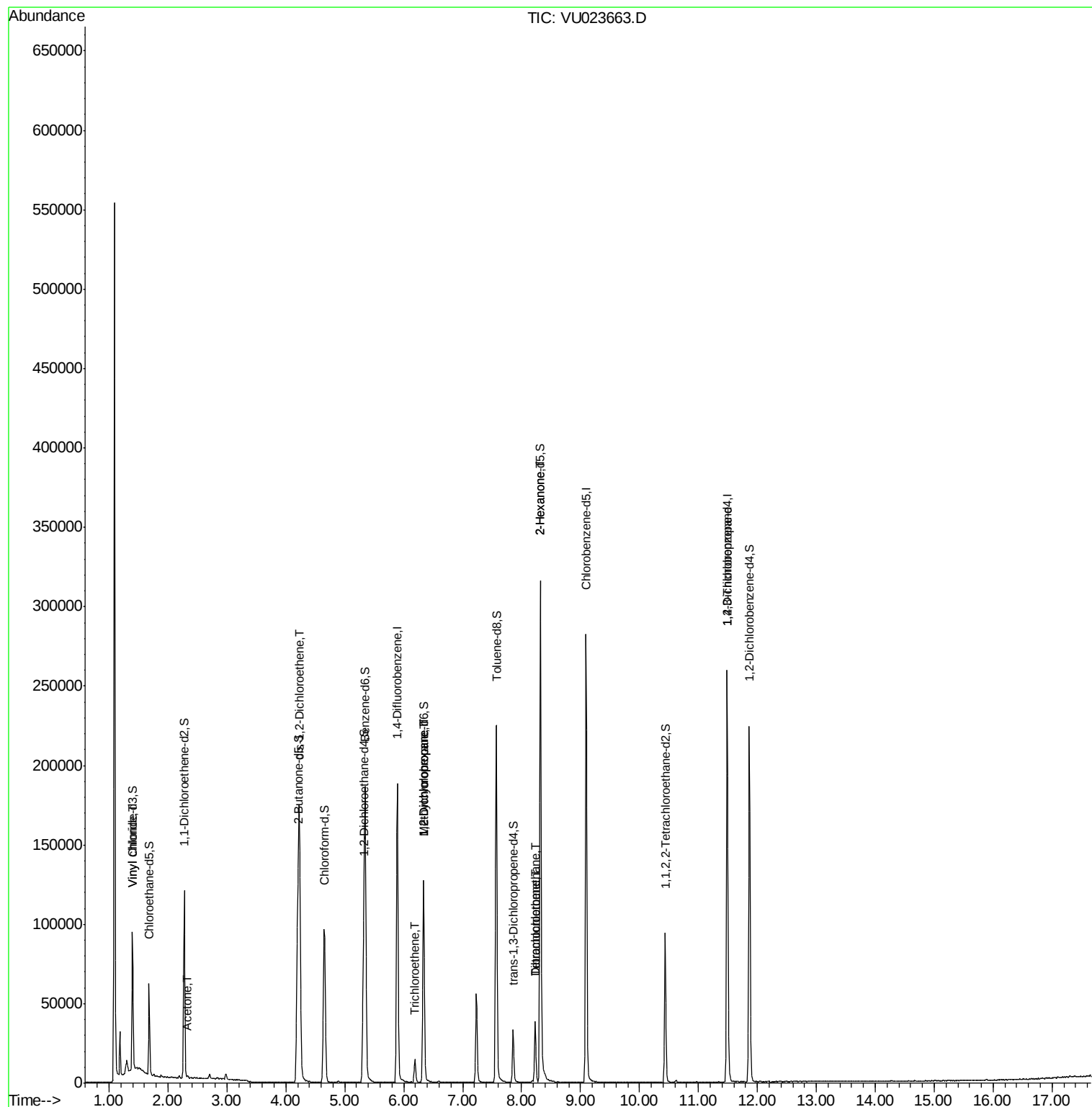
Target Compounds

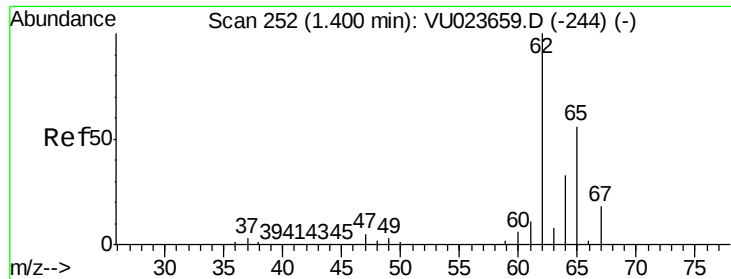
						Qvalue
5) Vinyl chloride	1.40	62	11812	0.80	ug/L #	57
13) Acetone	2.32	43	873	0.46	ug/L	61
22) cis-1,2-Dichloroethene	4.23	96	82826	6.76	ug/L	97
34) Trichloroethene	6.19	95	5271	0.42	ug/L	98
35) Methylcyclohexane	6.34	83	13558	0.71	ug/L #	16
37) 1,2-Dichloropropane	6.34	63	6814	0.51	ug/L #	89
47) Tetrachloroethene	8.23	164	9080	0.92	ug/L	98
48) 2-Hexanone	8.32	43	13068	2.21	ug/L #	68
49) Dibromochloromethane	8.23	129	8670	0.90	ug/L #	9
59) 1,2,3-Trichloropropane	11.49	75	8200	1.04	ug/L	95

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

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#5

Vinyl chloride

Concen: 0.80 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023663.D

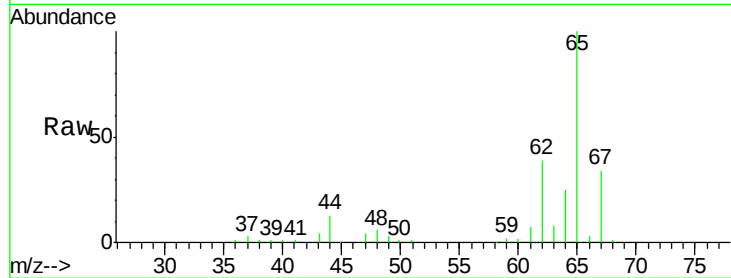
Acq: 05 May 2018 12:51

Tgt Ion: 62 Resp: 11812

Ion Ratio Lower Upper

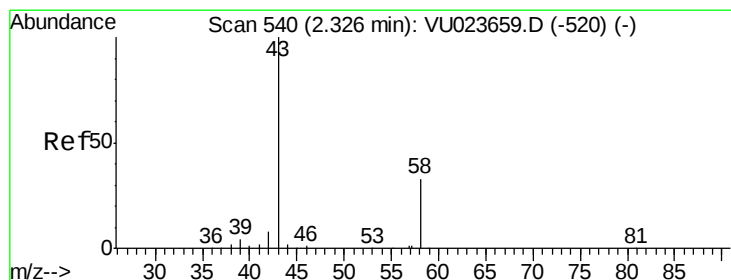
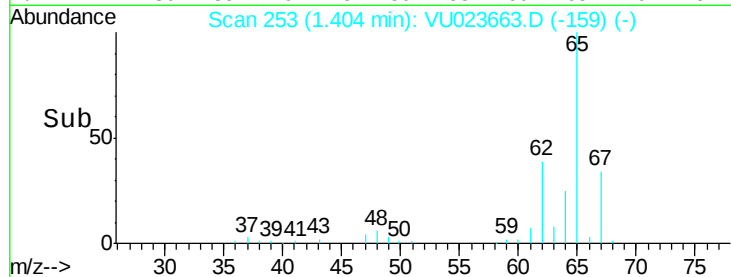
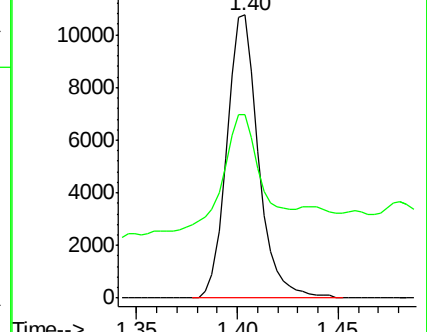
62 100

64 64.7 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: 0.46 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU023663.D

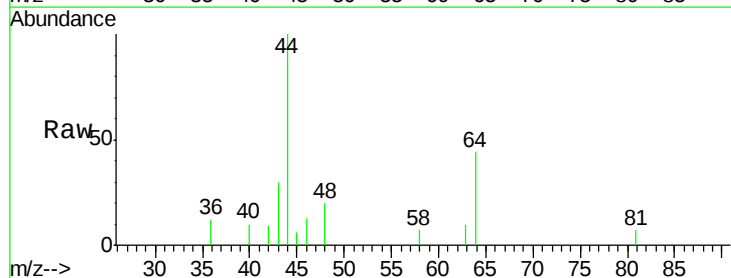
Acq: 05 May 2018 12:51

Tgt Ion: 43 Resp: 873

Ion Ratio Lower Upper

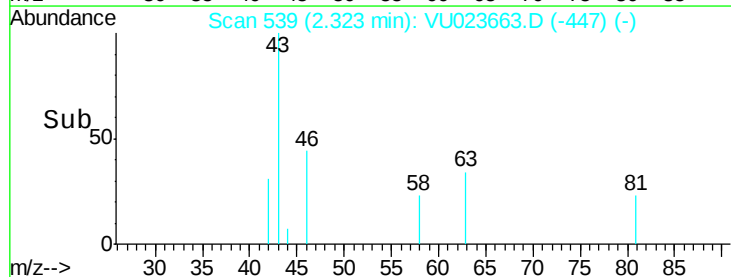
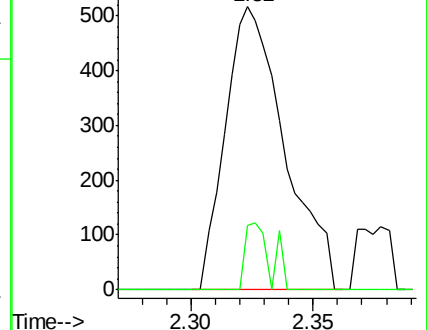
43 100

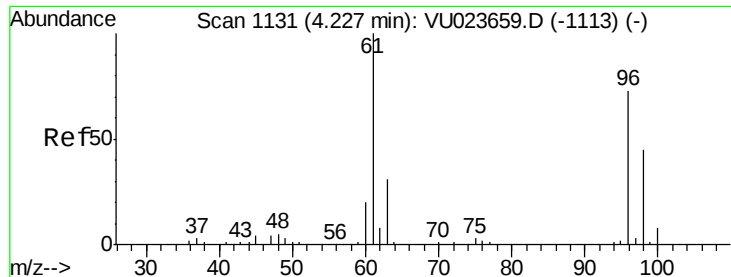
58 10.0 0.0 63.8



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: 6.76 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023663.D

Acq: 05 May 2018 12:51

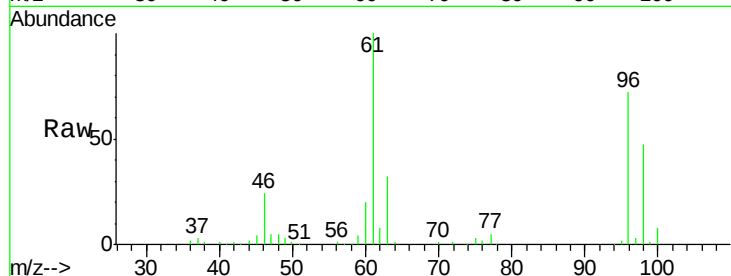
Tgt Ion: 96 Resp: 82826

Ion Ratio Lower Upper

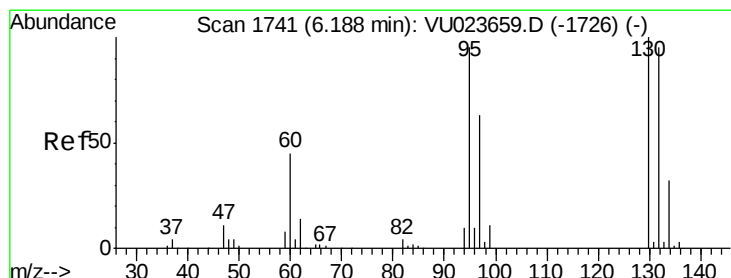
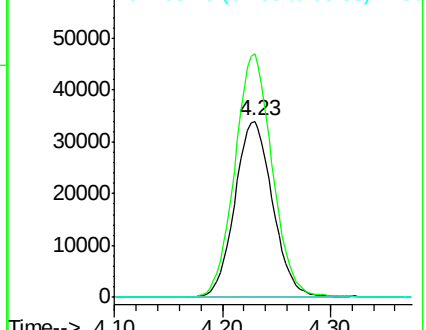
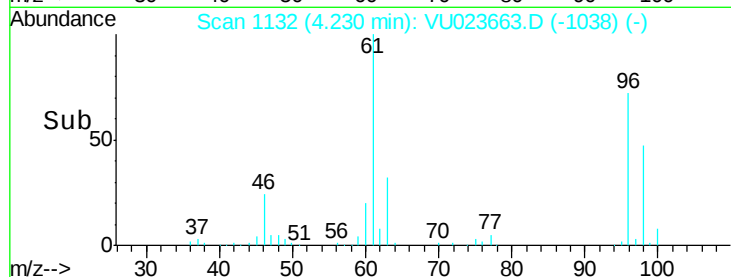
96 100

61 138.5 94.6 175.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU023663.D (-1038) (-)



#34

Trichloroethene

Concen: 0.42 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU023663.D

Acq: 05 May 2018 12:51

Tgt Ion: 95 Resp: 5271

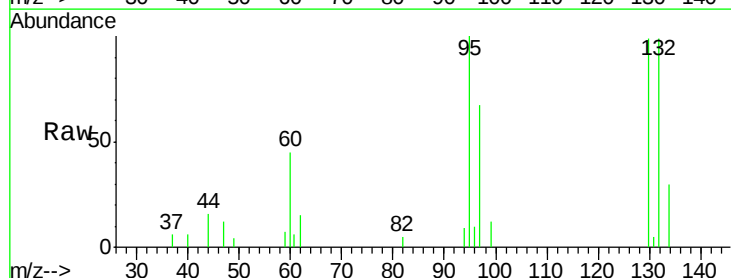
Ion Ratio Lower Upper

95 100

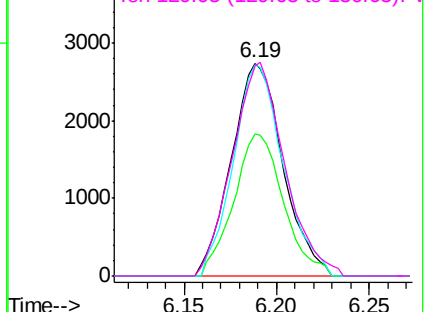
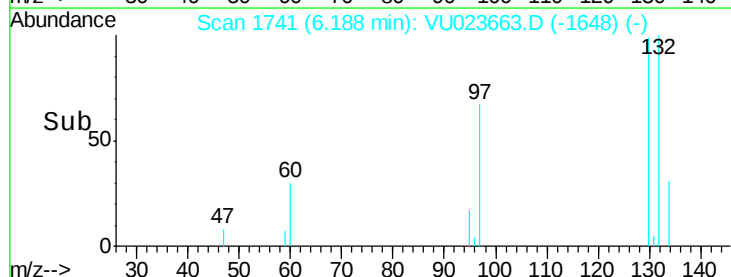
97 66.8 46.0 85.4

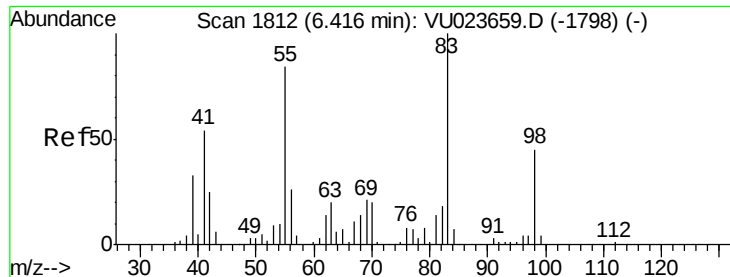
132 99.2 68.1 126.5

130 98.6 70.1 130.1



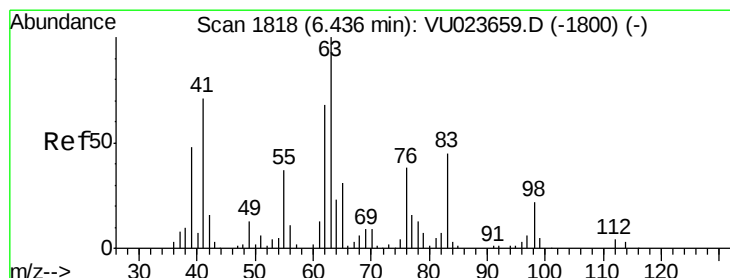
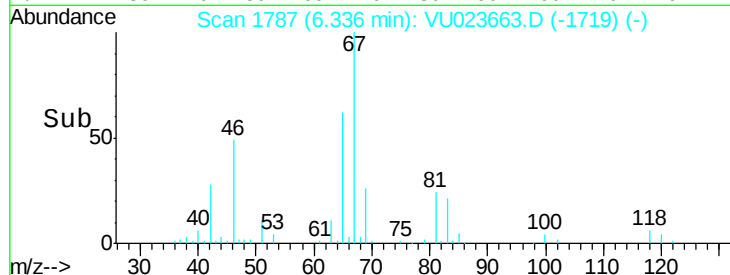
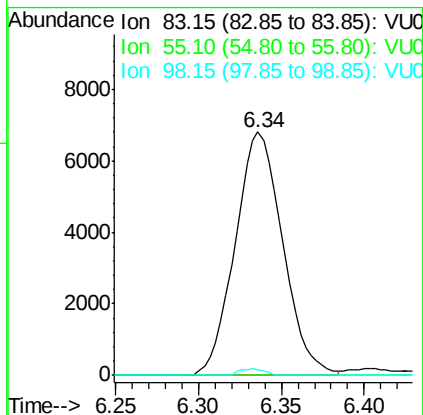
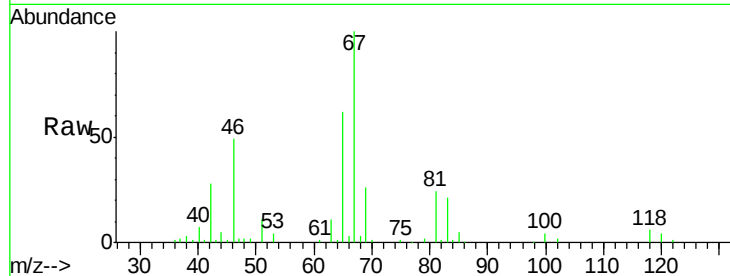
Abundance Ion 95.00 (94.70 to 95.70): VU023663.D (-1648) (-)





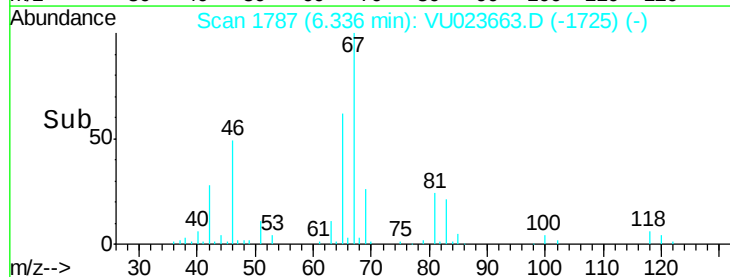
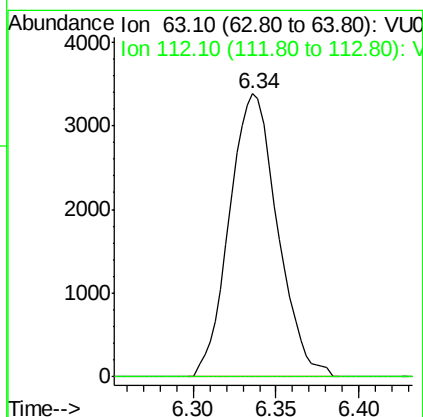
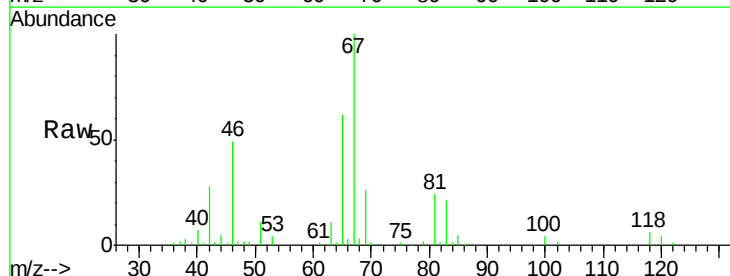
#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU023663.D
Acq: 05 May 2018 12:51

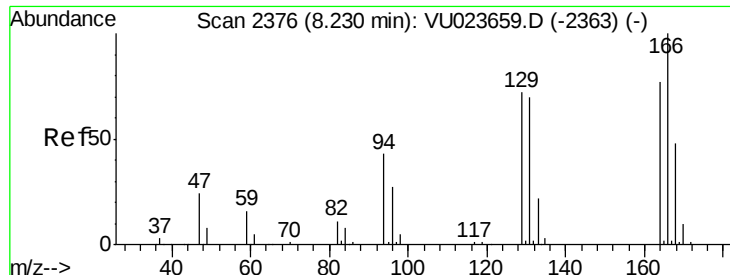
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.4	102.6#
98	1.4	36.7	55.1#



#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU023663.D
Acq: 05 May 2018 12:51

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





#47

Tetrachloroethene

Concen: 0.92 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU023663.D

Acq: 05 May 2018 12:51

Tgt Ion: 164 Resp: 9080

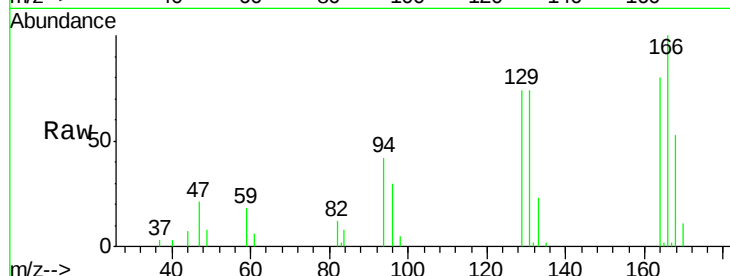
Ion Ratio Lower Upper

164 100

129 92.8 64.4 119.6

131 92.6 63.9 118.7

166 125.2 90.0 167.2

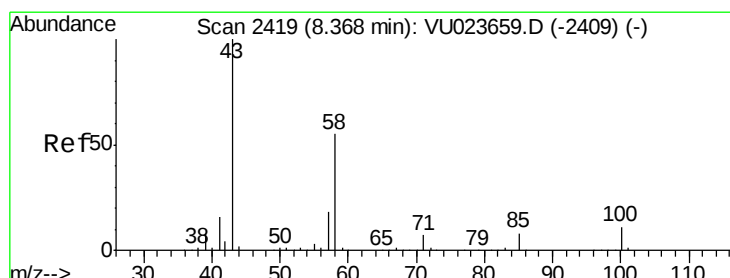
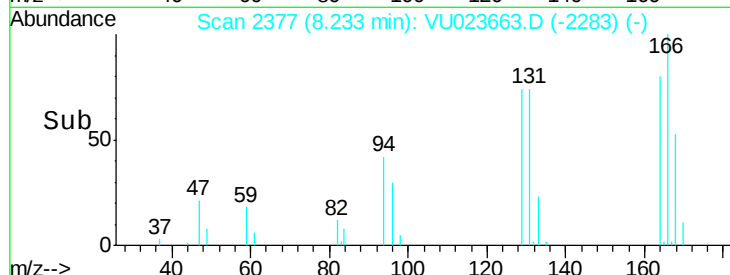
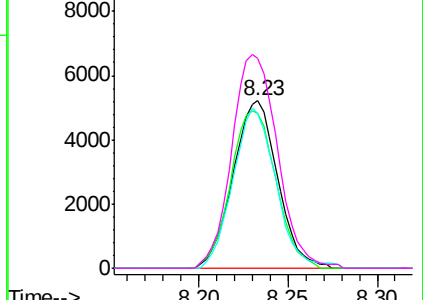


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.21 ug/L

RT: 8.32 min Scan# 2404

Delta R.T. -0.05 min

Lab File: VU023663.D

Acq: 05 May 2018 12:51

Tgt Ion: 43 Resp: 13068

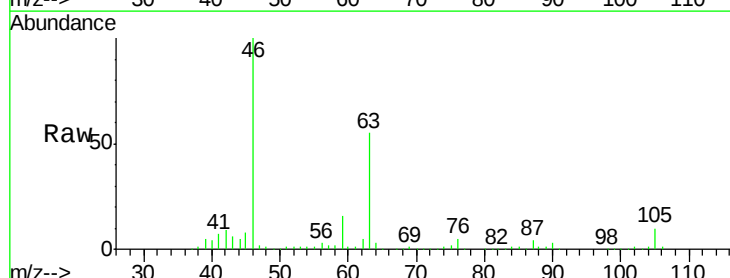
Ion Ratio Lower Upper

43 100

58 31.9 42.1 63.1#

57 38.7 14.3 21.5#

100 3.3 7.8 11.8#

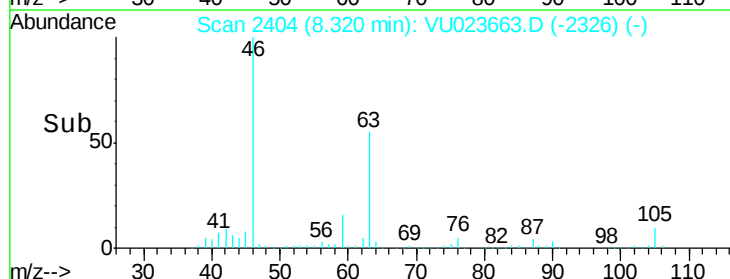
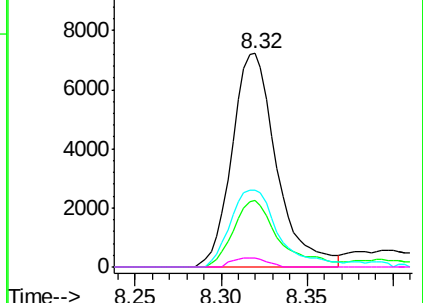


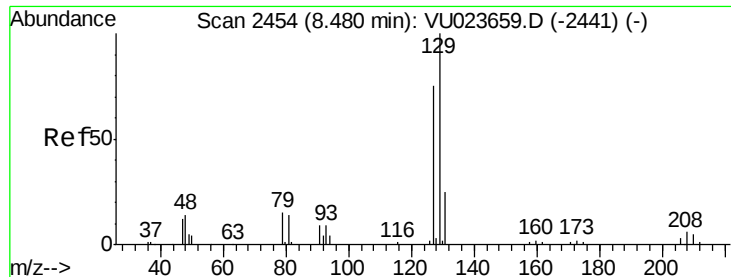
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.90 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU023663.D

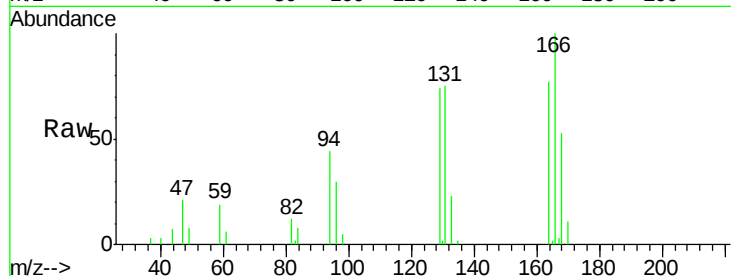
Acq: 05 May 2018 12:51

Tgt Ion: 129 Resp: 8670

Ion Ratio Lower Upper

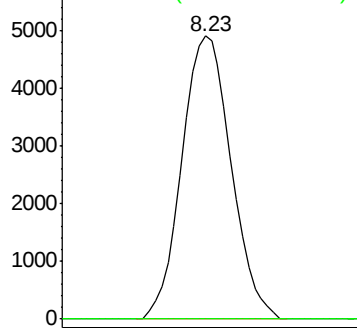
129 100

127 0.0 56.9 105.7#

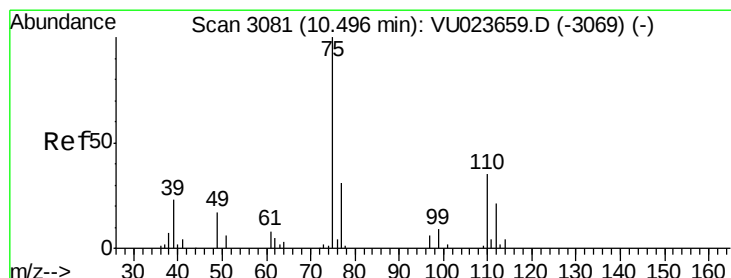
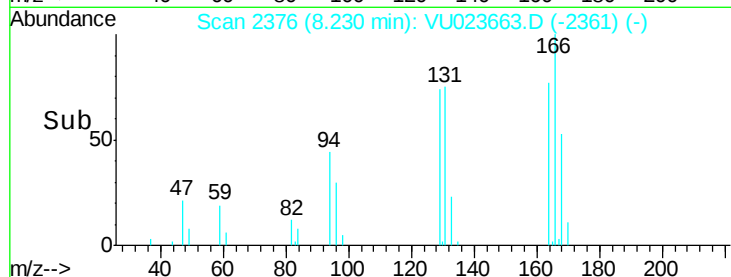


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 1.04 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023663.D

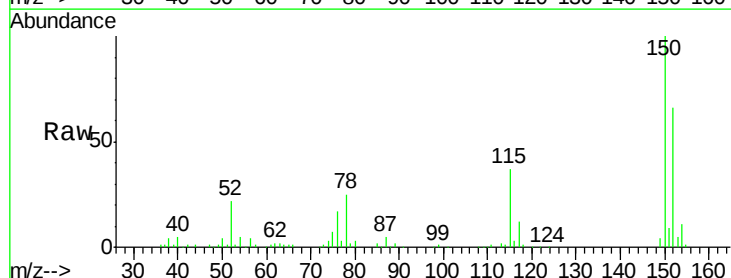
Acq: 05 May 2018 12:51

Tgt Ion: 75 Resp: 8200

Ion Ratio Lower Upper

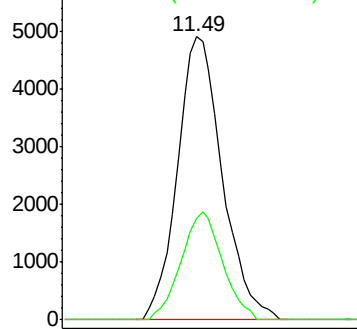
75 100

77 35.0 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->

