

Data File : VU023564.D
Acq On : 01 May 2018 19:49
Operator : MD/SY
Sample : J2621-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 02 03:16:53 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 02 03:12:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	367606	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	346224	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	168666	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	102678	39.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.82%
7) Chloroethane-d5	1.68	69	82386	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.98%
11) 1,1-Dichloroethene-d2	2.27	63	152770	30.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.14%
21) 2-Butanone-d5	4.18	46	199805	111.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.00%
24) Chloroform-d	4.65	84	198542	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.31	65	134569	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
32) Benzene-d6	5.35	84	417112	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.34	67	144274	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.74%
41) Toluene-d8	7.57	98	376149	43.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.84%
43) trans-1,3-Dichloropropene-	7.85	79	60515	45.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.36%
47) 2-Hexanone-d5	8.31	63	148396	125.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.59%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192494	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	11.87	152	152853	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%

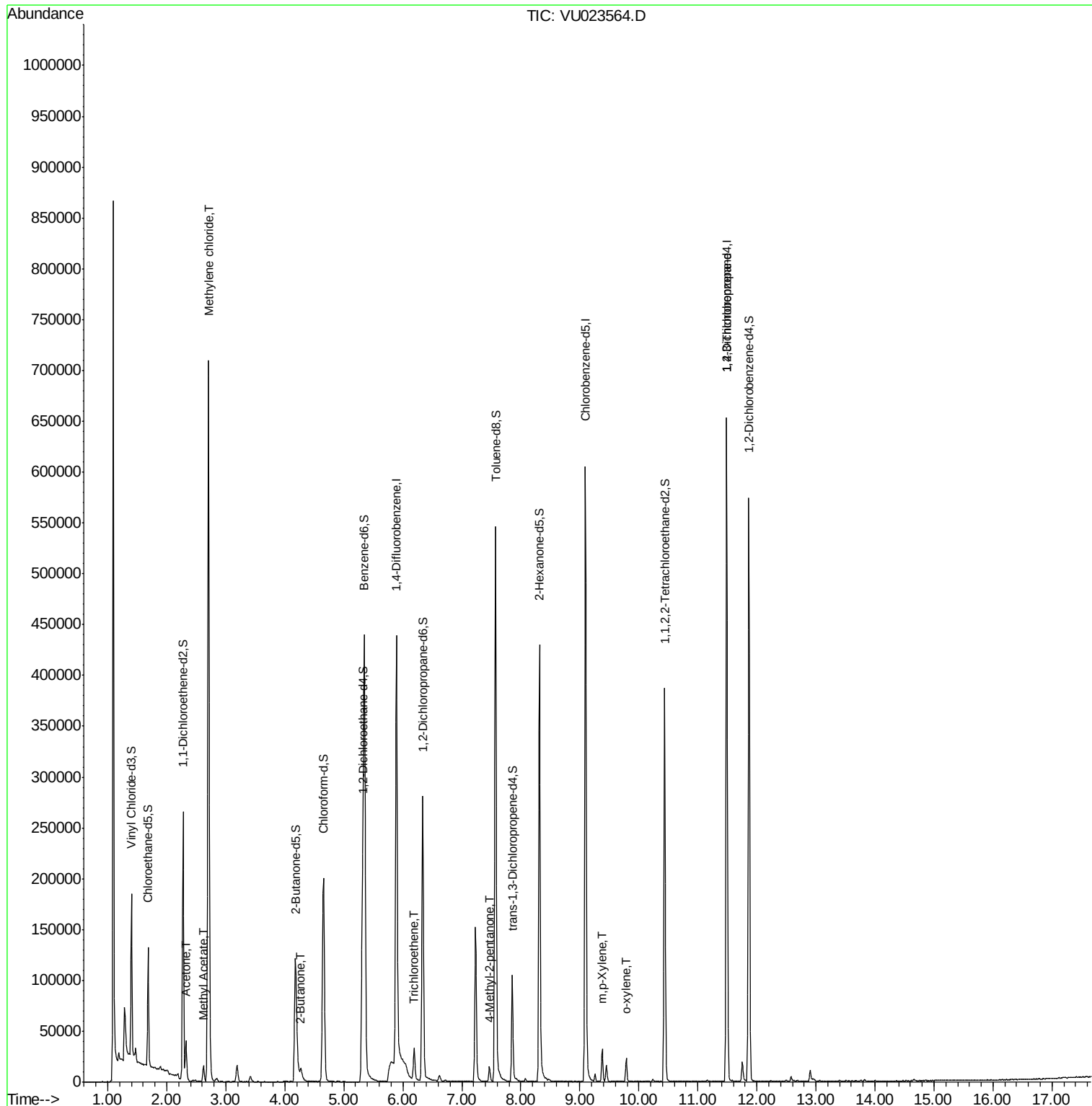
Target Compounds

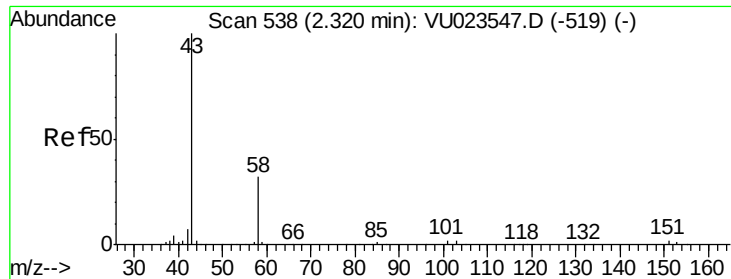
						Qvalue
13) Acetone	2.33	43	39712	14.85	ug/L	98
15) Methyl Acetate	2.62	43	19508	5.51	ug/L	99
16) Methylene chloride	2.71	84	312968	93.46	ug/L	99
22) 2-Butanone	4.27	43	18770	6.31	ug/L	97
34) Trichloroethene	6.19	95	11170	3.57	ug/L	96
40) 4-Methyl-2-pentanone	7.47	43	10330	2.42	ug/L	96
53) m,p-Xylene	9.38	106	9188	1.76	ug/L	92
54) o-xylene	9.78	106	6141	1.24	ug/L	95
59) 1,2,3-Trichloropropane	11.49	75	20725	5.37	ug/L	93

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

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Quant Title : VOC Analysis
QLast Update : Wed May 02 03:12:05 2018
Response via : Initial Calibration





#13

Acetone

Concen: 14.85 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU023564.D

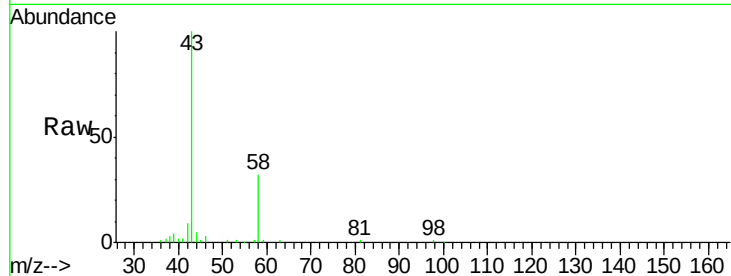
Acq: 01 May 2018 19:49

Tgt Ion: 43 Resp: 39712

Ion Ratio Lower Upper

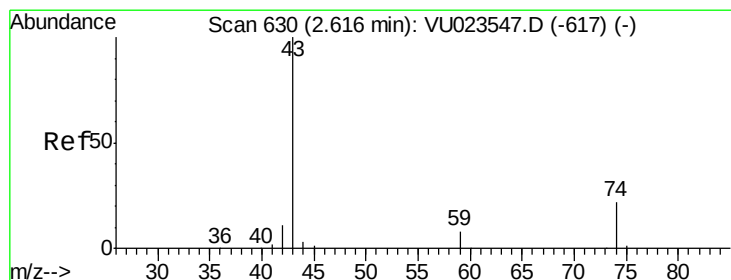
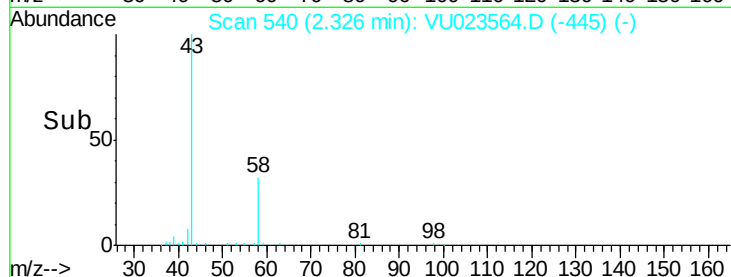
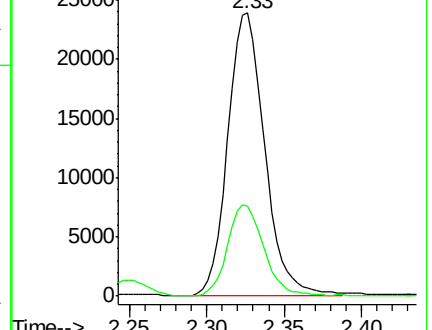
43 100

58 31.5 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 5.51 ug/L

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU023564.D

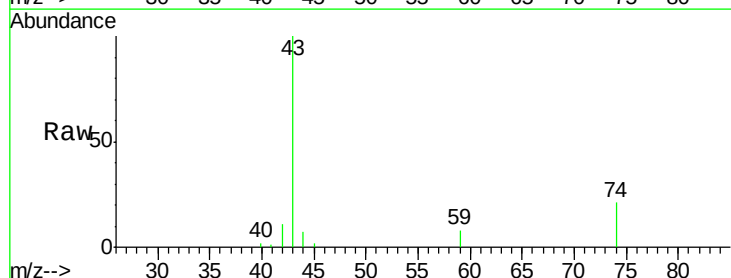
Acq: 01 May 2018 19:49

Tgt Ion: 43 Resp: 19508

Ion Ratio Lower Upper

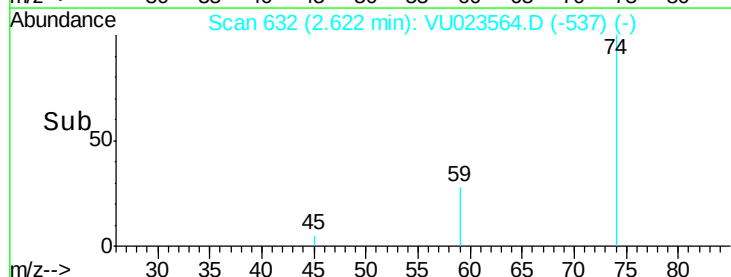
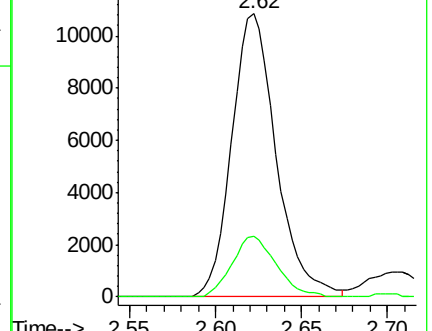
43 100

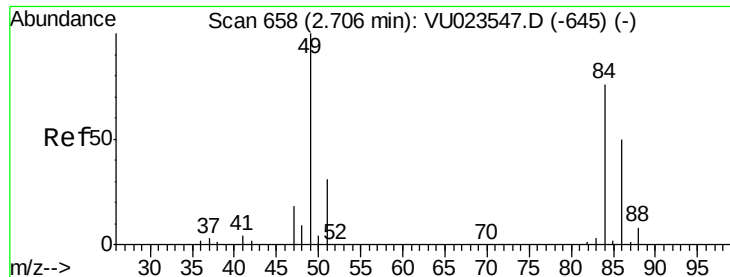
74 21.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

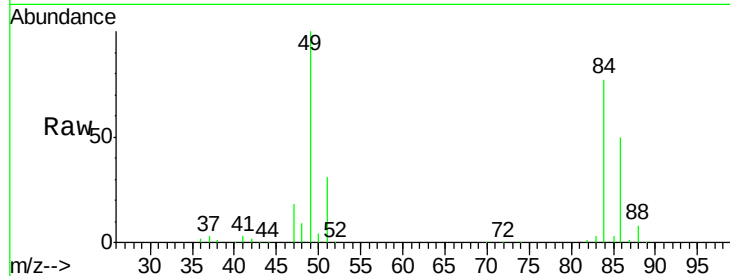
Ion 74.00 (73.70 to 74.70): VU0



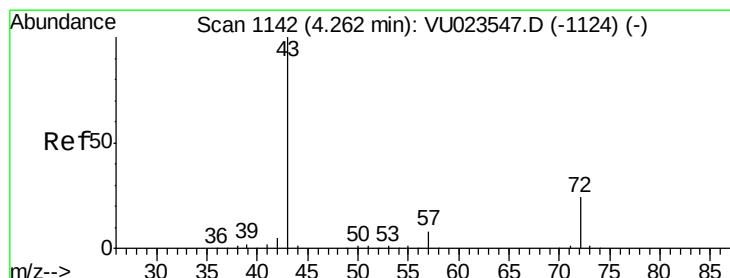
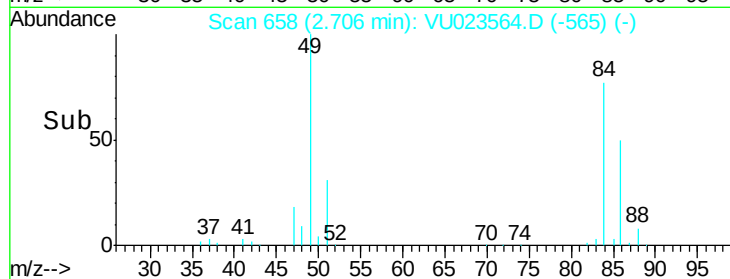
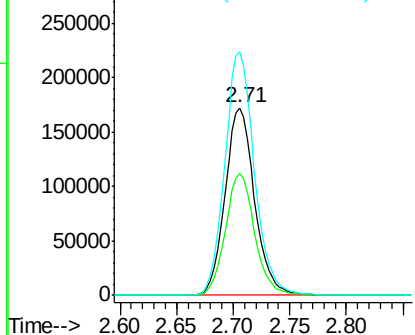


#16
Methylene chloride
Concen: 93.46 ug/L
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU023564.D
Acq: 01 May 2018 19:49

Tgt Ion: 84 Resp: 312968
Ion Ratio Lower Upper
84 100
86 65.0 45.6 84.8
49 130.0 91.9 170.7

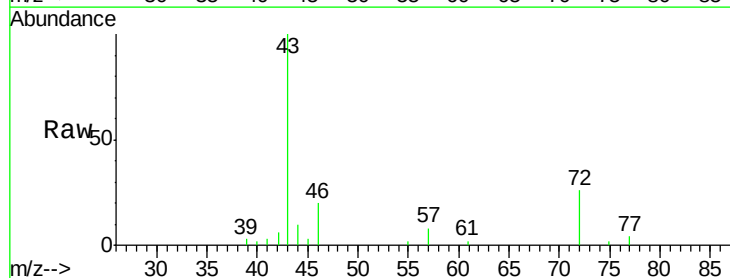


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

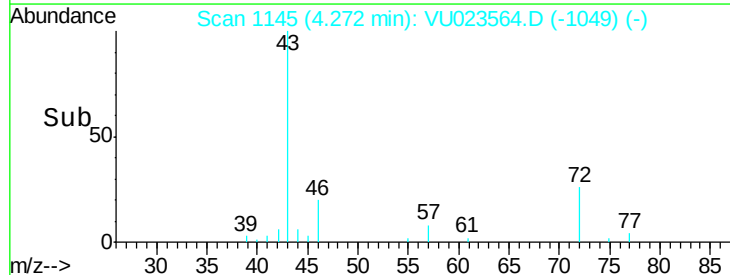
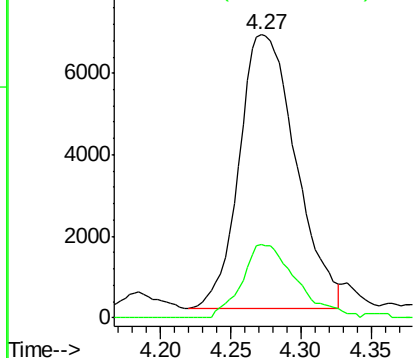


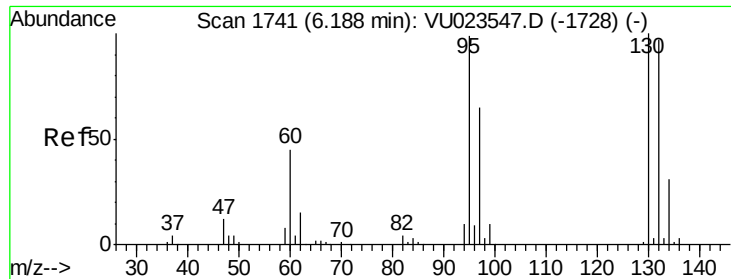
#22
2-Butanone
Concen: 6.31 ug/L
RT: 4.27 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VU023564.D
Acq: 01 May 2018 19:49

Tgt Ion: 43 Resp: 18770
Ion Ratio Lower Upper
43 100
72 25.8 12.3 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0





#34

Trichloroethene

Concen: 3.57 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023564.D

Acq: 01 May 2018 19:49

Tgt Ion: 95 Resp: 11170

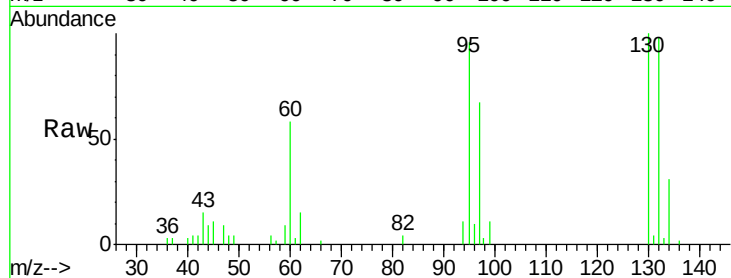
Ion Ratio Lower Upper

95 100

97 69.7 46.3 85.9

132 102.2 68.5 127.1

130 104.1 70.8 131.4

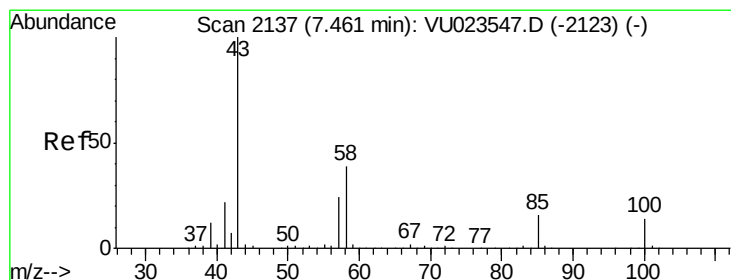
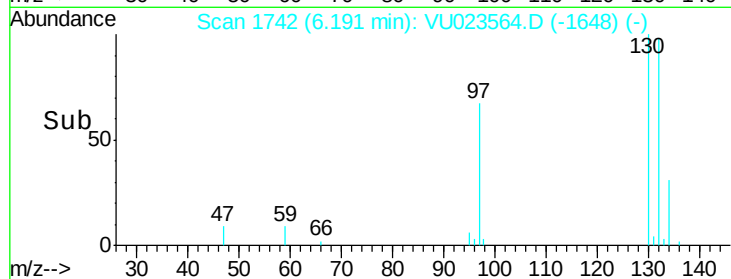
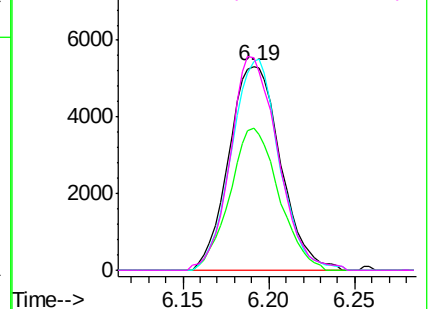


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

4-Methyl-2-pentanone

Concen: 2.42 ug/L

RT: 7.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VU023564.D

Acq: 01 May 2018 19:49

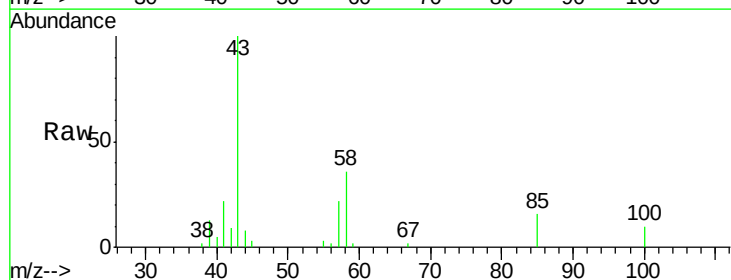
Tgt Ion: 43 Resp: 10330

Ion Ratio Lower Upper

43 100

58 36.4 30.8 46.2

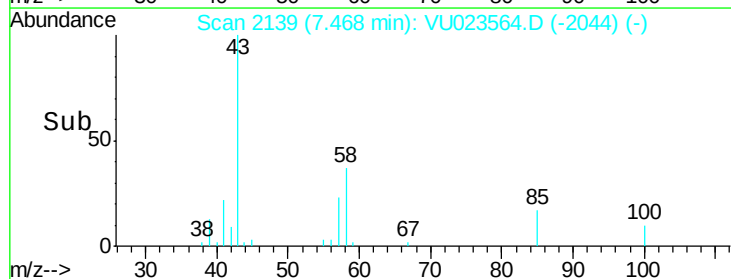
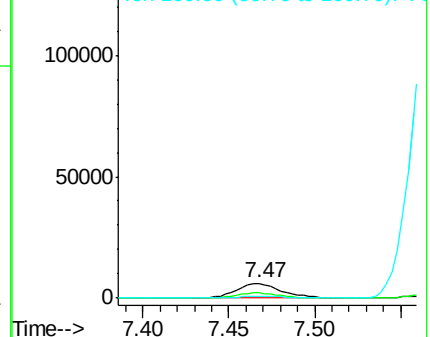
100 11.2 10.7 16.1

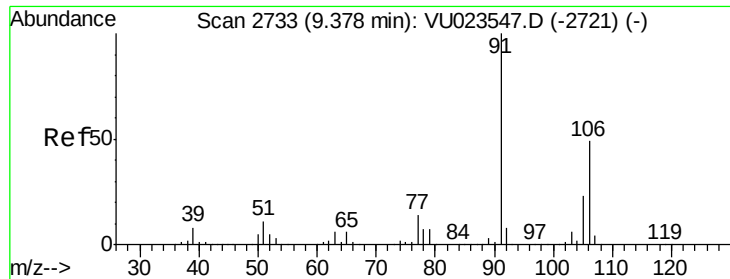


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

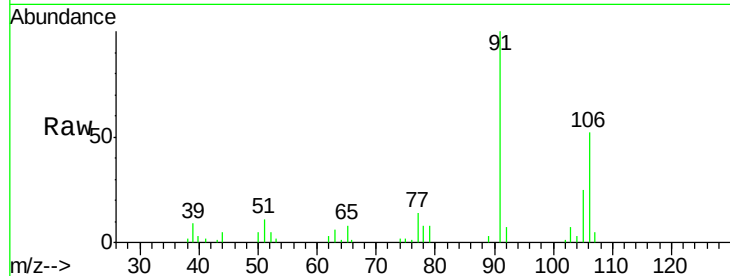
Ion 100.00 (99.70 to 100.70): VU0



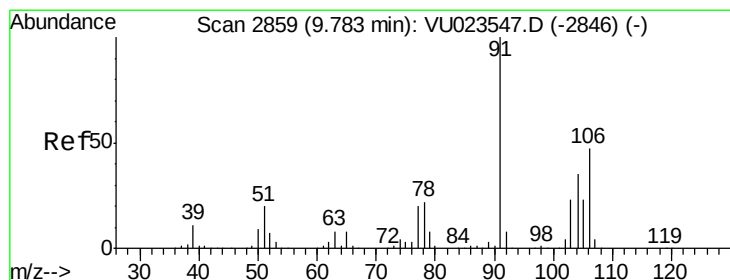
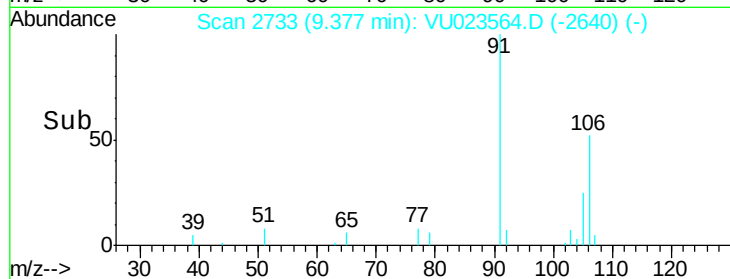
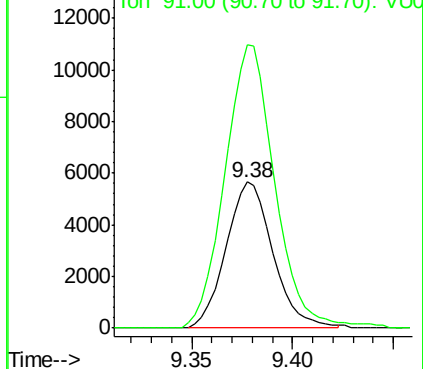


#53
m,p-Xylene
Concen: 1.76 ug/L
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU023564.D
Acq: 01 May 2018 19:49

Tgt Ion:106 Resp: 9188
Ion Ratio Lower Upper
106 100
91 194.2 144.1 267.5

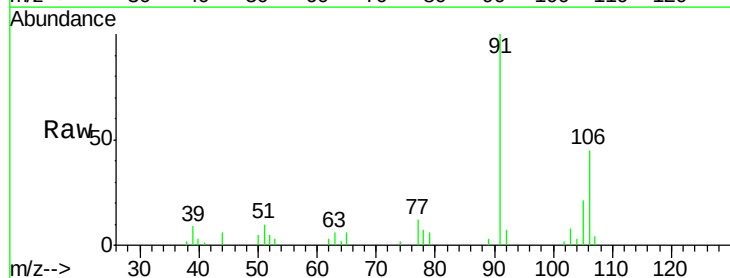


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

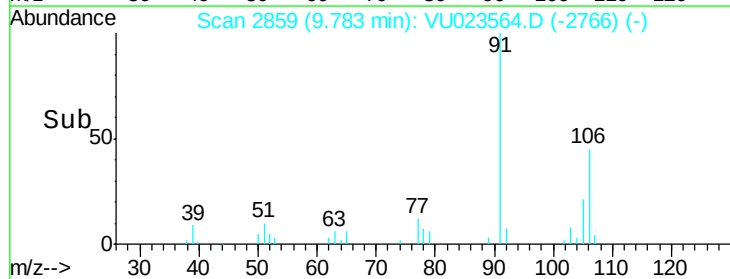
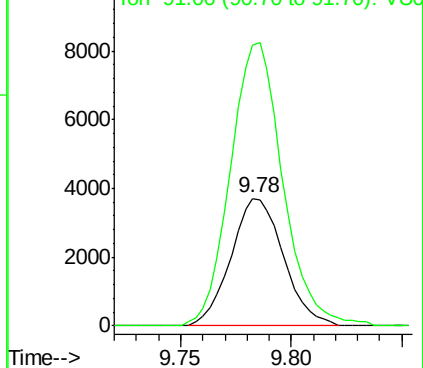


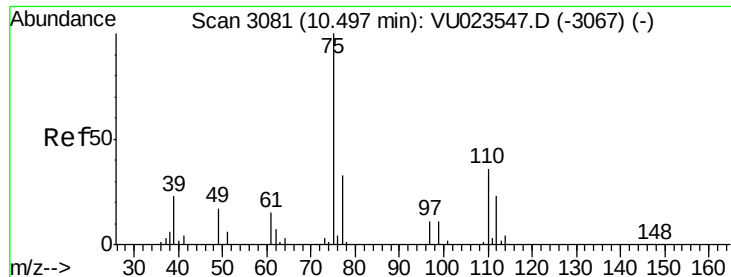
#54
o-xylene
Concen: 1.24 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023564.D
Acq: 01 May 2018 19:49

Tgt Ion:106 Resp: 6141
Ion Ratio Lower Upper
106 100
91 220.7 148.9 276.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.37 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023564.D

Acq: 01 May 2018 19:49

Tgt Ion: 75 Resp: 20725

Ion Ratio Lower Upper

75 100

77 36.2 25.9 38.9

