

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
 Data File : VU023650.D
 Acq On : 05 May 2018 00:01
 Operator : MD/SY
 Sample : J2630-17DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: May 05 01:21:37 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	140614	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62391	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44757	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.68	69	38776	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.27	63	67392	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.20	46	153260	51.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.88%
24) Chloroform-d	4.65	84	92069	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.32	65	51386	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.34	84	179762	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.34	67	63631	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.57	98	150023	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.86	79	18992	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.32	63	119224	50.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.20%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	50013	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	61454	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

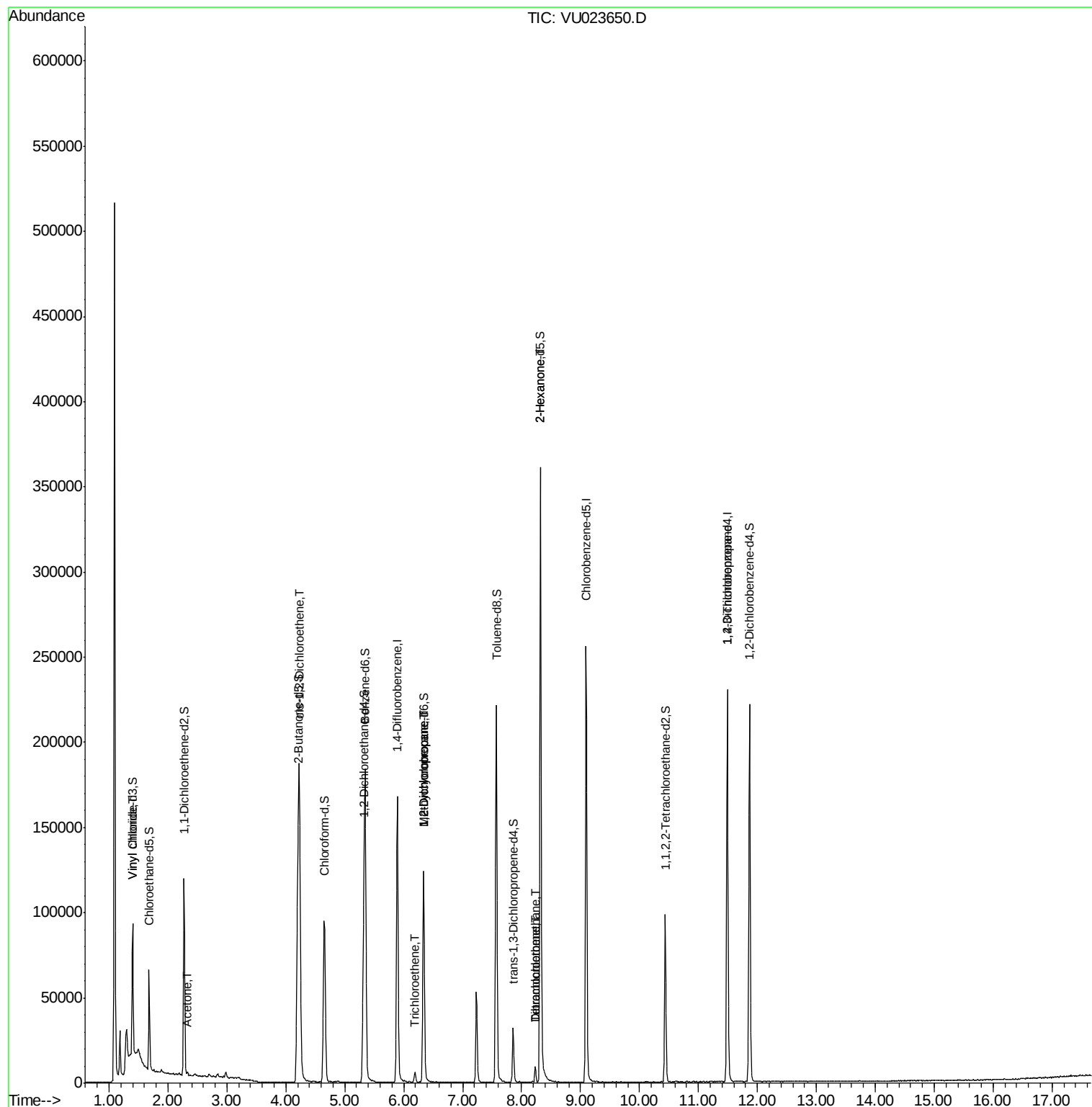
Target Compounds

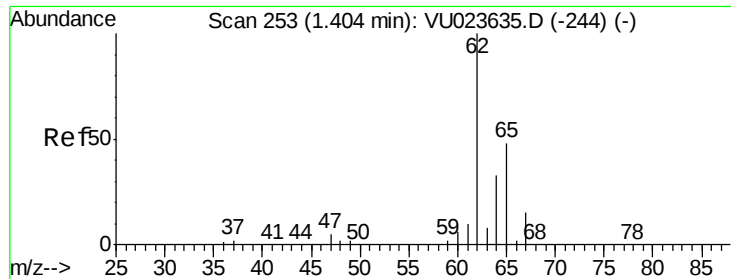
						Qvalue
5) Vinyl chloride	1.40	62	5975	0.45	ug/L	# 1
13) Acetone	2.33	43	1349	0.80	ug/L	85
22) cis-1,2-Dichloroethene	4.23	96	82831	7.62	ug/L	99
34) Trichloroethene	6.19	95	2297	0.20	ug/L	86
35) Methylcyclohexane	6.34	83	13745	0.80	ug/L	# 15
37) 1,2-Dichloropropane	6.34	63	6443	0.53	ug/L	# 89
47) Tetrachloroethene	8.23	164	2274	0.25	ug/L	95
48) 2-Hexanone	8.32	43	15523	2.91	ug/L	# 67
49) Dibromochloromethane	8.23	129	2157	0.25	ug/L	# 9
59) 1,2,3-Trichloropropane	11.49	75	7330	1.03	ug/L	91

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

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#5

Vinyl chloride

Concen: 0.45 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023650.D

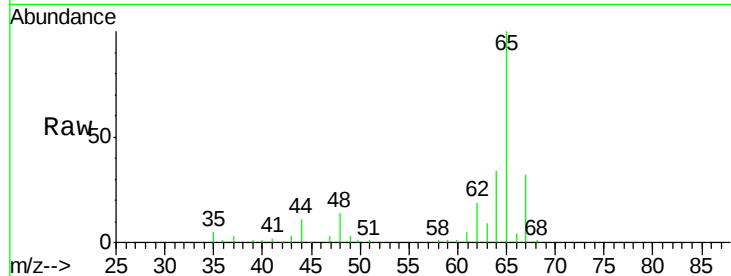
Acq: 05 May 2018 00:01

Tgt Ion: 62 Resp: 5975

Ion Ratio Lower Upper

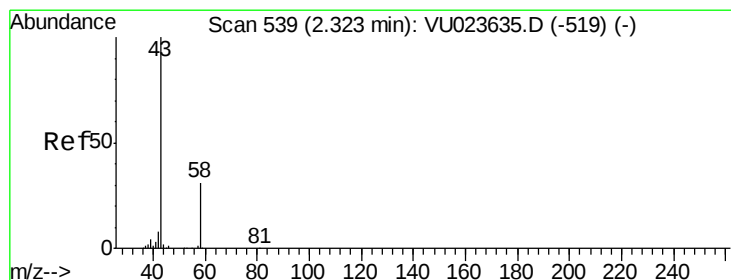
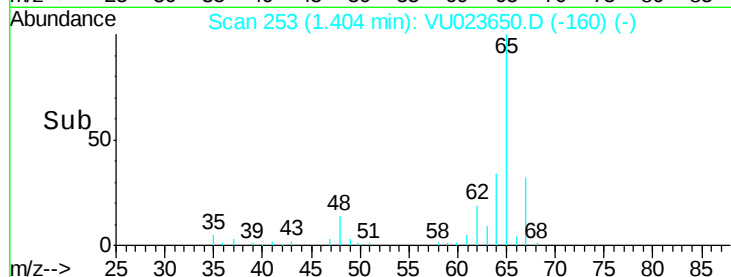
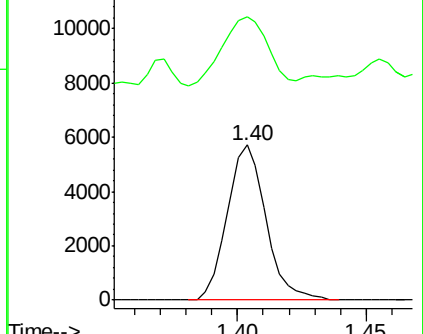
62 100

64 182.3 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: 0.80 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023650.D

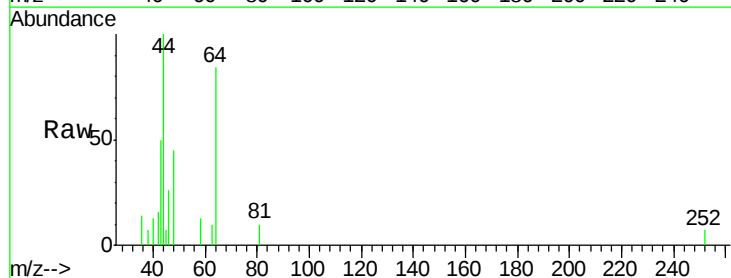
Acq: 05 May 2018 00:01

Tgt Ion: 43 Resp: 1349

Ion Ratio Lower Upper

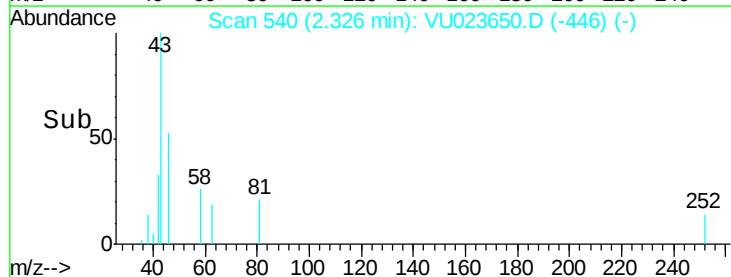
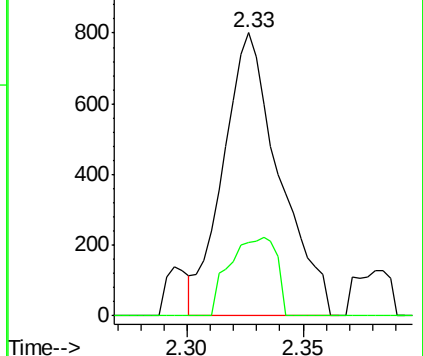
43 100

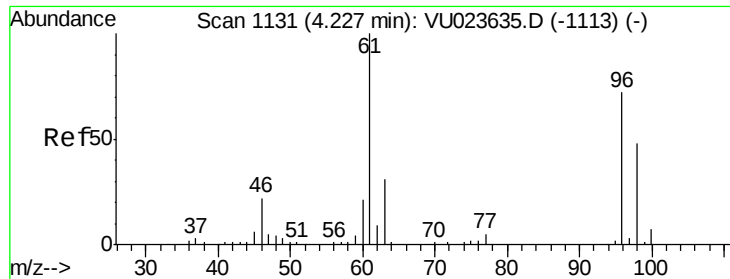
58 23.3 0.0 63.8



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: 7.62 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU023650.D

Acq: 05 May 2018 00:01

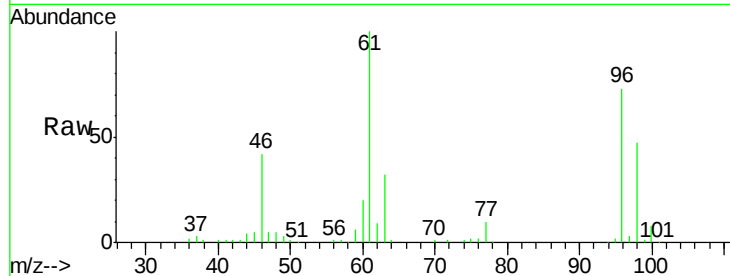
Tgt Ion: 96 Resp: 82831

Ion Ratio Lower Upper

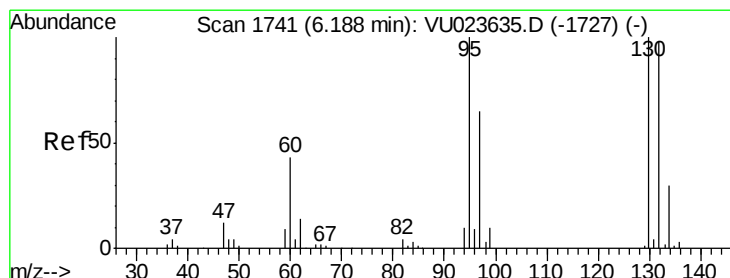
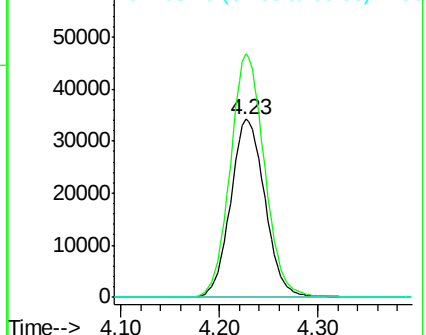
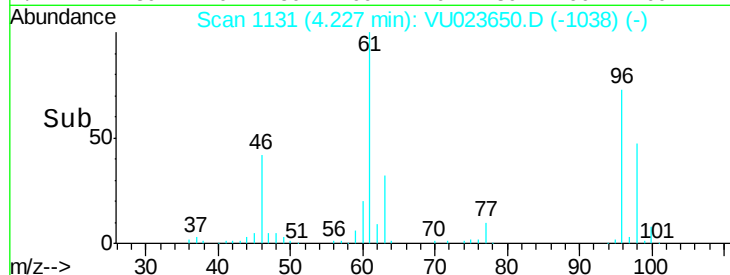
96 100

61 136.8 94.6 175.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU023650.D (-1038) (-)



#34

Trichloroethene

Concen: 0.20 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023650.D

Acq: 05 May 2018 00:01

Tgt Ion: 95 Resp: 2297

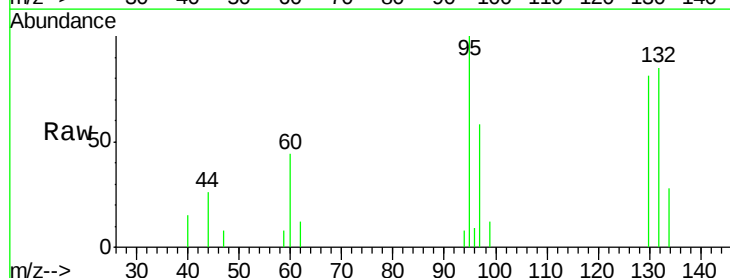
Ion Ratio Lower Upper

95 100

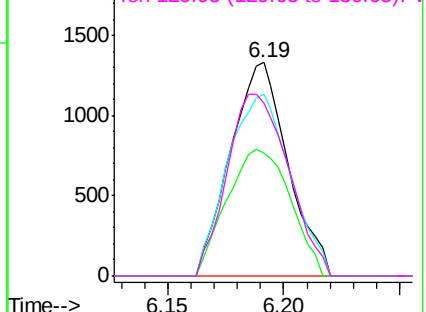
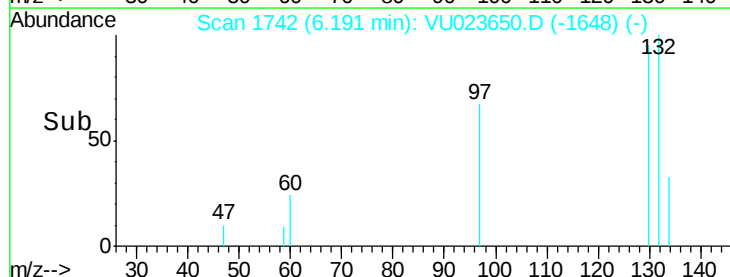
97 57.5 46.0 85.4

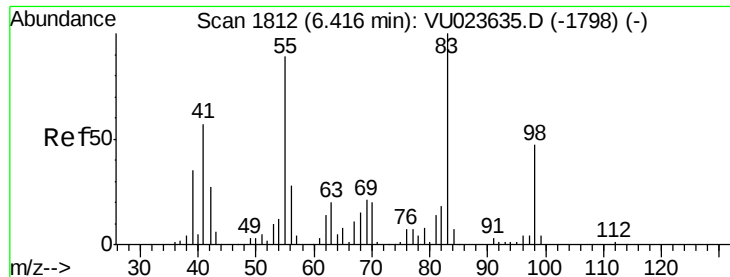
132 85.3 68.1 126.5

130 80.9 70.1 130.1



Abundance Ion 95.00 (94.70 to 95.70): VU023650.D (-1648) (-)





#35

Methylcyclohexane

Concen: 0.80 ug/L

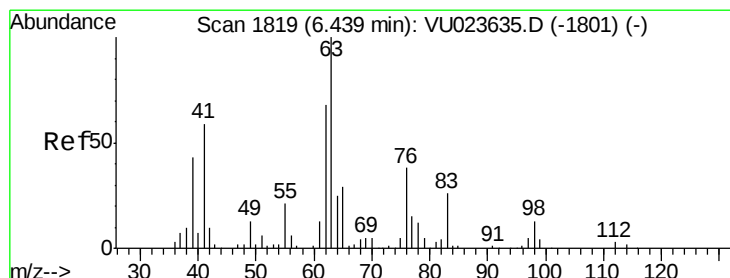
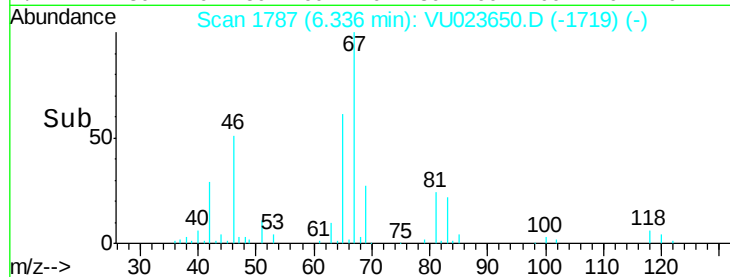
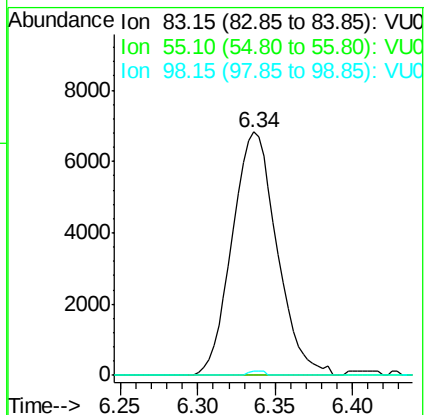
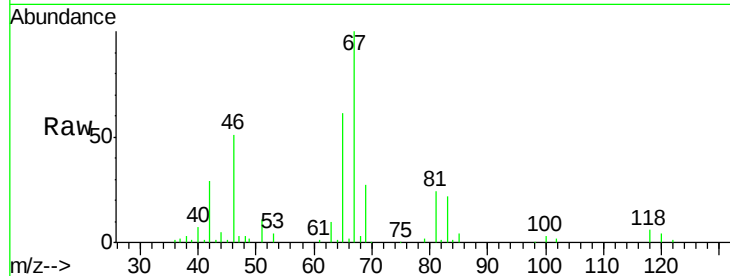
RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023650.D

Acq: 05 May 2018 00:01

Tgt Ion:	83	Resp:	13745
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.4	102.6#
98	0.6	36.7	55.1#



#37

1,2-Dichloropropane

Concen: 0.53 ug/L

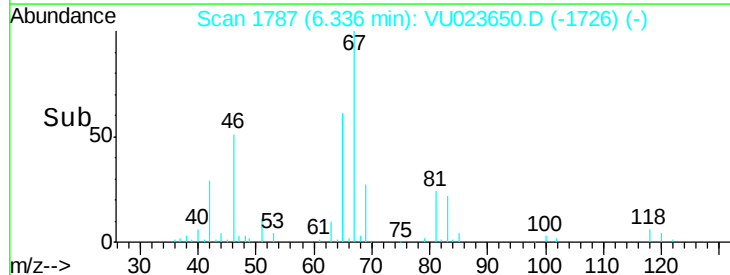
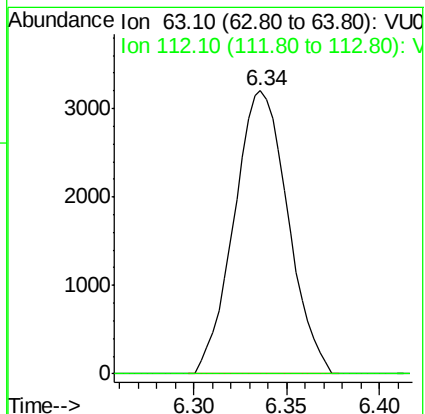
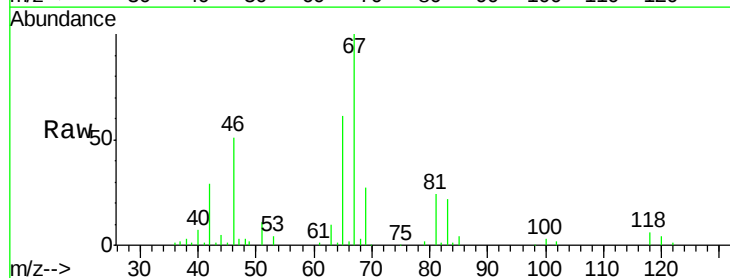
RT: 6.34 min Scan# 1787

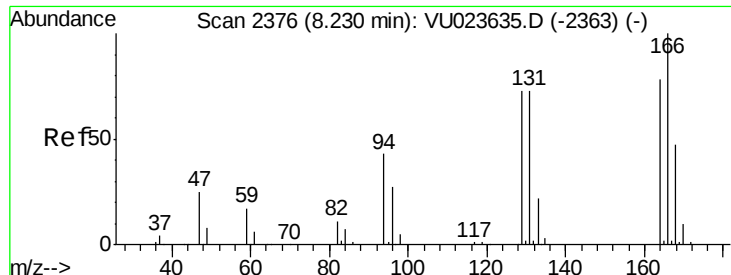
Delta R.T. -0.10 min

Lab File: VU023650.D

Acq: 05 May 2018 00:01

Tgt Ion:	63	Resp:	6443
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#47

Tetrachloroethene

Concen: 0.25 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU023650.D

Acq: 05 May 2018 00:01

Tgt Ion: 164 Resp: 2274

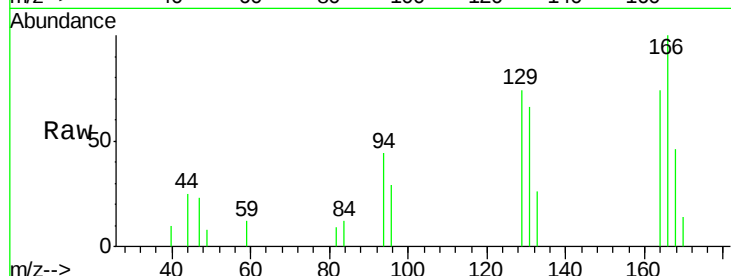
Ion Ratio Lower Upper

164 100

129 100.3 64.4 119.6

131 89.6 63.9 118.7

166 134.9 90.0 167.2

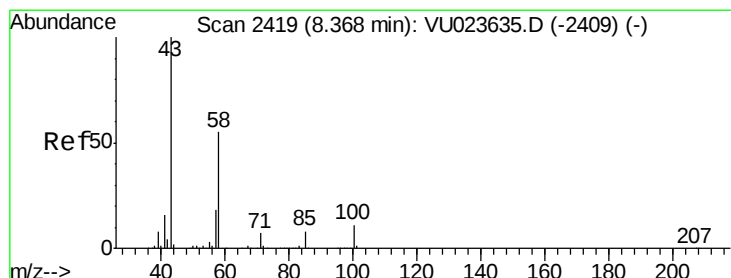
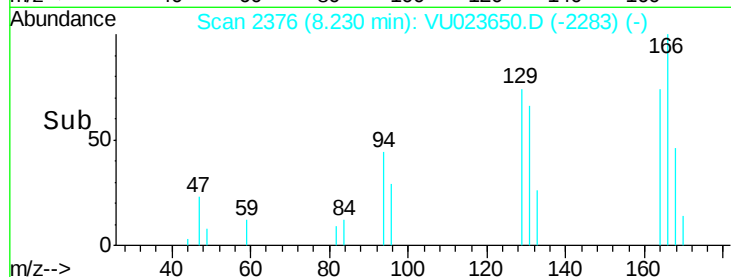
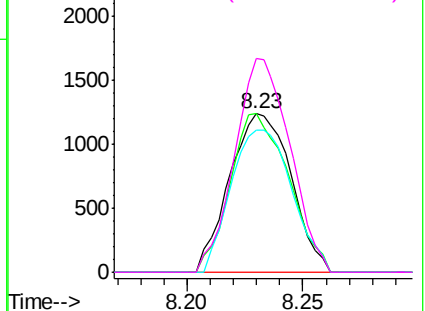


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.91 ug/L

RT: 8.32 min Scan# 2403

Delta R.T. -0.05 min

Lab File: VU023650.D

Acq: 05 May 2018 00:01

Tgt Ion: 43 Resp: 15523

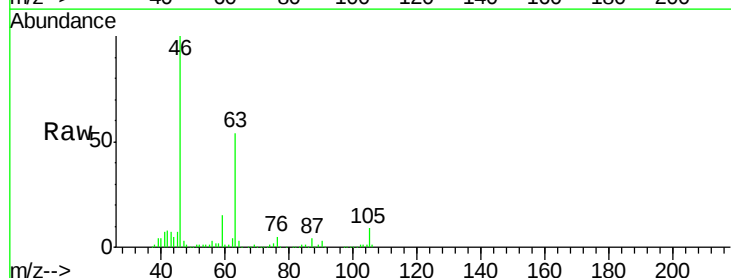
Ion Ratio Lower Upper

43 100

58 30.3 42.1 63.1#

57 37.4 14.3 21.5#

100 3.6 7.8 11.8#

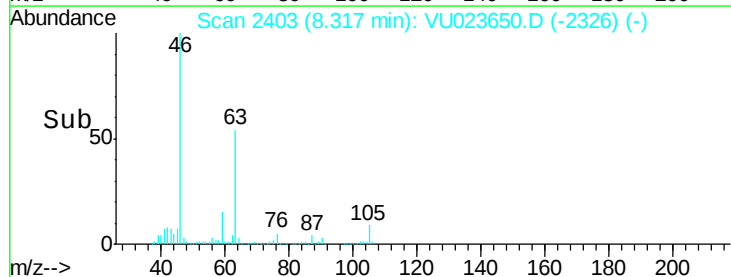
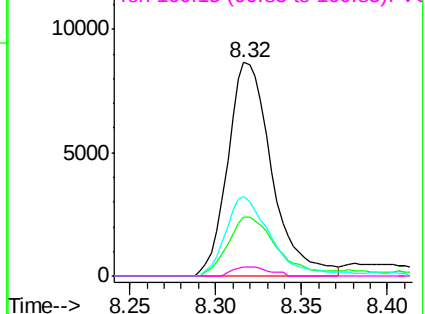


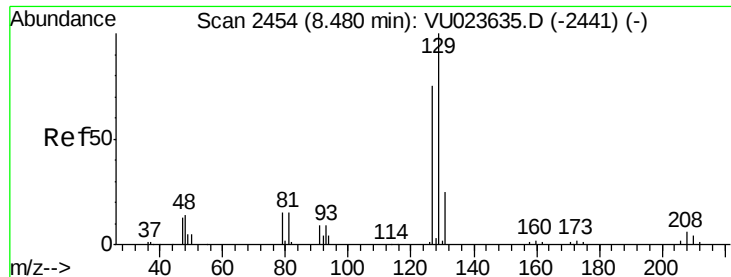
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.25 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU023650.D

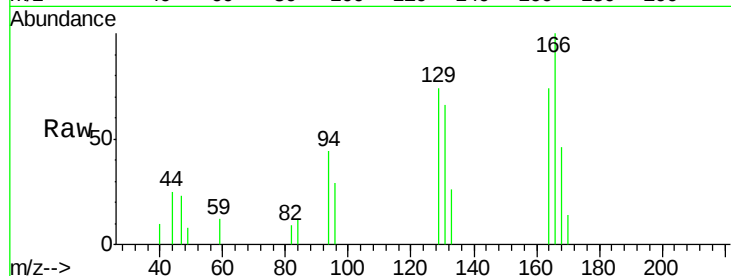
Acq: 05 May 2018 00:01

Tgt Ion: 129 Resp: 2157

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

1000

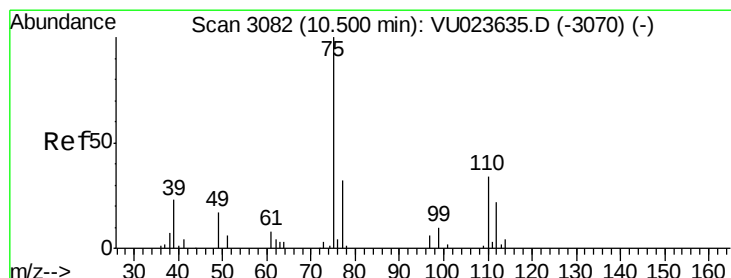
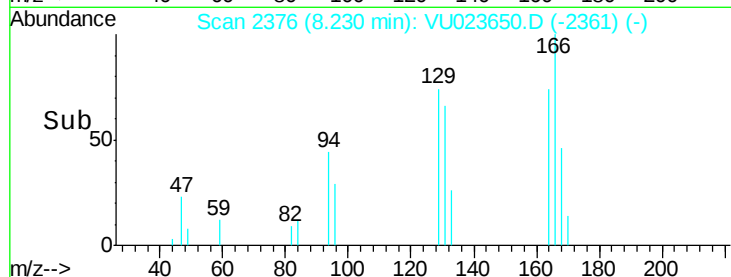
500

0

Time-->

8.20

8.25



#59

1,2,3-Trichloropropane

Concen: 1.03 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023650.D

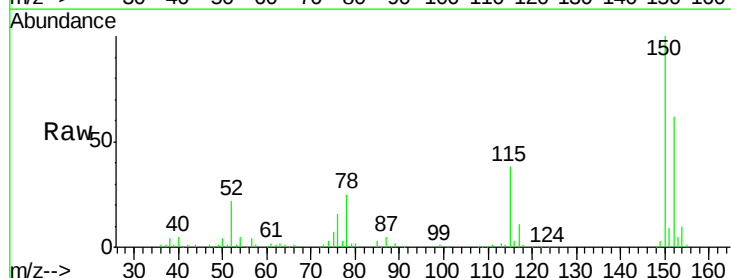
Acq: 05 May 2018 00:01

Tgt Ion: 75 Resp: 7330

Ion Ratio Lower Upper

75 100

77 37.8 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-->

11.45

11.50

11.55

