

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023647.D
 Acq On : 04 May 2018 22:44
 Operator : MD/SY
 Sample : J2630-07MSD
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: May 05 01:46:52 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	148462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146356	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64617	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49061	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	40073	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.27	63	93814	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	4.20	46	163989	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	4.65	84	95575	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	52797	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.34	84	187847	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.34	67	66856	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.57	98	156652	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.86	79	20059	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.32	63	130372	54.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.02%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	50685	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	63297	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

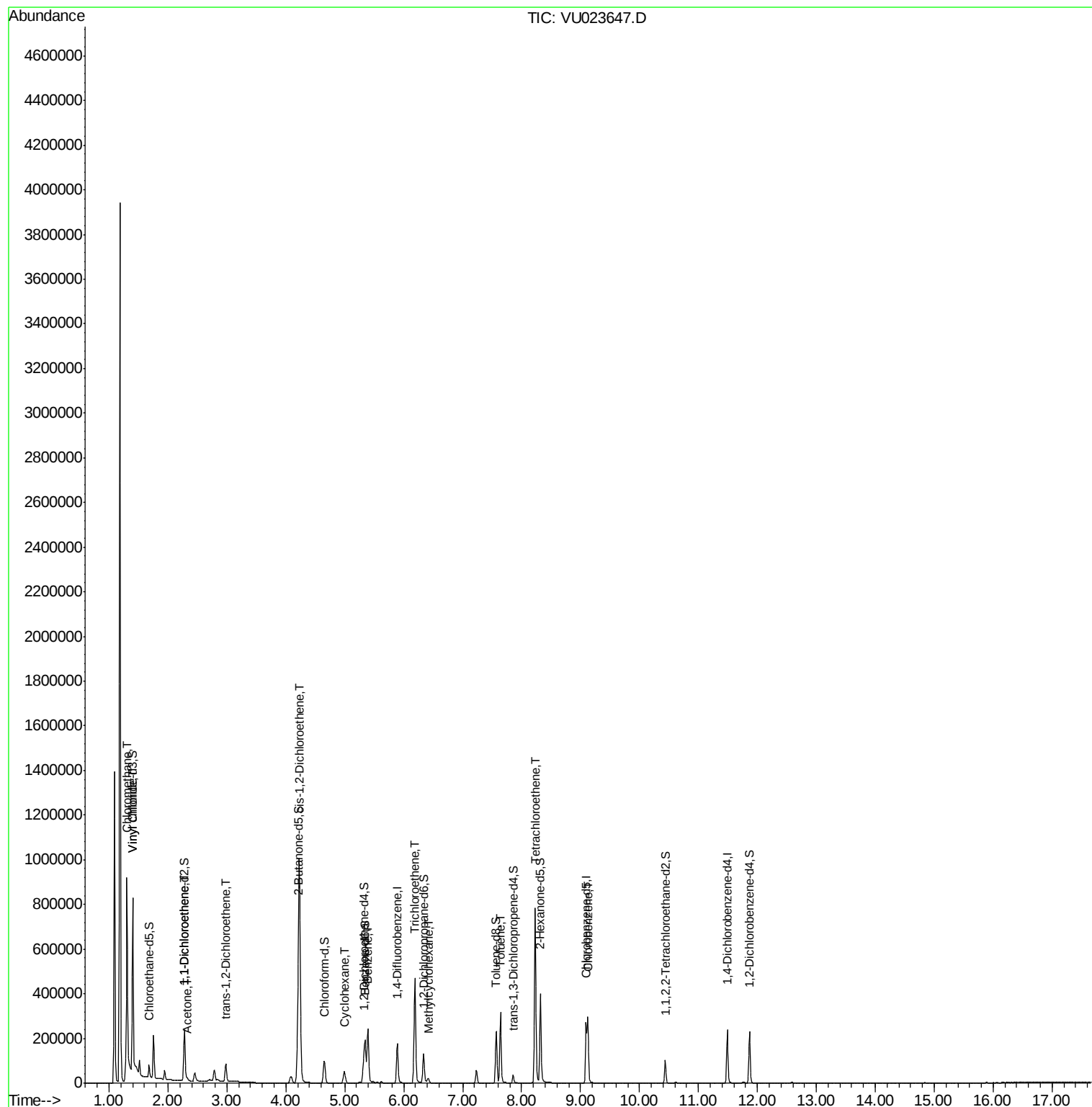
Target Compounds

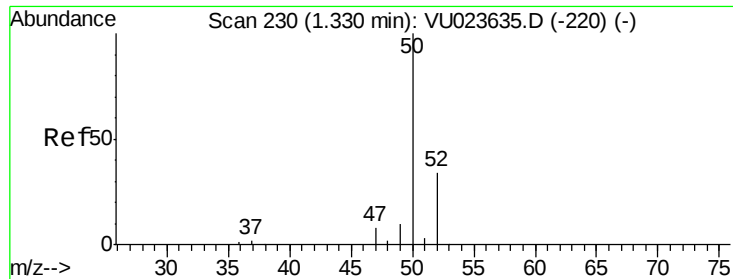
					Ovalue
3) Chloromethane	1.30	50	11150	0.73 ug/L	# 64
5) Vinyl chloride	1.40	62	53885	3.88 ug/L	# 1
12) 1,1-Dichloroethene	2.28	96	48364	5.53 ug/L	97
13) Acetone	2.33	43	13199	7.41 ug/L	94
18) trans-1,2-Dichloroethene	2.98	96	26027	2.69 ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	532037	46.34 ug/L	100
30) Cyclohexane	4.99	56	24180	1.35 ug/L	99
33) Benzene	5.39	78	241714	5.48 ug/L	100
34) Trichloroethene	6.19	95	166873	14.53 ug/L	99
35) Methylcyclohexane	6.42	83	7580	0.44 ug/L	90
42) Toluene	7.64	91	231414	5.15 ug/L	99
47) Tetrachloroethene	8.23	164	187106	20.57 ug/L	99
51) Chlorobenzene	9.12	112	154457	5.24 ug/L	99

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

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QLast Update : Sat May 05 01:17:03 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.73 ug/L

RT: 1.30 min Scan# 222

Delta R.T. -0.03 min

Lab File: VU023647.D

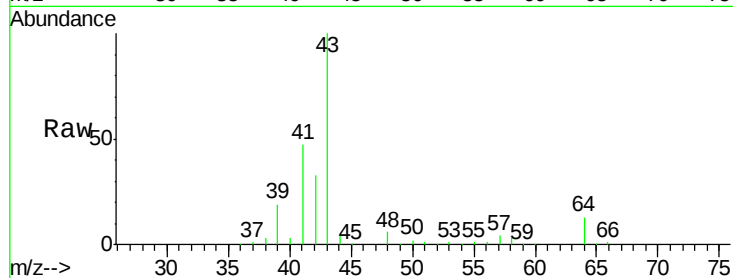
Acq: 04 May 2018 22:44

Tot Ion: 50 Resp: 11150

Ion Ratio Lower Upper

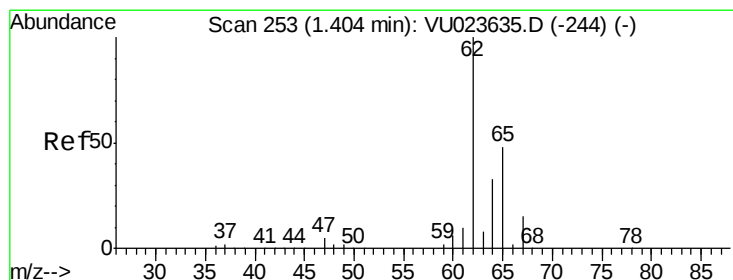
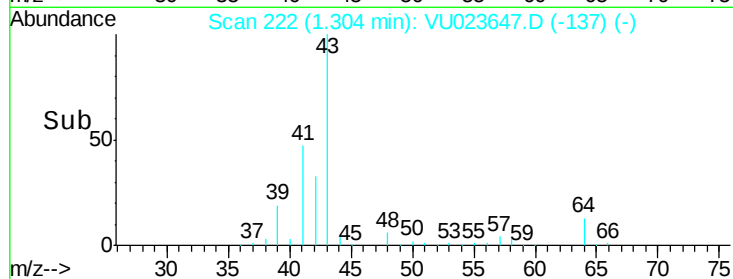
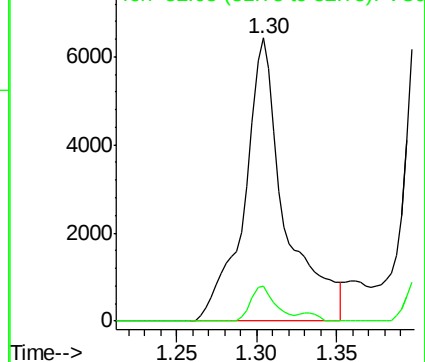
50 100

52 12.3 22.8 42.4#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 3.88 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023647.D

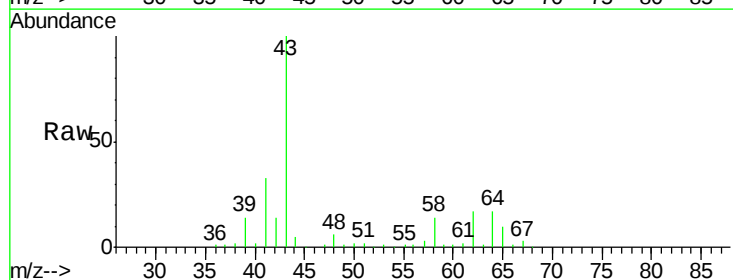
Acq: 04 May 2018 22:44

Tgt Ion: 62 Resp: 53885

Ion Ratio Lower Upper

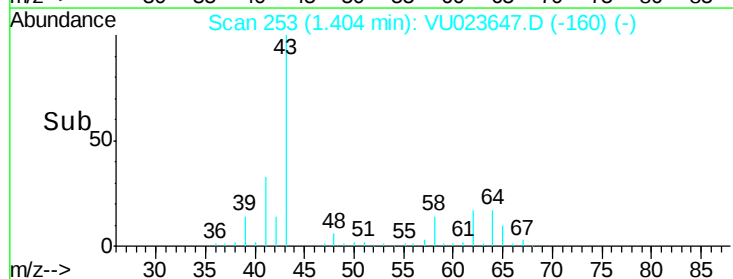
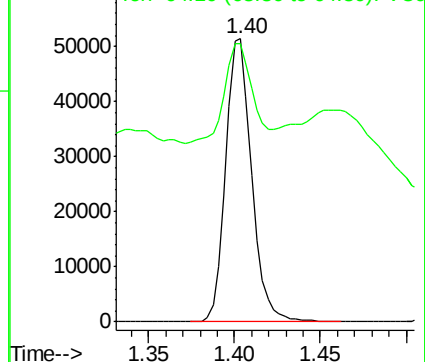
62 100

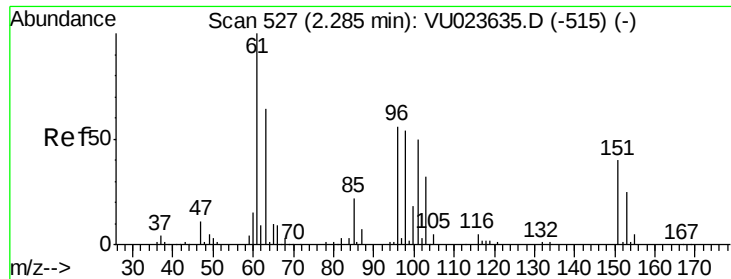
64 98.3 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

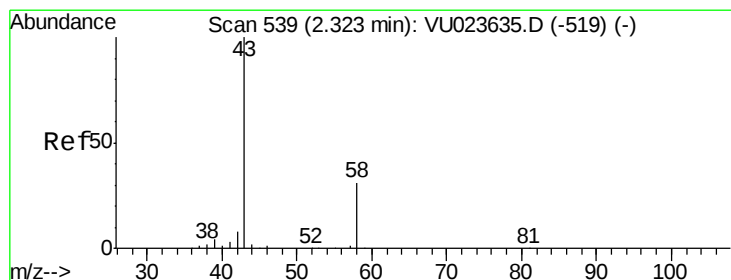
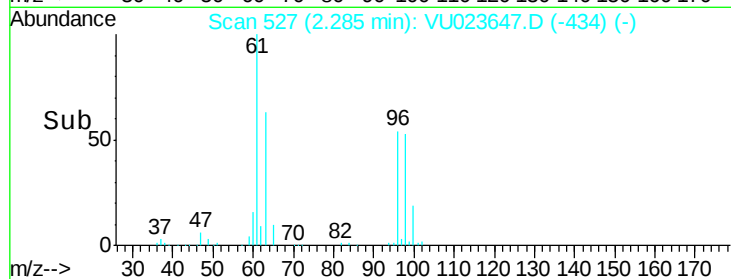
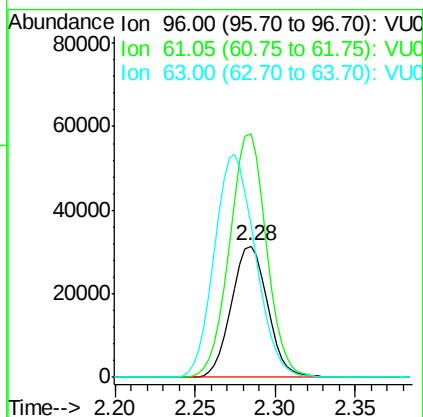
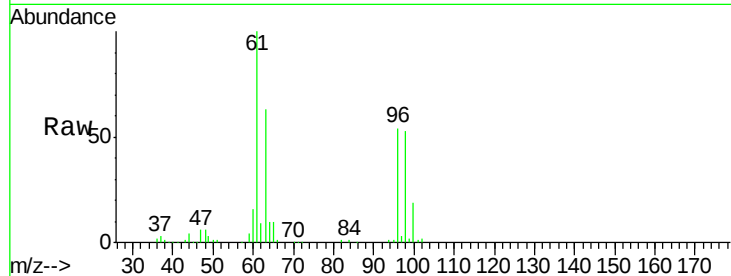
Ion 64.10 (63.80 to 64.80): VU0





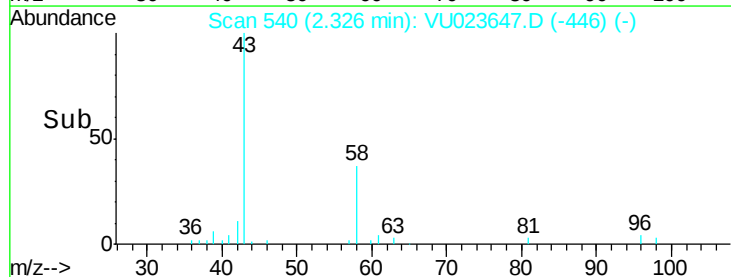
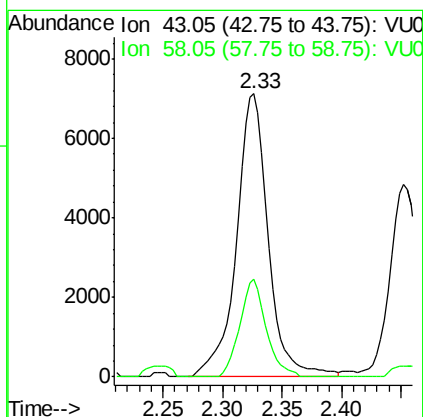
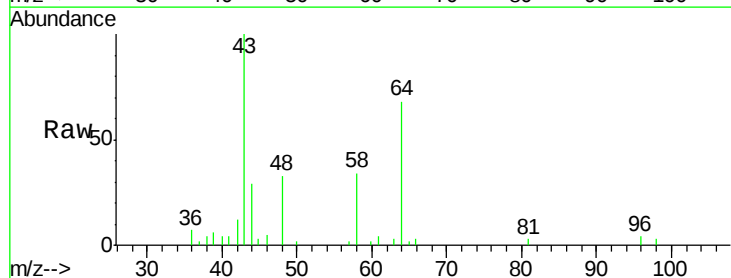
#12
 1,1-Dichloroethene
 Concen: 5.53 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU023647.D
 Acq: 04 May 2018 22:44

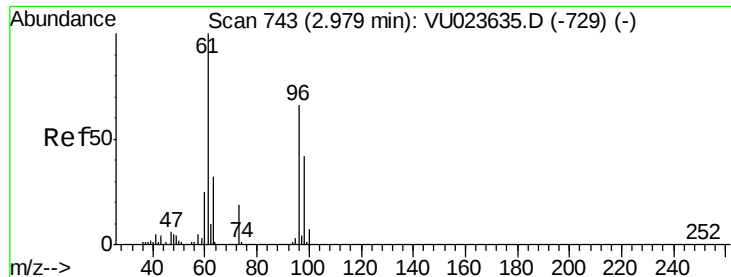
Tot Ion:	96	Resp:	48364
Ion	Ratio	Lower	Upper
96	100		
61	185.1	127.4	236.6
63	115.7	84.8	157.4



#13
 Acetone
 Concen: 7.41 ug/L
 RT: 2.33 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VU023647.D
 Acq: 04 May 2018 22:44

Tgt Ion:	43	Resp:	13199
Ion	Ratio	Lower	Upper
43	100		
58	28.5	0.0	63.8





#18

trans-1,2-Dichloroethene

Concen: 2.69 ug/L

RT: 2.98 min Scan# 743

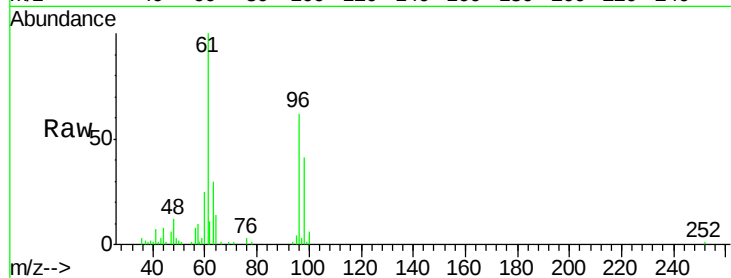
Delta R.T. -0.00 min

Lab File: VU023647.D

Acq: 04 May 2018 22:44

Tot Ion: 96 Resp: 26027

Ion	Ratio	Lower	Upper
96	100		
61	160.3	109.0	202.4
98	65.1	44.7	83.1

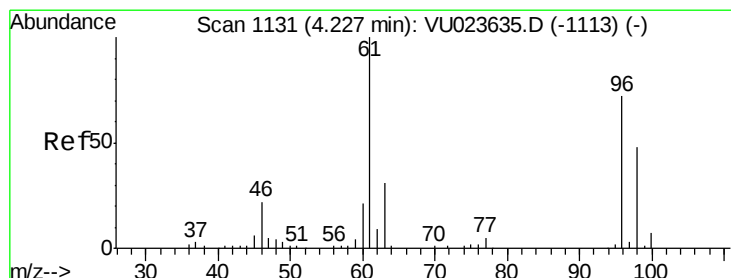
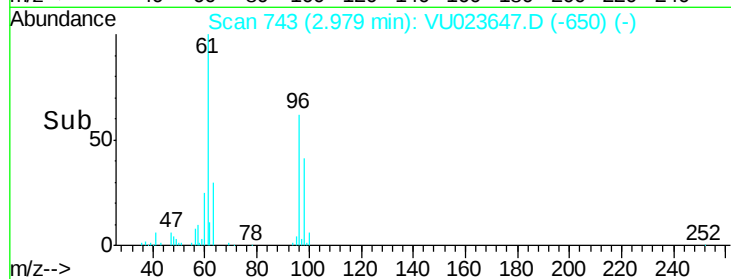
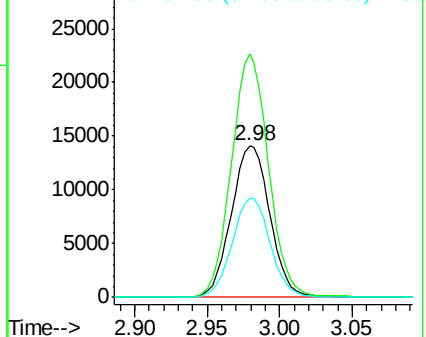


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 46.34 ug/L

RT: 4.23 min Scan# 1131

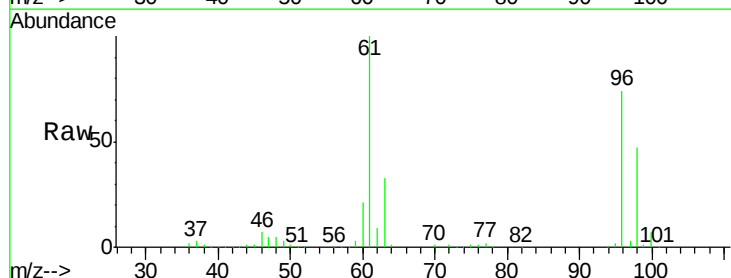
Delta R.T. -0.00 min

Lab File: VU023647.D

Acq: 04 May 2018 22:44

Tgt Ion: 96 Resp: 532037

Ion	Ratio	Lower	Upper
96	100		
61	134.9	94.6	175.6
68	0.0	0.0	0.0

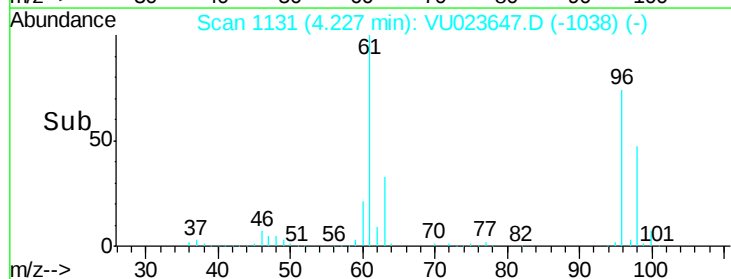
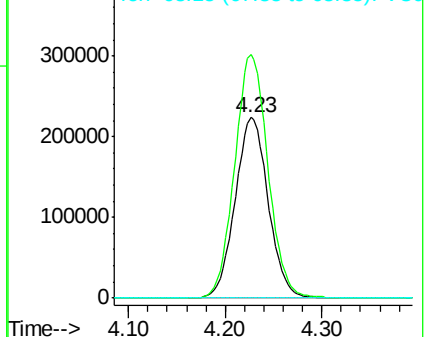


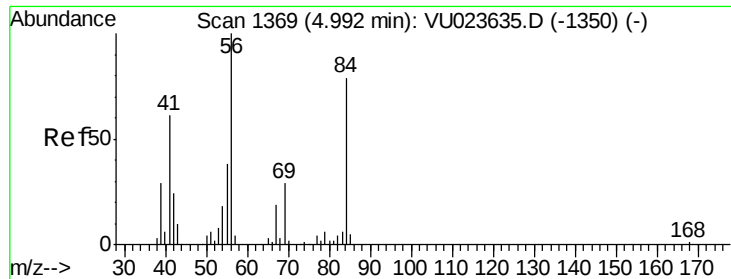
Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

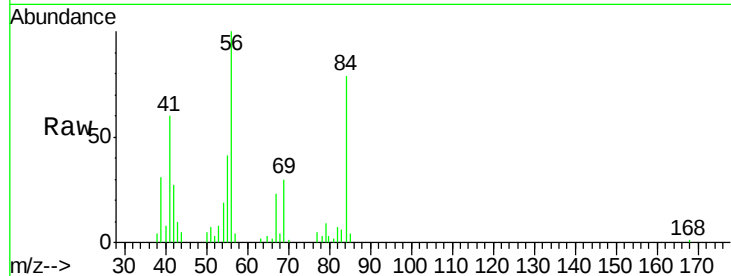
Ion 68.15 (67.85 to 68.85): VU0



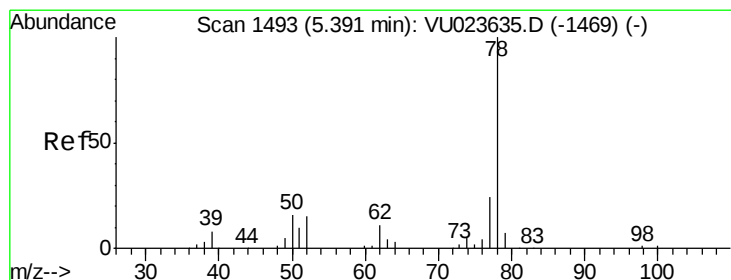
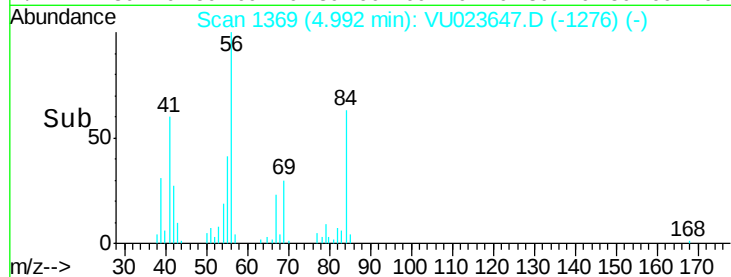
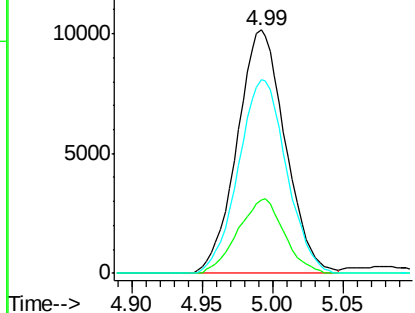


#30
Cyclohexane
Concen: 1.35 ug/L
RT: 4.99 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VU023647.D
Acq: 04 May 2018 22:44

Tot Ion: 56 Resp: 24180
Ion Ratio Lower Upper
56 100
69 29.3 23.6 35.4
84 79.3 64.4 96.6

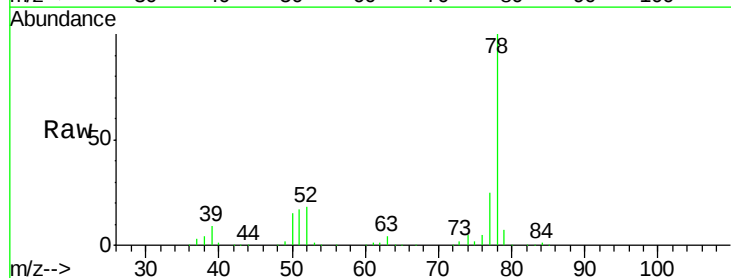


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

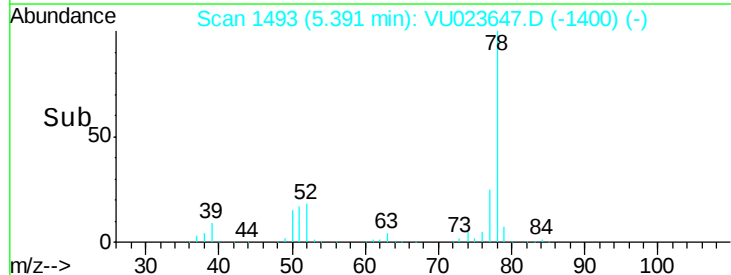
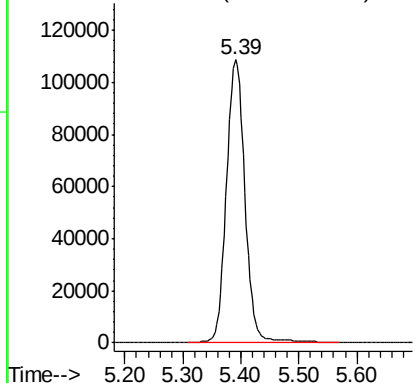


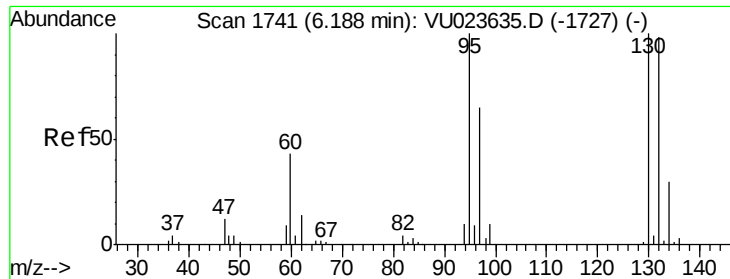
#33
Benzene
Concen: 5.48 ug/L
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU023647.D
Acq: 04 May 2018 22:44

Tgt Ion: 78 Resp: 241714



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 14.53 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023647.D

Acq: 04 May 2018 22:44

Tot Ion: 95 Resp: 166873

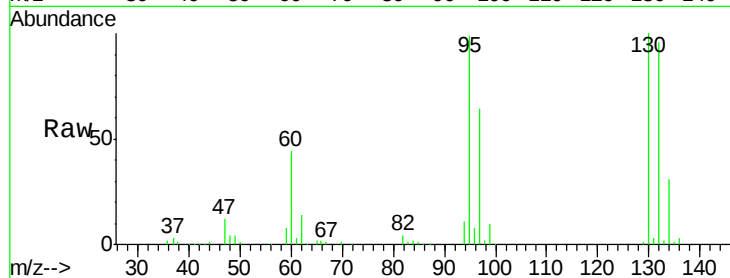
Ion Ratio Lower Upper

95 100

97 64.9 46.0 85.4

132 97.5 68.1 126.5

130 101.1 70.1 130.1

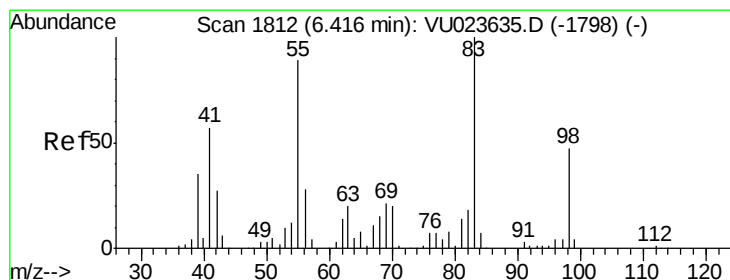
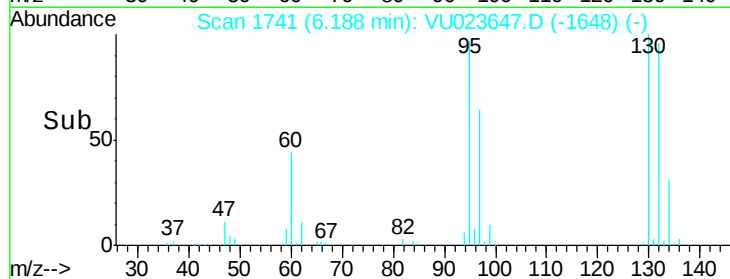
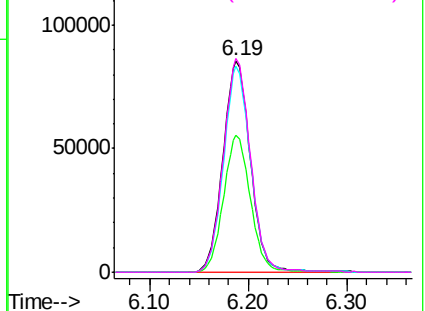


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.44 ug/L

RT: 6.42 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VU023647.D

Acq: 04 May 2018 22:44

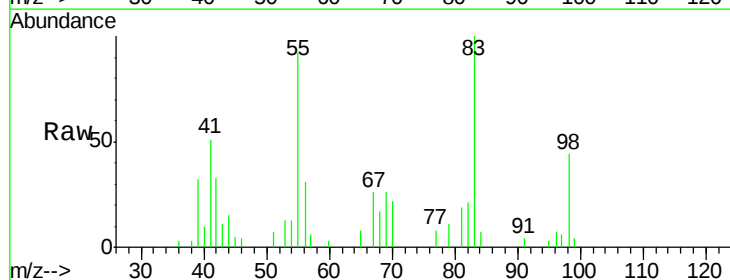
Tgt Ion: 83 Resp: 7580

Ion Ratio Lower Upper

83 100

55 96.9 68.4 102.6

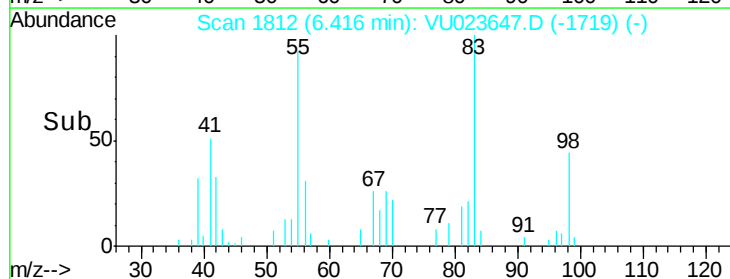
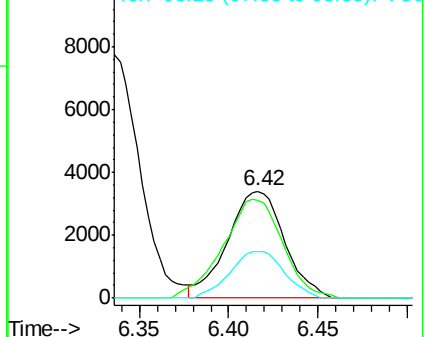
98 42.0 36.7 55.1

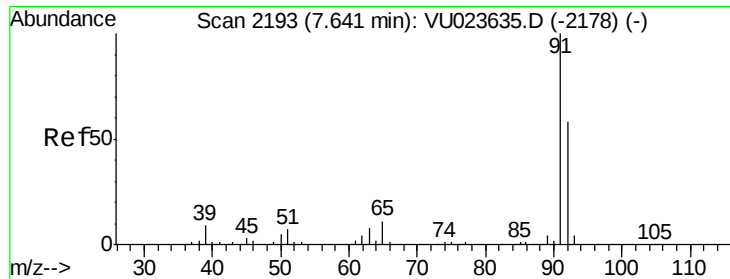


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#42

Toluene

Concen: 5.15 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023647.D

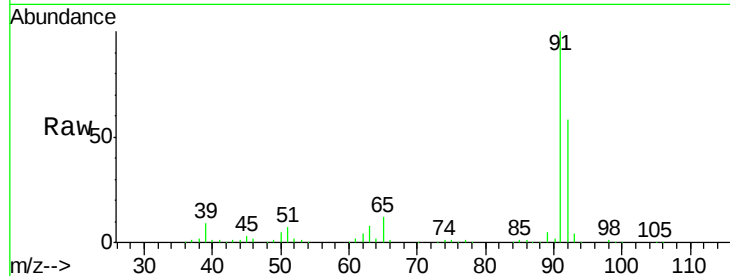
Acq: 04 May 2018 22:44

Tot Ion: 91 Resp: 231414

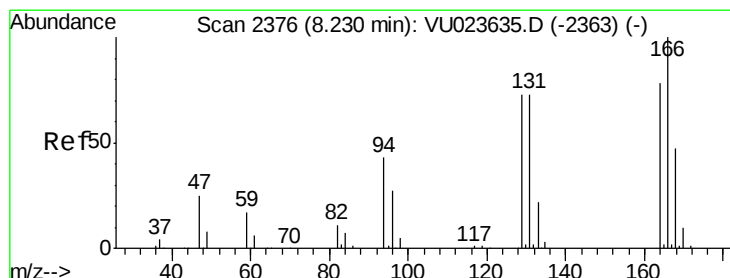
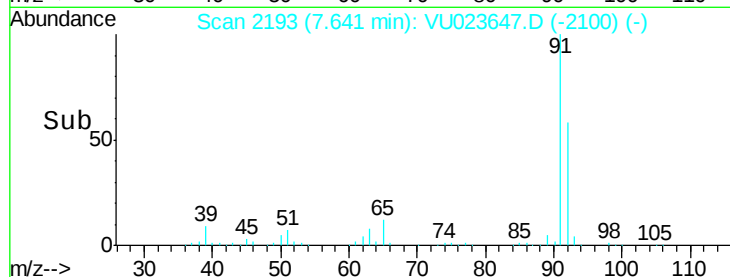
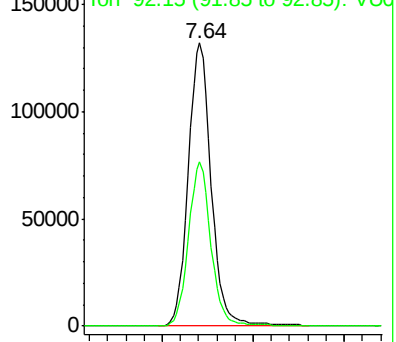
Ion Ratio Lower Upper

91 100

92 57.9 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU023647.D (-2100) (-)



#47

Tetrachloroethene

Concen: 20.57 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023647.D

Acq: 04 May 2018 22:44

Tgt Ion: 164 Resp: 187106

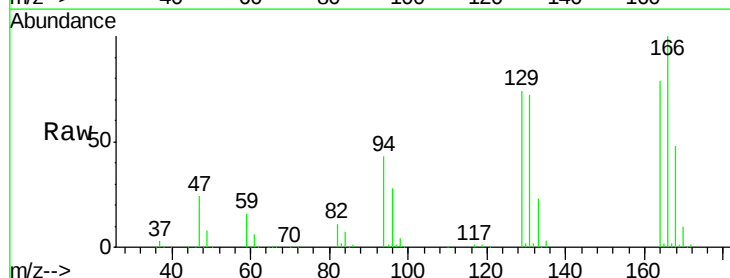
Ion Ratio Lower Upper

164 100

129 93.9 64.4 119.6

131 91.5 63.9 118.7

166 126.7 90.0 167.2

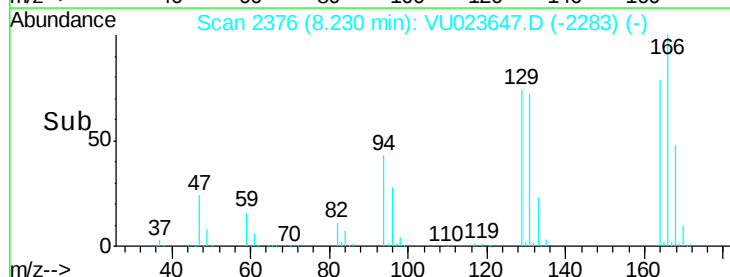
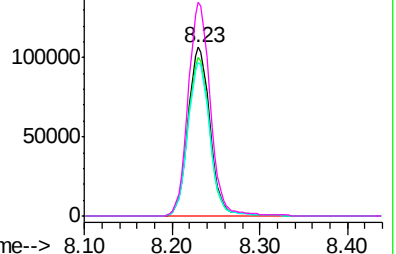


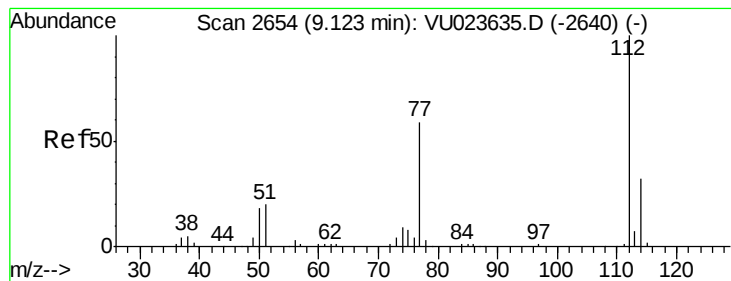
Abundance Ion 163.90 (163.60 to 164.60): VU023647.D (-2283) (-)

Ion 128.95 (128.65 to 129.65): VU023647.D (-2283) (-)

Ion 130.95 (130.65 to 131.65): VU023647.D (-2283) (-)

Ion 165.90 (165.60 to 166.60): VU023647.D (-2283) (-)





#51
 Chlorobenzene
 Concen: 5.24 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. -0.00 min
 Lab File: VU023647.D
 Acq: 04 May 2018 22:44

Tot Ion:112	Resp:	154457
Ion Ratio	Lower	Upper
112	100	
114	32.4	22.3 41.3
77	60.3	48.8 73.2

