

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050218\
 Data File : VU023583.D
 Acq On : 02 May 2018 16:59
 Operator : MD/SY
 Sample : J2621-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 03 05:28:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 03 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	313672	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	281118	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	130897	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92542	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.26%
7) Chloroethane-d5	1.68	69	75576	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.27	63	128238	29.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.18%#
21) 2-Butanone-d5	4.18	46	208238	135.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.57%#
24) Chloroform-d	4.65	84	182793	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	5.31	65	127152	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
32) Benzene-d6	5.35	84	361081	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
36) 1,2-Dichloropropane-d6	6.34	67	132639	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.00%
41) Toluene-d8	7.57	98	303844	43.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.85	79	51090	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.96%
47) 2-Hexanone-d5	8.31	63	151685	158.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	158.11%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	188473	57.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.36%
64) 1,2-Dichlorobenzene-d4	11.87	152	127805	50.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.10%

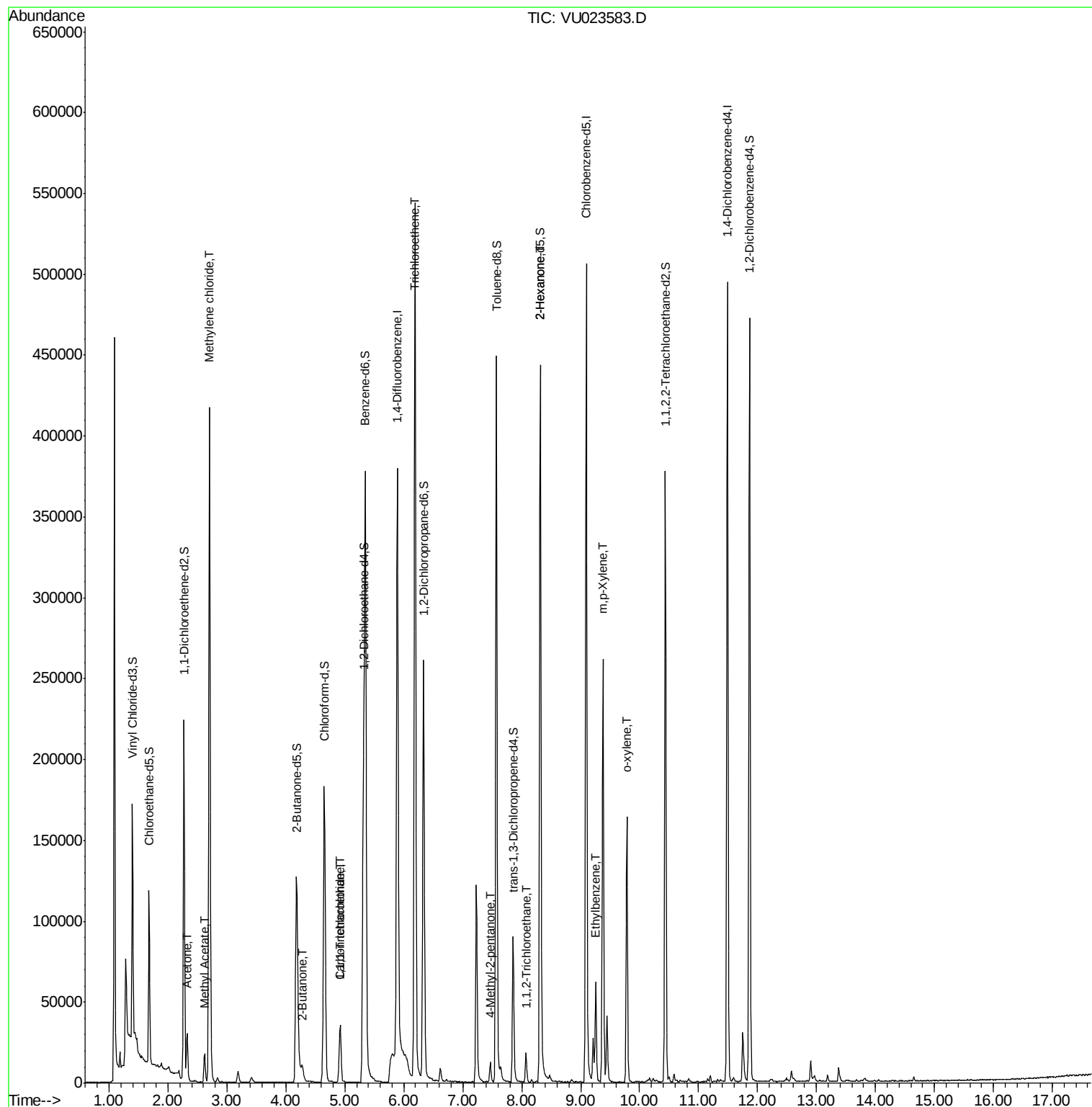
Target Compounds

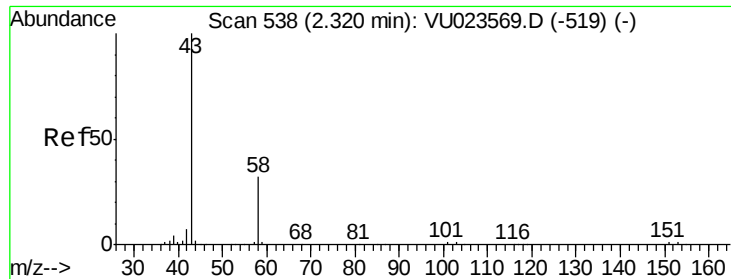
						Qvalue
13) Acetone	2.32	43	29099	12.75	ug/L	100
15) Methyl Acetate	2.62	43	21851	7.23	ug/L	97
16) Methylene chloride	2.70	84	181240	63.43	ug/L	100
22) 2-Butanone	4.28	43	15804	6.23	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	27405	7.70	ug/L	100
31) Carbon tetrachloride	4.92	117	3714	1.20	ug/L	96
34) Trichloroethene	6.19	95	193805	76.36	ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	8962	2.59	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	5918	2.45	ug/L	93
48) 2-Hexanone	8.31	43	18762	6.21	ug/L	# 67
52) Ethylbenzene	9.26	91	43159	3.88	ug/L	98
53) m,p-Xylene	9.38	106	73897	17.41	ug/L	100
54) o-xylene	9.78	106	43827	10.90	ug/L	97

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

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QLast Update : Thu May 03 05:16:38 2018
Response via : Initial Calibration





#13

Acetone

Concen: 12.75 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU023583.D

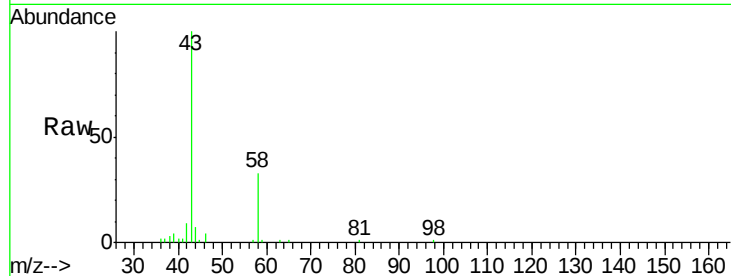
Acq: 02 May 2018 16:59

Tgt Ion: 43 Resp: 29099

Ion Ratio Lower Upper

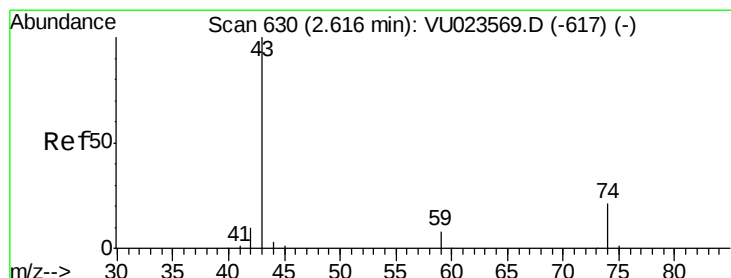
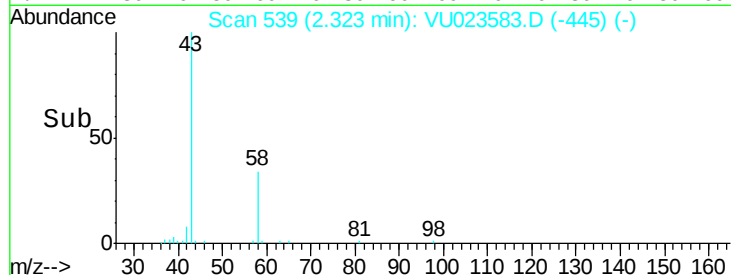
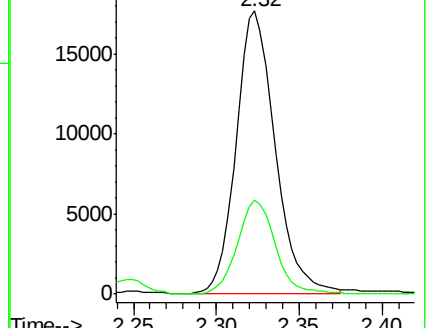
43 100

58 32.2 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU023569.D (-519) (-)

Ion 58.00 (57.70 to 58.70): VU023569.D (-519) (-)



#15

Methyl Acetate

Concen: 7.23 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU023583.D

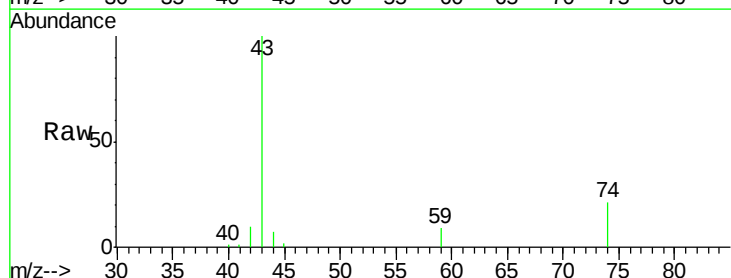
Acq: 02 May 2018 16:59

Tgt Ion: 43 Resp: 21851

Ion Ratio Lower Upper

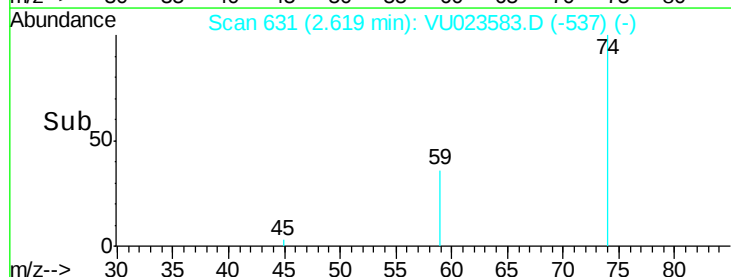
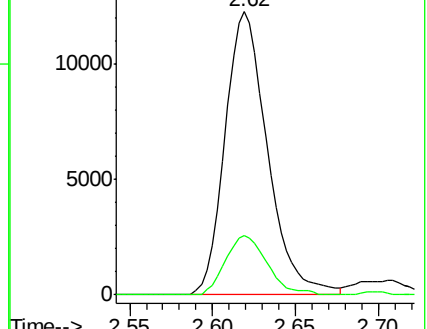
43 100

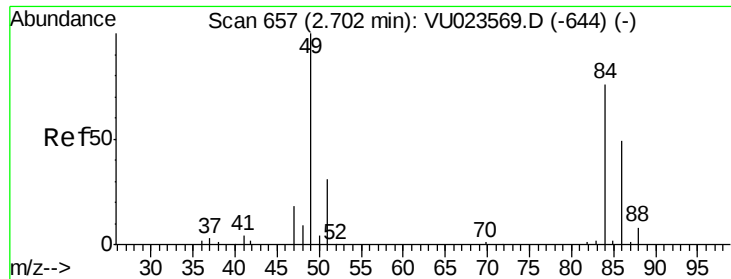
74 20.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VU023569.D (-617) (-)

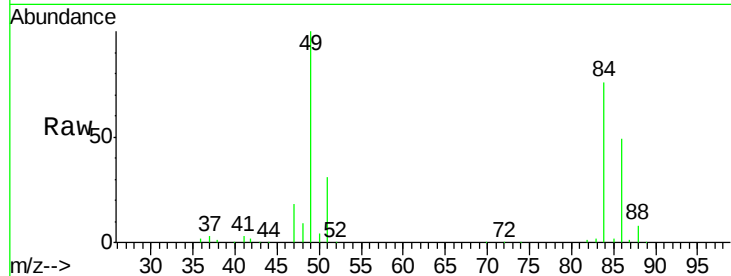
Ion 74.00 (73.70 to 74.70): VU023569.D (-617) (-)



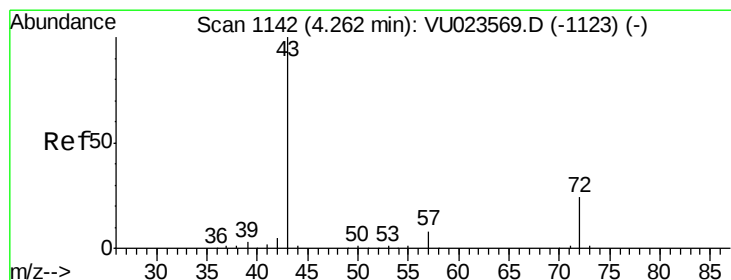
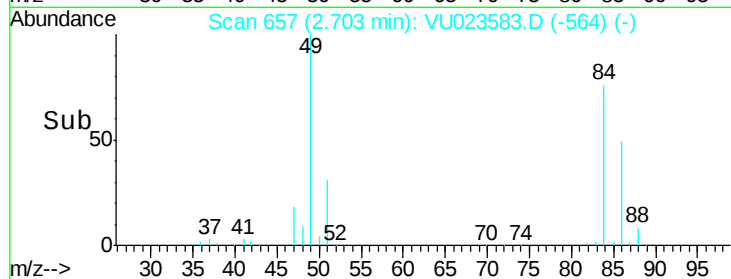
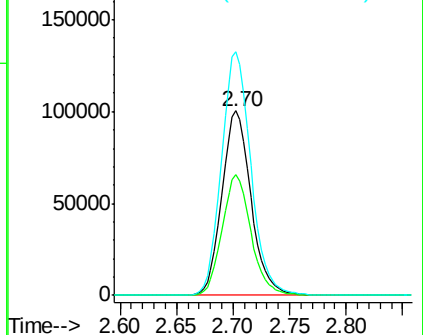


#16
Methylene chloride
Concen: 63.43 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU023583.D
Acq: 02 May 2018 16:59

Tgt Ion: 84 Resp: 181240
Ion Ratio Lower Upper
84 100
86 65.3 45.6 84.8
49 132.0 91.9 170.7

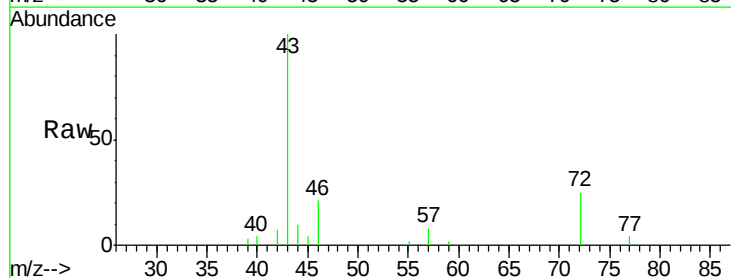


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

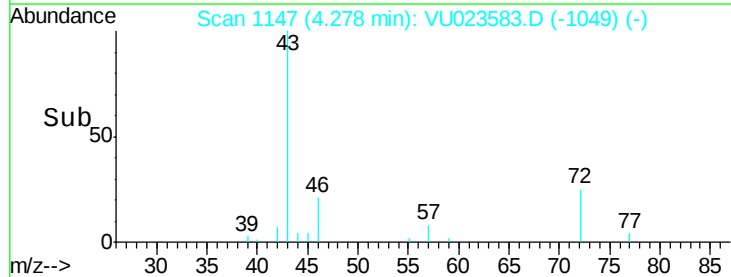
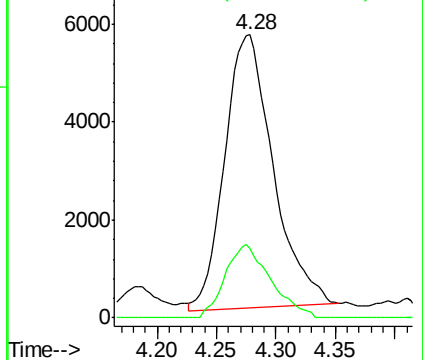


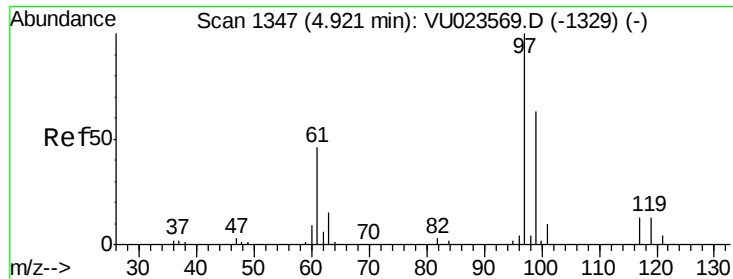
#22
2-Butanone
Concen: 6.23 ug/L
RT: 4.28 min Scan# 1147
Delta R.T. 0.02 min
Lab File: VU023583.D
Acq: 02 May 2018 16:59

Tgt Ion: 43 Resp: 15804
Ion Ratio Lower Upper
43 100
72 25.0 12.3 36.8



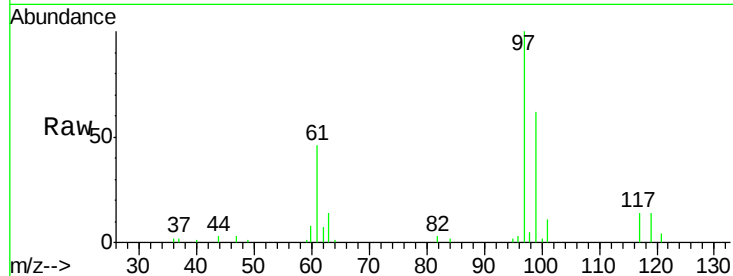
Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0



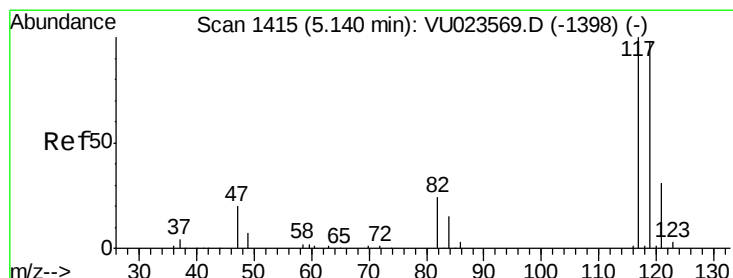
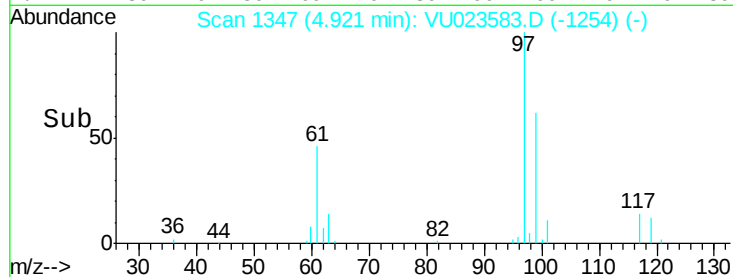
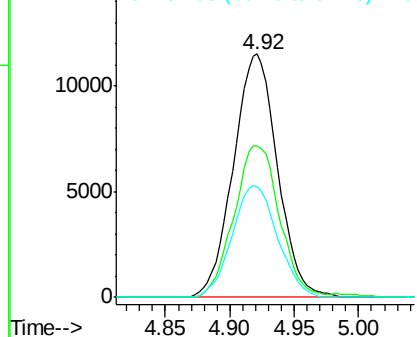


#30
 1,1,1-Trichloroethane
 Concen: 7.70 ug/L
 RT: 4.92 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VU023583.D
 Acq: 02 May 2018 16:59

Tgt Ion: 97 Resp: 27405
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.8 77.6
 61 47.2 37.7 56.5

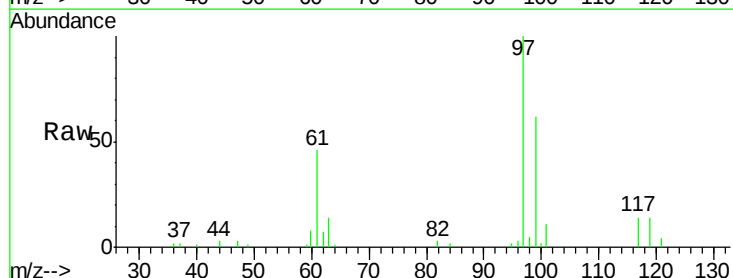


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

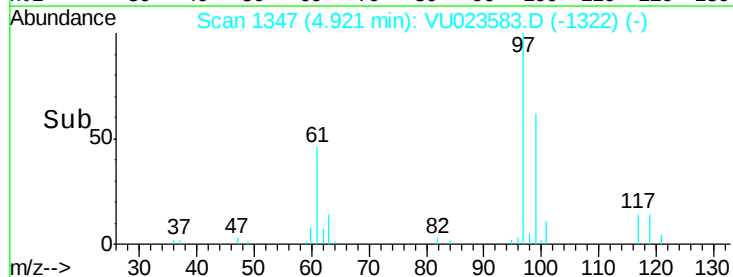
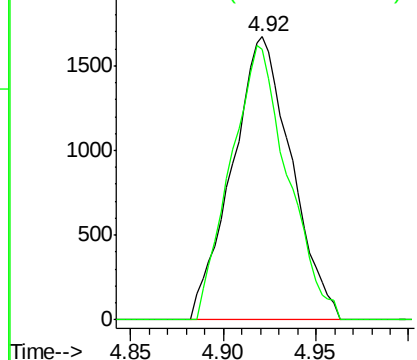


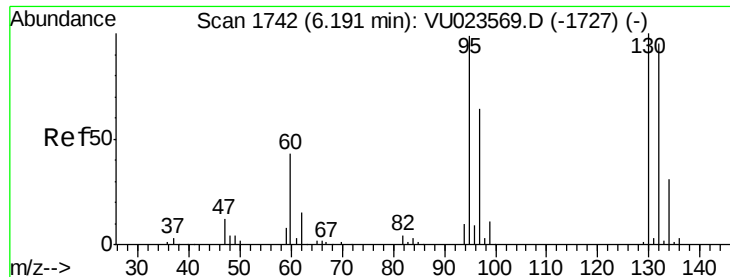
#31
 Carbon tetrachloride
 Concen: 1.20 ug/L
 RT: 4.92 min Scan# 1347
 Delta R.T. -0.22 min
 Lab File: VU023583.D
 Acq: 02 May 2018 16:59

Tgt Ion: 117 Resp: 3714
 Ion Ratio Lower Upper
 117 100
 119 93.2 77.4 116.0



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V





#34

Trichloroethene

Concen: 76.36 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023583.D

Acq: 02 May 2018 16:59

Tgt Ion: 95 Resp: 193805

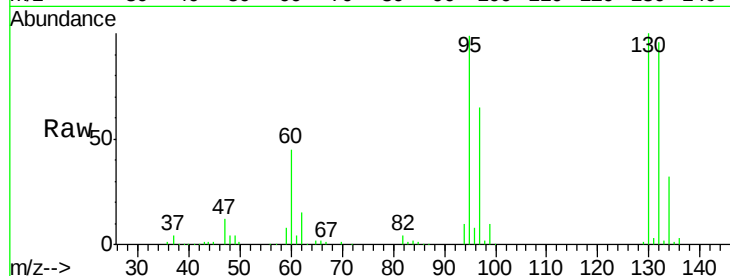
Ion Ratio Lower Upper

95 100

97 65.4 46.3 85.9

132 97.3 68.5 127.1

130 101.0 70.8 131.4

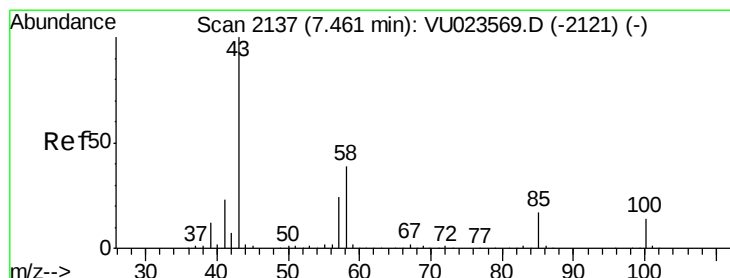
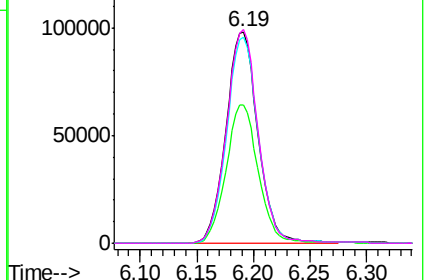
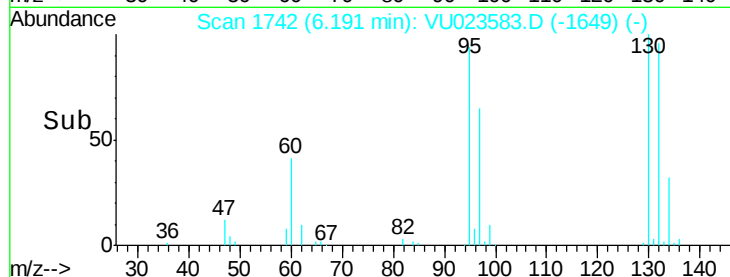


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.59 ug/L

RT: 7.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VU023583.D

Acq: 02 May 2018 16:59

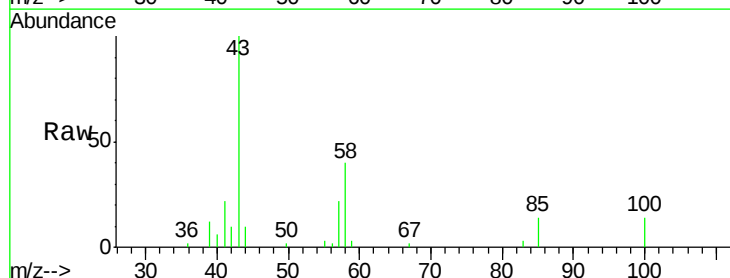
Tgt Ion: 43 Resp: 8962

Ion Ratio Lower Upper

43 100

58 36.6 30.8 46.2

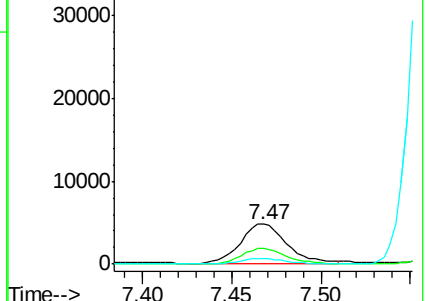
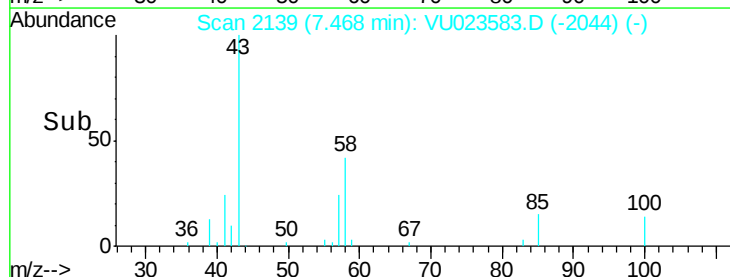
100 12.8 10.7 16.1

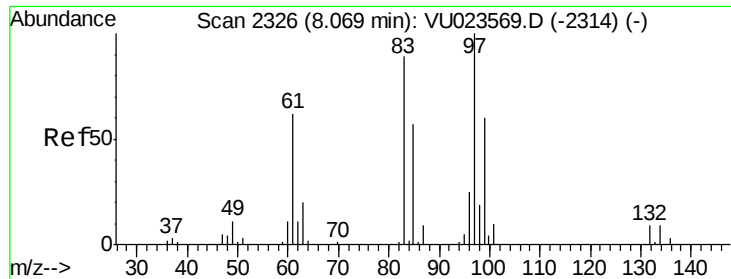


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

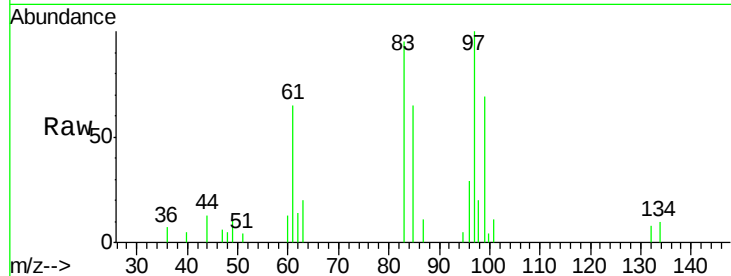
Ion 100.00 (99.70 to 100.70): VU



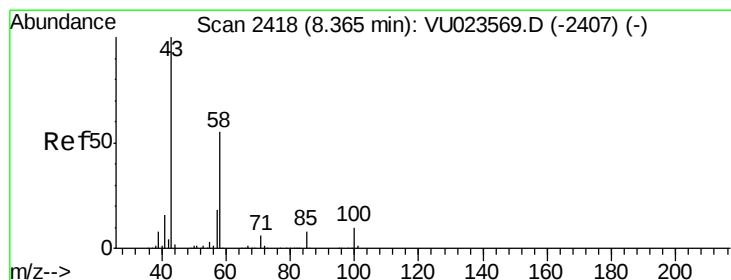
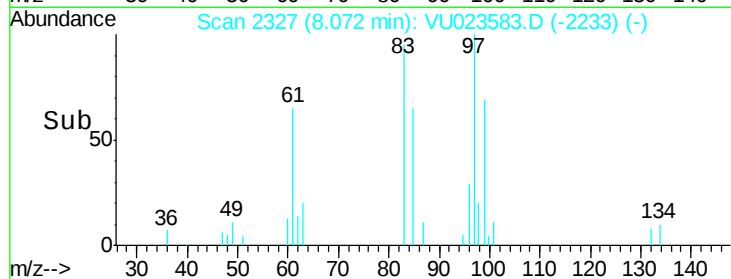
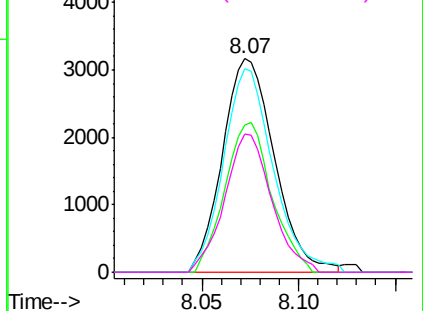


#45
 1,1,2-Trichloroethane
 Concen: 2.45 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU023583.D
 Acq: 02 May 2018 16:59

Tgt Ion:	97	Resp:	5918
Ion	Ratio	Lower	Upper
97	100		
99	68.9	44.2	82.2
83	95.5	63.1	117.1
85	64.7	40.3	74.8

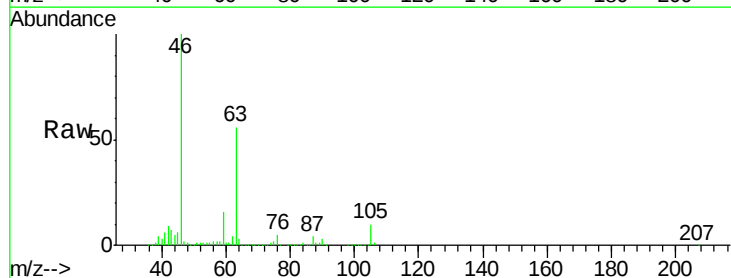


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

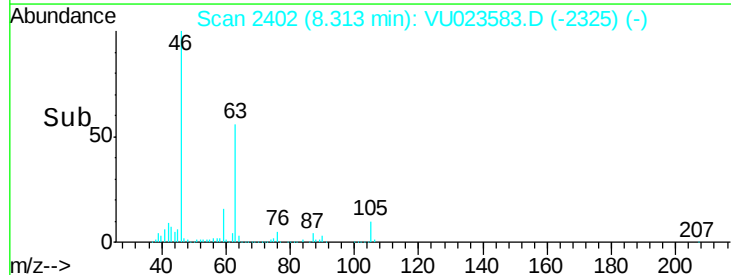
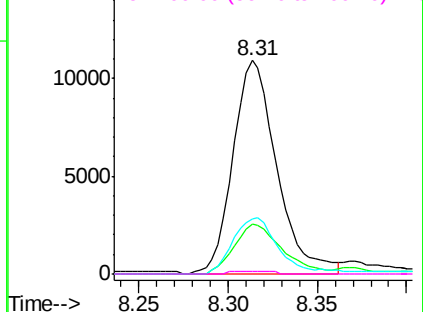


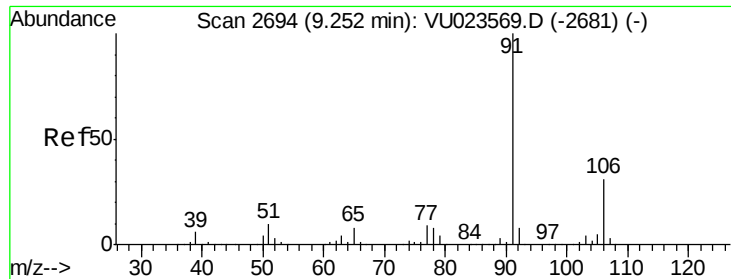
#48
 2-Hexanone
 Concen: 6.21 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU023583.D
 Acq: 02 May 2018 16:59

Tgt Ion:	43	Resp:	18762
Ion	Ratio	Lower	Upper
43	100		
58	25.5	43.0	64.6#
57	26.4	14.6	22.0#
100	0.6	8.4	12.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0





#52

Ethylbenzene

Concen: 3.88 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023583.D

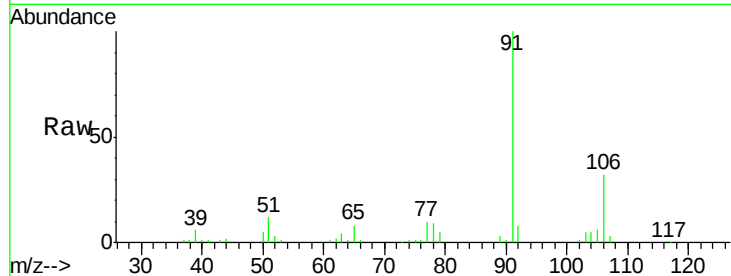
Acq: 02 May 2018 16:59

Tgt Ion: 91 Resp: 43159

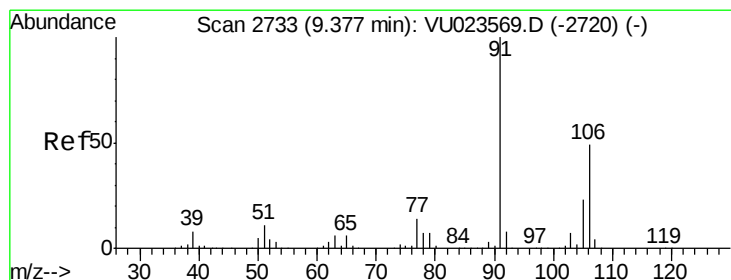
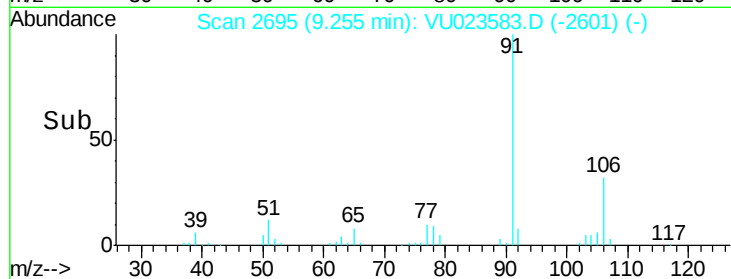
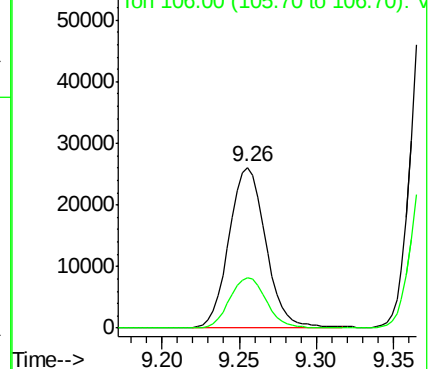
Ion Ratio Lower Upper

91 100

106 31.6 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU023569.D (-2681) (-)



#53

m,p-Xylene

Concen: 17.41 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU023583.D

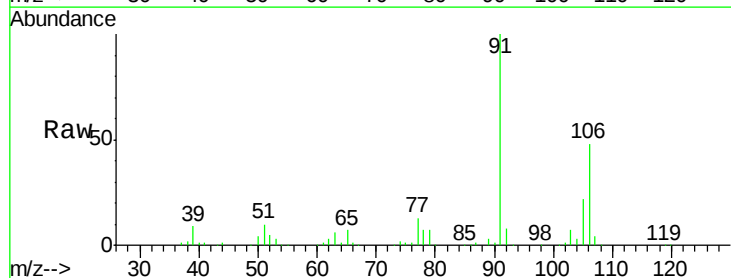
Acq: 02 May 2018 16:59

Tgt Ion: 106 Resp: 73897

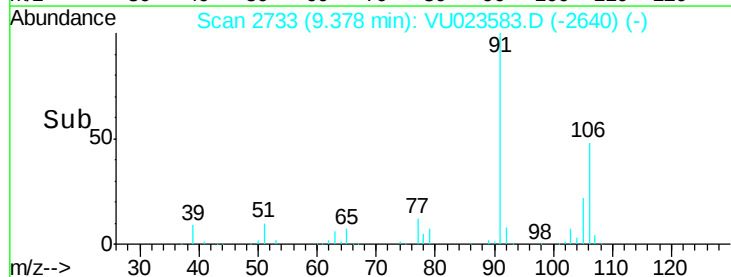
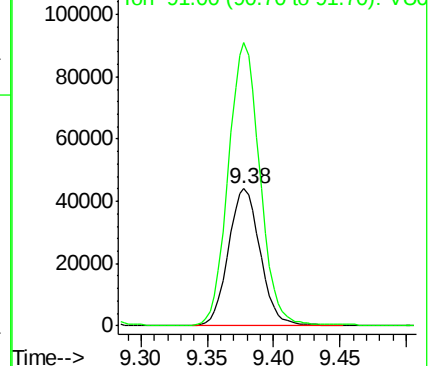
Ion Ratio Lower Upper

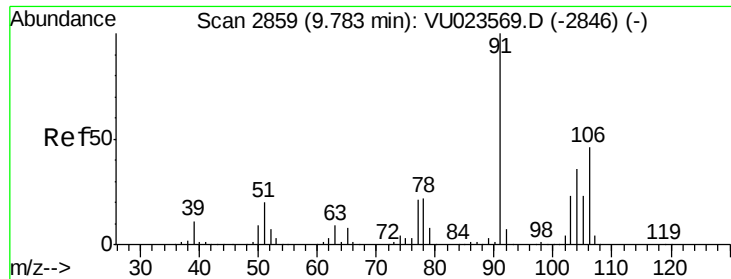
106 100

91 206.4 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): VU023569.D (-2720) (-)





#54
 o-xylene
 Concen: 10.90 ug/L
 RT: 9.78 min Scan# 2859
 Delta R.T. 0.00 min
 Lab File: VU023583.D
 Acq: 02 May 2018 16:59

Tgt Ion:106 Resp: 43827
 Ion Ratio Lower Upper
 106 100
 91 217.4 148.9 276.5

