

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
 Data File : VU023655.D
 Acq On : 05 May 2018 02:10
 Operator : MD/SY
 Sample : J2630-20 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Quant Time: May 05 04:01:12 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	138497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143261	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63193	5.00	ug/L	0.00

System Monitoring Compounds

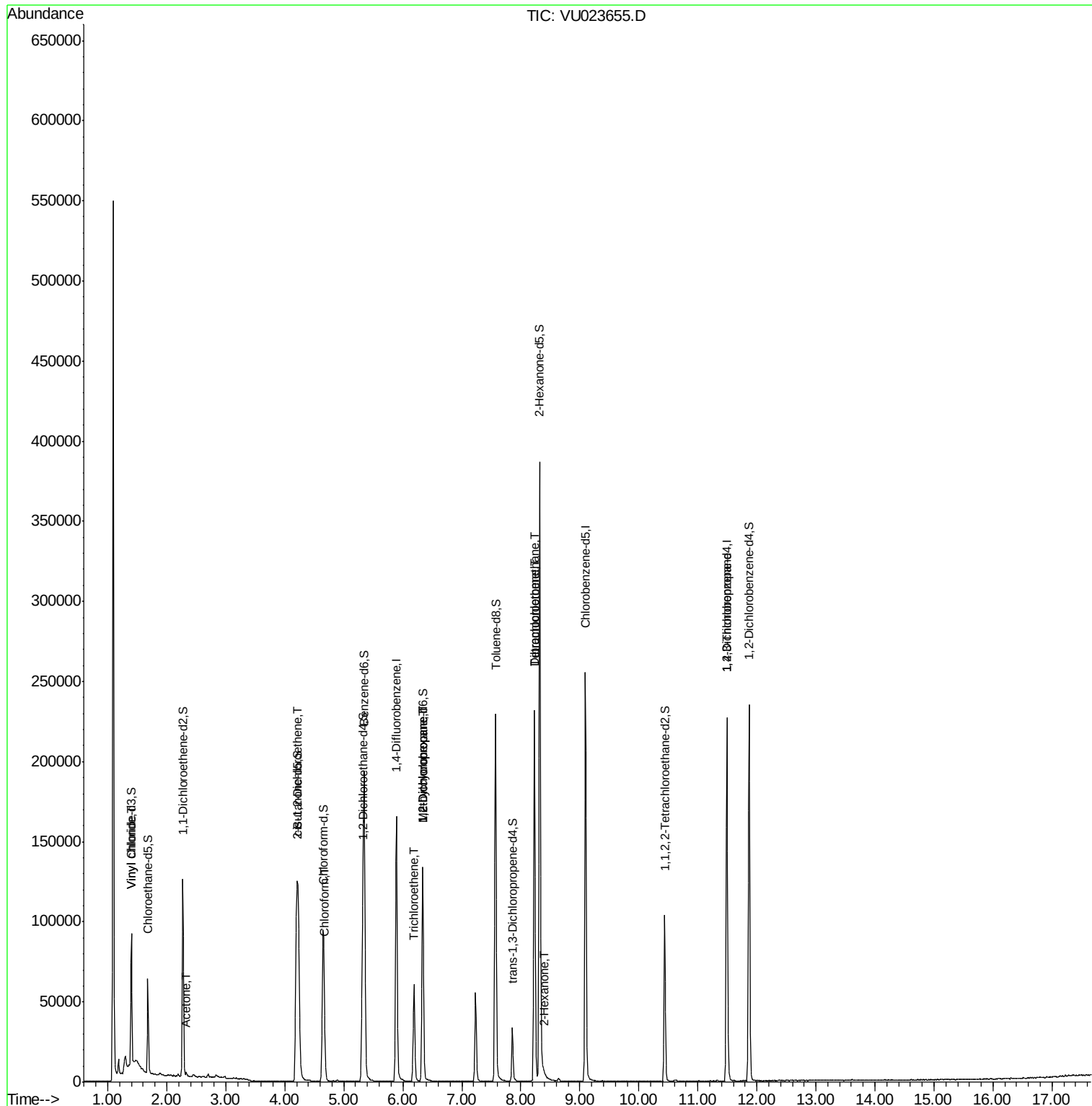
4) Vinyl Chloride-d3	1.40	65	48427	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.68	69	40896	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.27	63	71223	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.20	46	160476	55.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.44%
24) Chloroform-d	4.65	84	91460	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.31	65	53949	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.34	84	192544	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.34	67	67920	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.57	98	158825	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.86	79	19302	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.32	63	127349	53.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.78%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	53164	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.87	152	65863	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

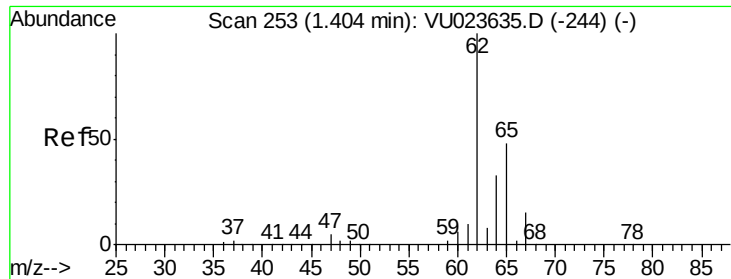
Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	6690	0.52	ug/L	# 1
13) Acetone	2.33	43	1441	0.87	ug/L	91
22) cis-1,2-Dichloroethene	4.23	96	46439	4.34	ug/L	98
25) Chloroform	4.68	83	7152	0.39	ug/L	98
34) Trichloroethene	6.19	95	21062	1.87	ug/L	97
35) Methylcyclohexane	6.34	83	15088	0.88	ug/L	# 15
37) 1,2-Dichloropropane	6.34	63	6675	0.56	ug/L	# 89
47) Tetrachloroethene	8.23	164	54992	6.18	ug/L	98
48) 2-Hexanone	8.40	43	1700	0.32	ug/L	# 87
49) Dibromochloromethane	8.23	129	50747	5.89	ug/L	# 9
59) 1,2,3-Trichloropropane	11.49	75	7591	1.07	ug/L	90

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

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Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
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#5

Vinyl chloride

Concen: 0.52 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023655.D

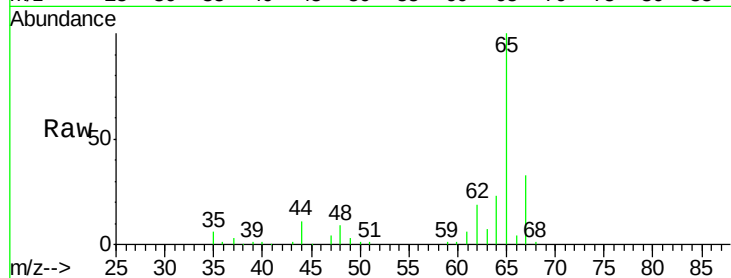
Acq: 05 May 2018 02:10

Tgt Ion: 62 Resp: 6690

Ion Ratio Lower Upper

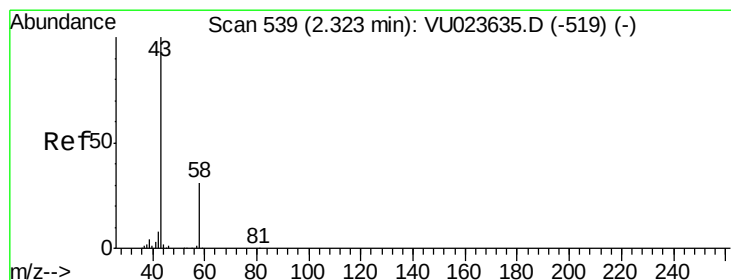
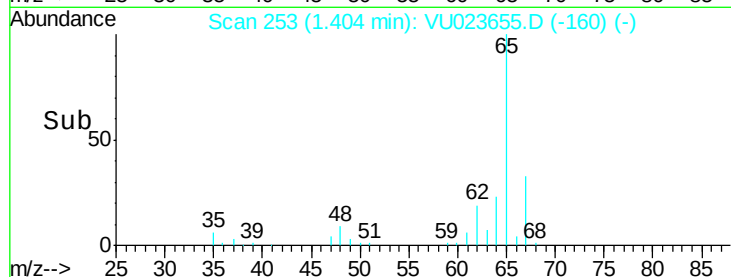
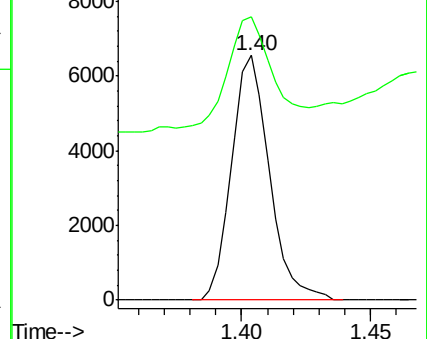
62 100

64 115.6 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: 0.87 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023655.D

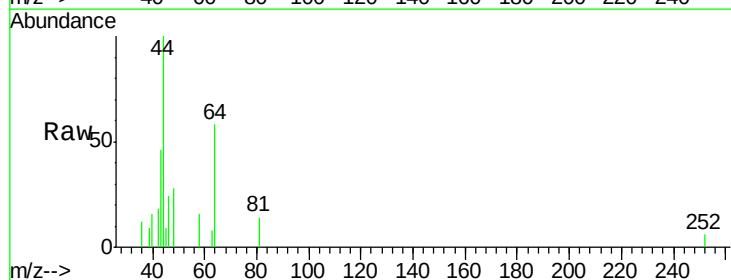
Acq: 05 May 2018 02:10

Tgt Ion: 43 Resp: 1441

Ion Ratio Lower Upper

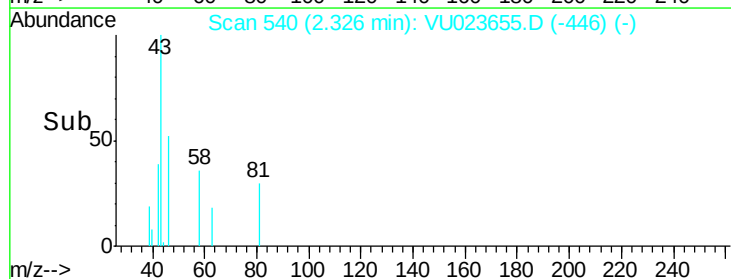
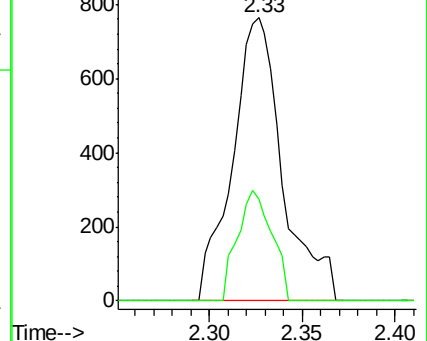
43 100

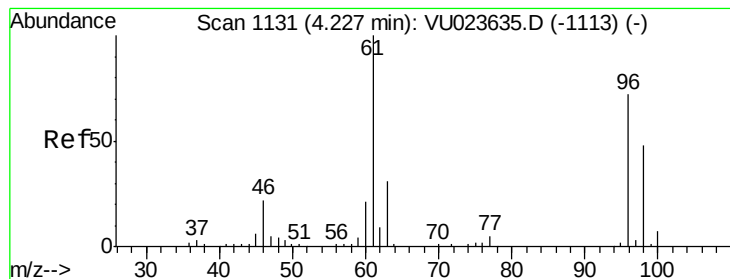
58 26.9 0.0 63.8



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: 4.34 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023655.D

Acq: 05 May 2018 02:10

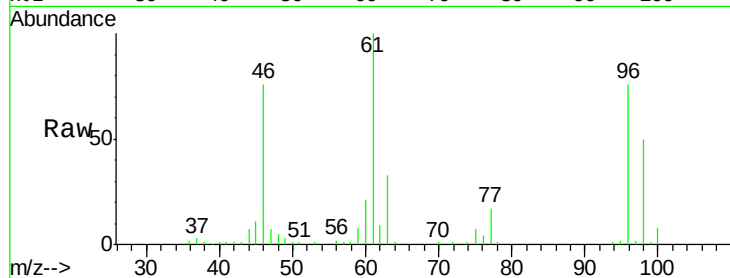
Tgt Ion: 96 Resp: 46439

Ion Ratio Lower Upper

96 100

61 132.2 94.6 175.6

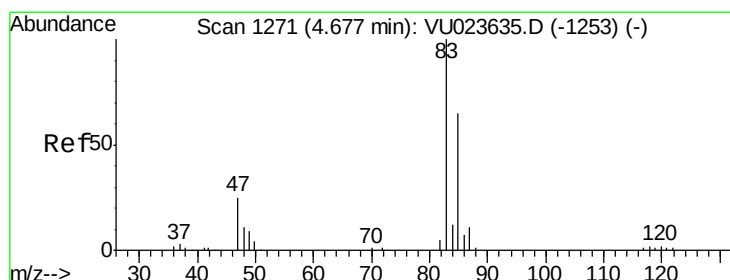
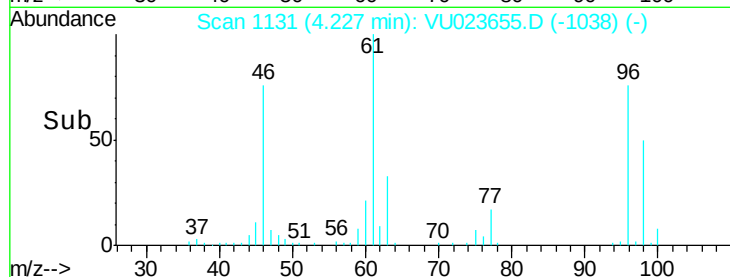
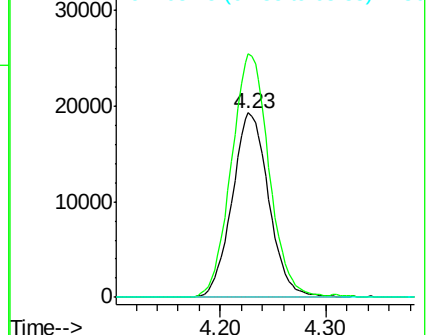
68 0.0 0.0 0.0



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



#25

Chloroform

Concen: 0.39 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU023655.D

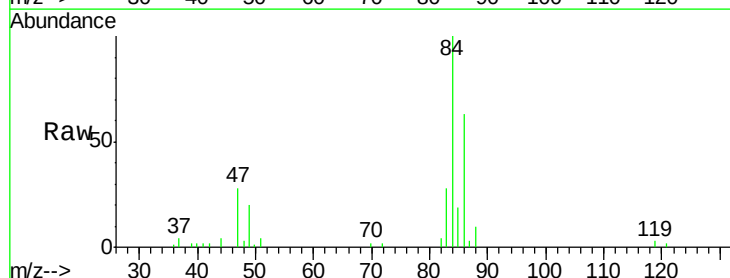
Acq: 05 May 2018 02:10

Tgt Ion: 83 Resp: 7152

Ion Ratio Lower Upper

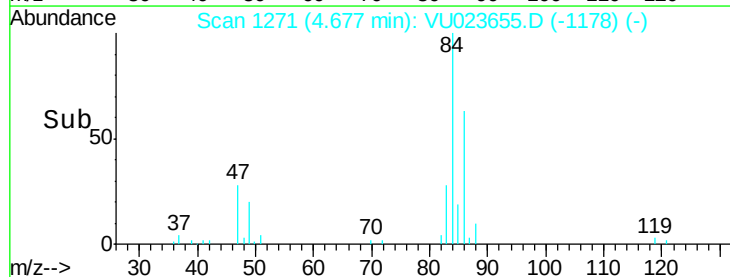
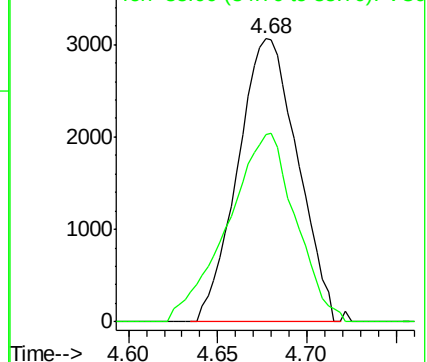
83 100

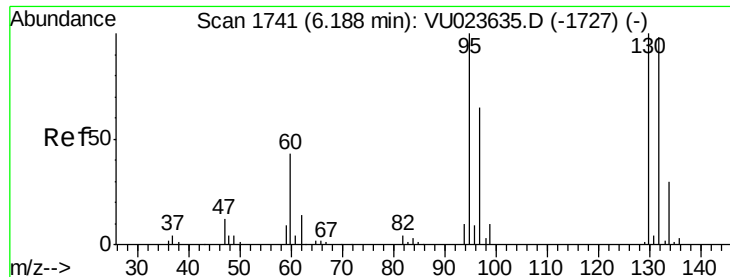
85 66.0 45.2 84.0



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 1.87 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023655.D

Acq: 05 May 2018 02:10

Tgt Ion: 95 Resp: 21062

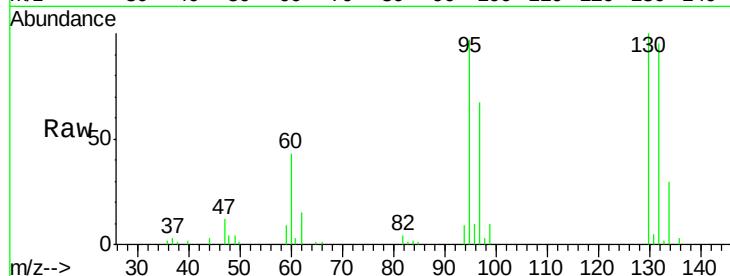
Ion Ratio Lower Upper

95 100

97 68.9 46.0 85.4

132 98.3 68.1 126.5

130 103.2 70.1 130.1

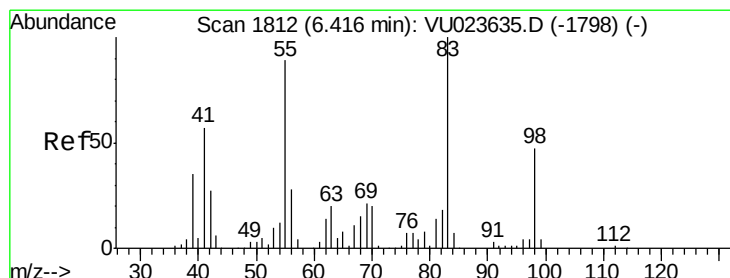
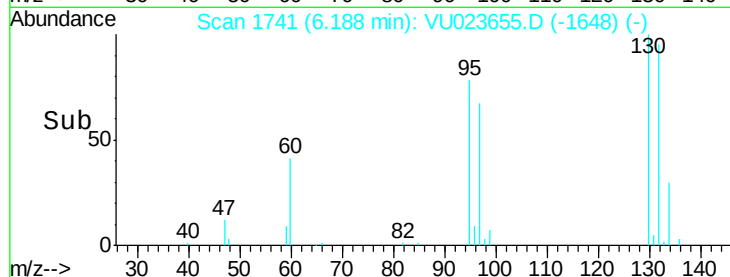
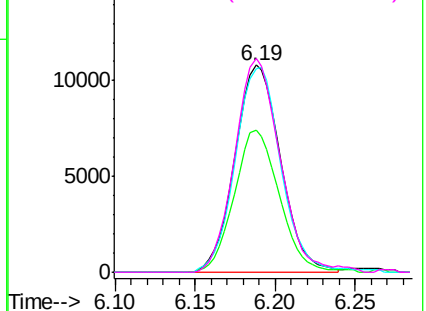


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.88 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023655.D

Acq: 05 May 2018 02:10

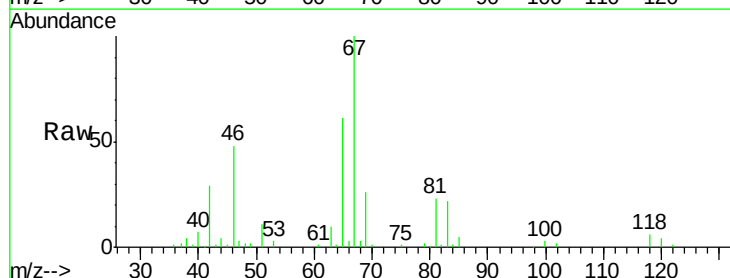
Tgt Ion: 83 Resp: 15088

Ion Ratio Lower Upper

83 100

55 0.0 68.4 102.6#

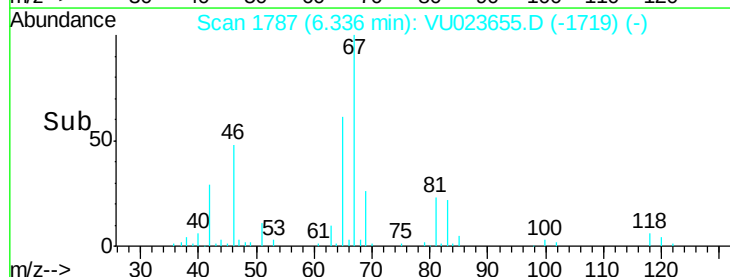
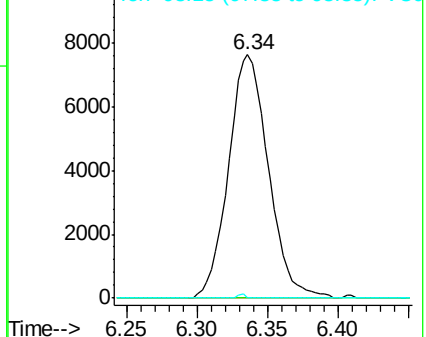
98 0.3 36.7 55.1#

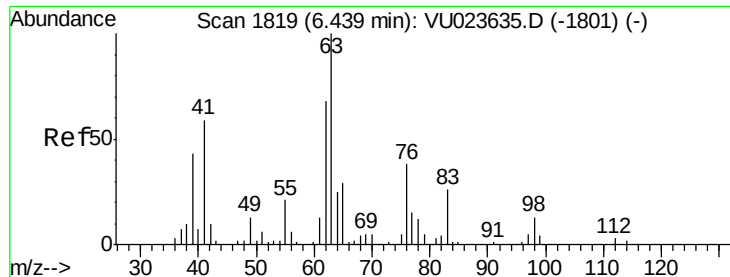


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

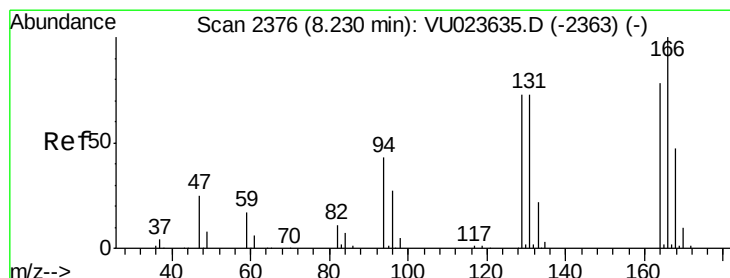
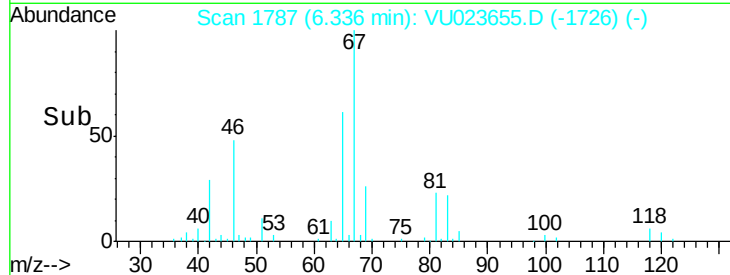
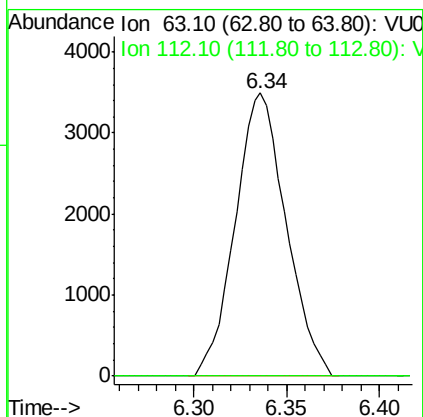
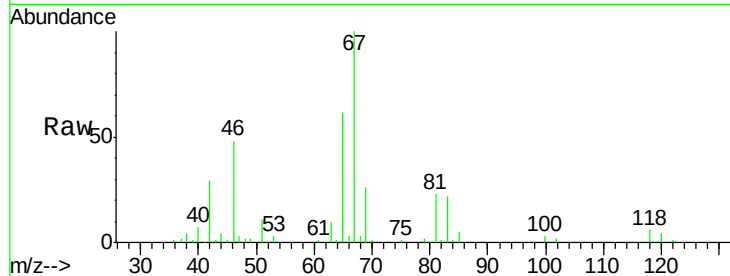
Ion 98.15 (97.85 to 98.85): VU0





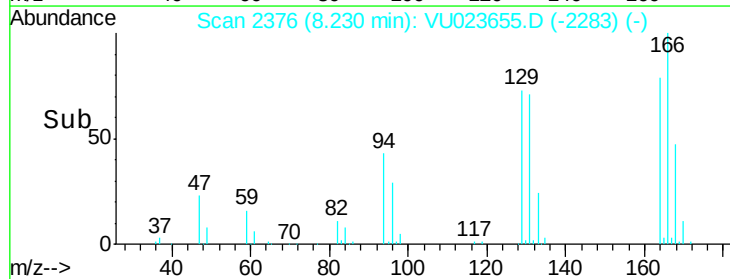
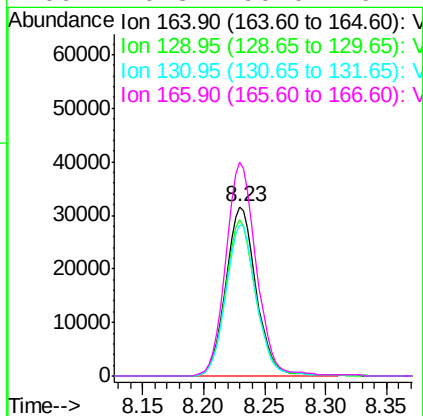
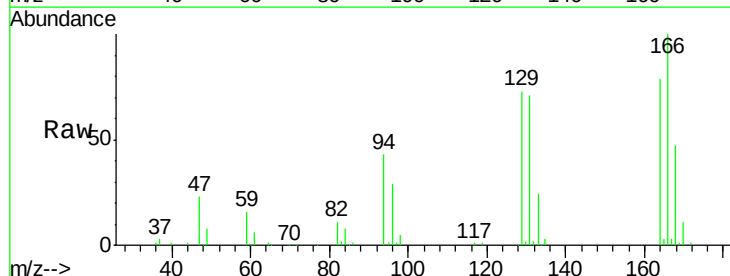
#37
 1,2-Dichloropropane
 Concen: 0.56 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU023655.D
 Acq: 05 May 2018 02:10

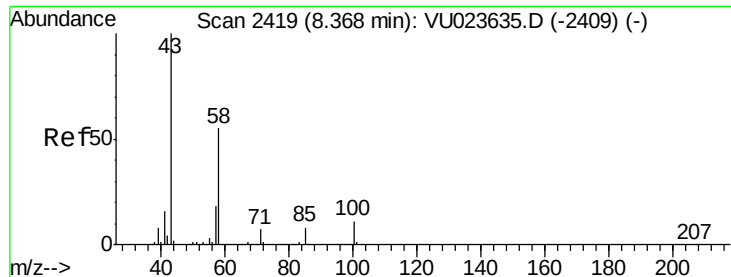
Tgt Ion: 63 Resp: 6675
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#47
 Tetrachloroethene
 Concen: 6.18 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU023655.D
 Acq: 05 May 2018 02:10

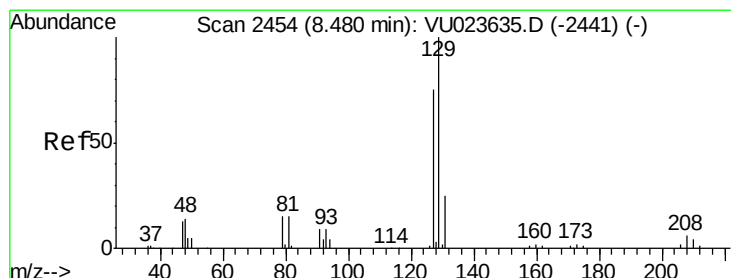
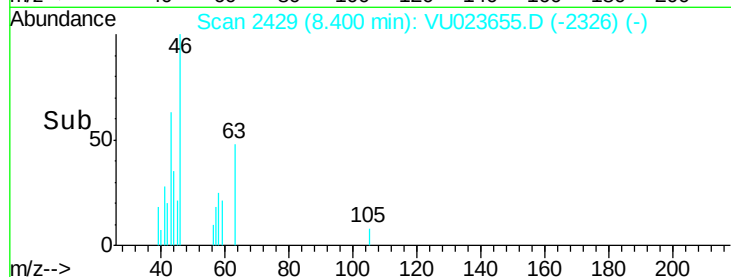
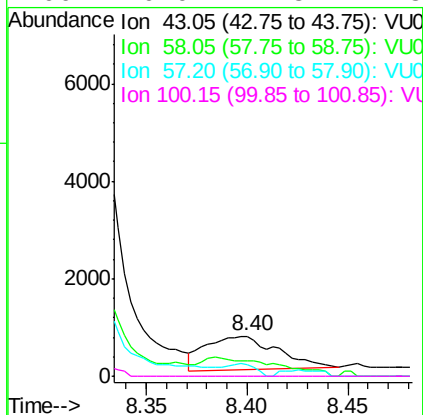
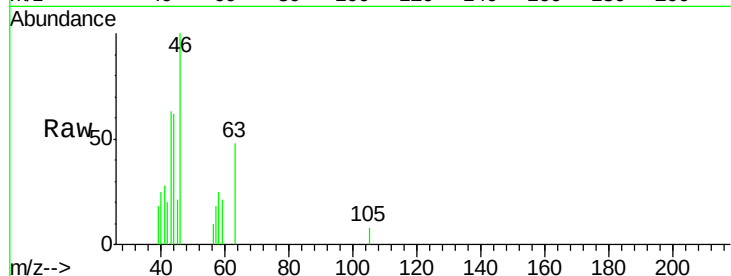
Tgt Ion: 164 Resp: 54992
 Ion Ratio Lower Upper
 164 100
 129 92.5 64.4 119.6
 131 89.5 63.9 118.7
 166 126.3 90.0 167.2





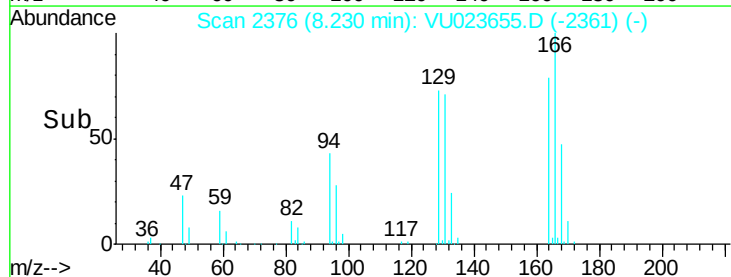
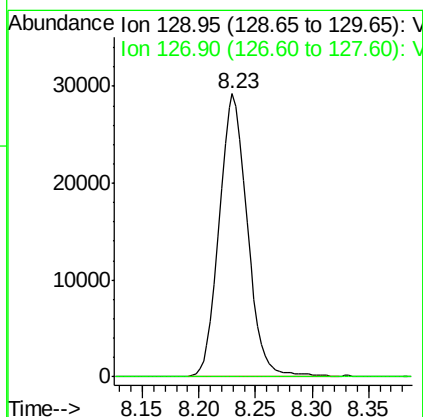
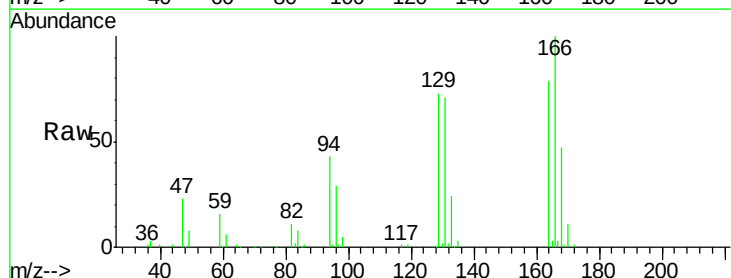
#48
2-Hexanone
Concen: 0.32 ug/L
RT: 8.40 min Scan# 2429
Delta R.T. 0.03 min
Lab File: VU023655.D
Acq: 05 May 2018 02:10

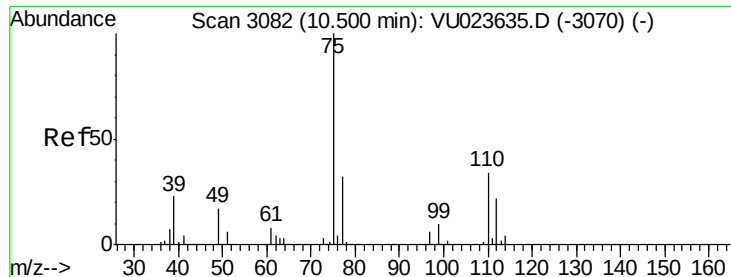
Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
58 60.5 42.1 63.1
57 14.0 14.3 21.5#
100 0.0 7.8 11.8#



#49
Dibromochloromethane
Concen: 5.89 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU023655.D
Acq: 05 May 2018 02:10

Tgt Ion: 129 Resp: 50747
Ion Ratio Lower Upper
129 100
127 0.0 56.9 105.7#





#59

1,2,3-Trichloropropane

Concen: 1.07 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023655.D

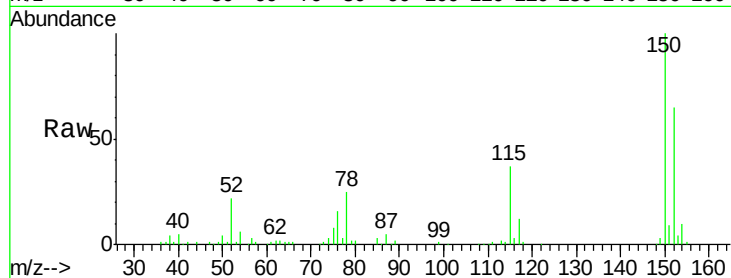
Acq: 05 May 2018 02:10

Tgt Ion: 75 Resp: 7591

Ion Ratio Lower Upper

75 100

77 38.4 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

