

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024204.D
 Acq On : 27 May 2018 21:45
 Operator : MD/SY
 Sample : J3092-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 28 04:22:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 04:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	291894	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	279362	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	97653	50.00	ug/L	0.00

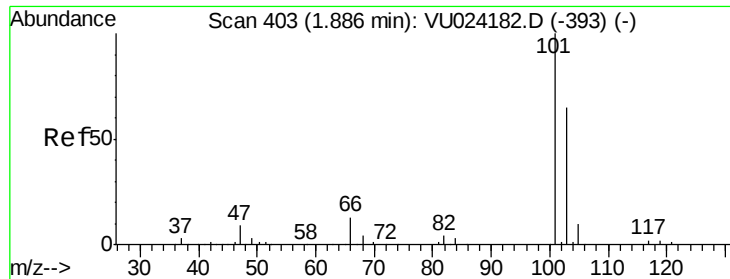
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107094	48.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.52%
7) Chloroethane-d5	1.68	69	88056	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.94%
11) 1,1-Dichloroethene-d2	2.27	63	147517	35.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.48%
21) 2-Butanone-d5	4.18	46	165301	93.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.70%
24) Chloroform-d	4.65	84	187066	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	5.31	65	125160	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
32) Benzene-d6	5.35	84	389026	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
36) 1,2-Dichloropropane-d6	6.33	67	131850	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.52%
41) Toluene-d8	7.57	98	329708	46.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.02%
43) trans-1,3-Dichloropropene-	7.85	79	47124	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.31	63	110453	87.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.37%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172574	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	116019	54.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.38%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.89	101	48918	13.82	ug/L	99
13) Acetone	2.32	43	40155	26.12	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	5682	2.42	ug/L	93
22) 2-Butanone	4.28	43	2432	1.21	ug/L	92
34) Trichloroethene	6.19	95	598680	229.17	ug/L	100
35) Methylcyclohexane	6.34	83	29009	8.02	ug/L #	18
46) Tetrachloroethene	8.23	164	2386	1.31	ug/L	95
48) 2-Hexanone	8.31	43	13390	4.80	ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	11444	3.51	ug/L	91

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



#9

Trichlorofluoromethane

Concen: 13.82 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024204.D

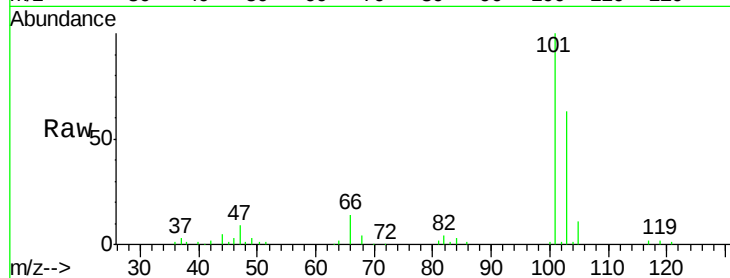
Acq: 27 May 2018 21:45

Tgt Ion: 101 Resp: 48918

Ion Ratio Lower Upper

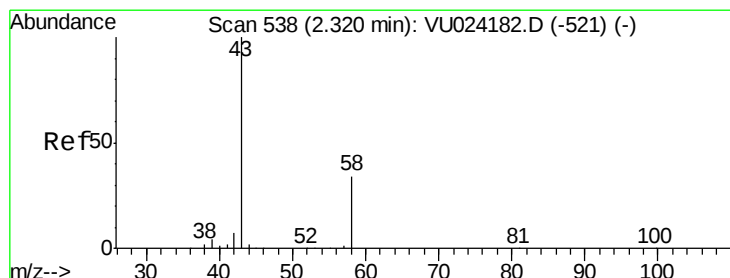
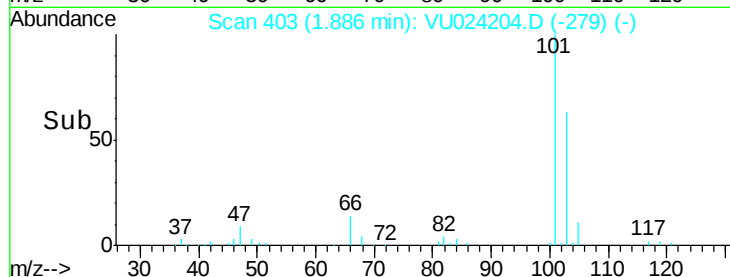
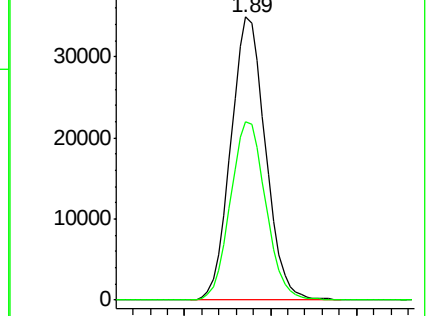
101 100

103 64.1 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 26.12 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024204.D

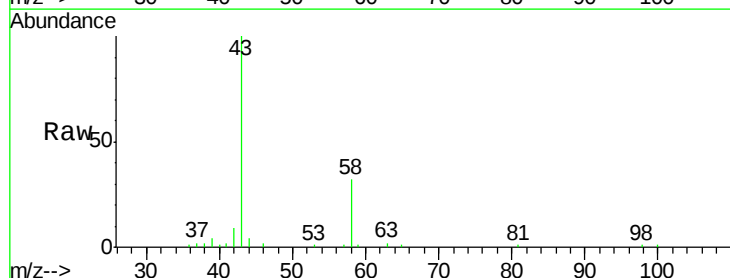
Acq: 27 May 2018 21:45

Tgt Ion: 43 Resp: 40155

Ion Ratio Lower Upper

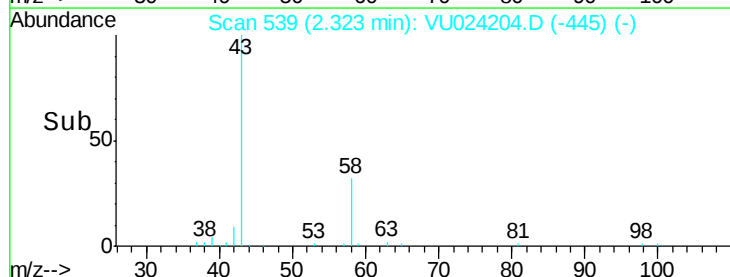
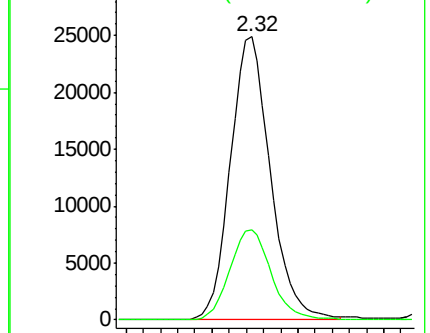
43 100

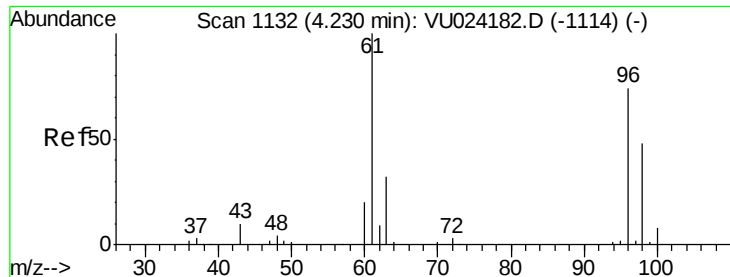
58 33.0 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

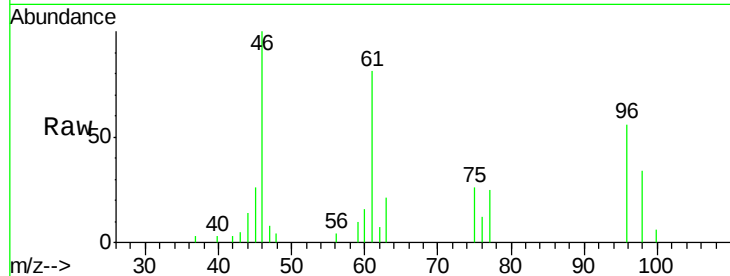




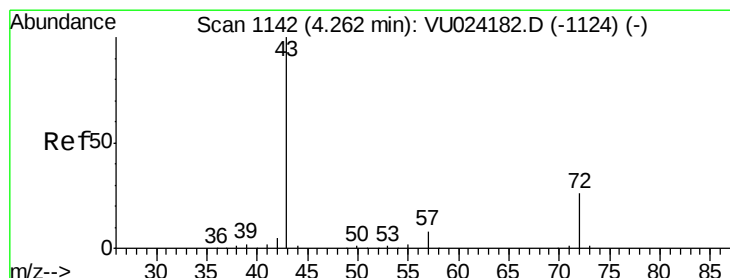
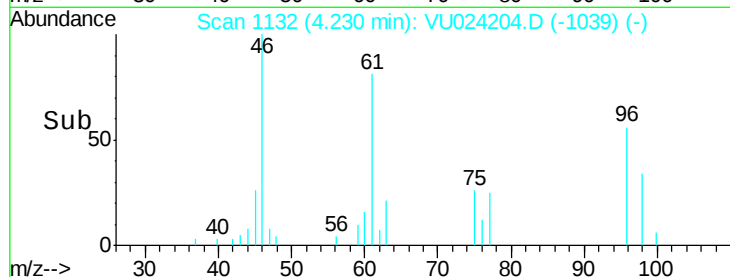
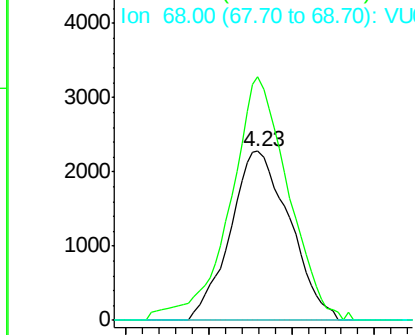
#20
 cis-1,2-Dichloroethene
 Concen: 2.42 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024204.D
 Acq: 27 May 2018 21:45

Tgt Ion: 96 Resp: 5682

Ion	Ratio	Lower	Upper
96	100		
61	143.9	94.8	176.0
68	0.0	0.0	0.0



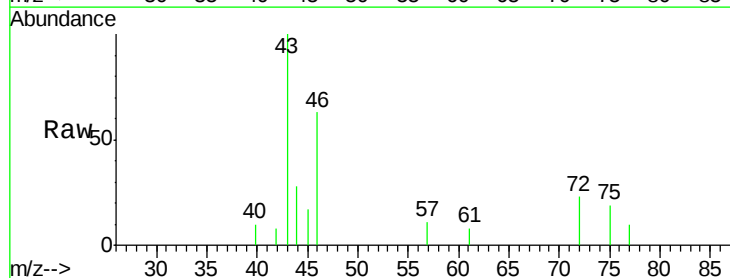
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



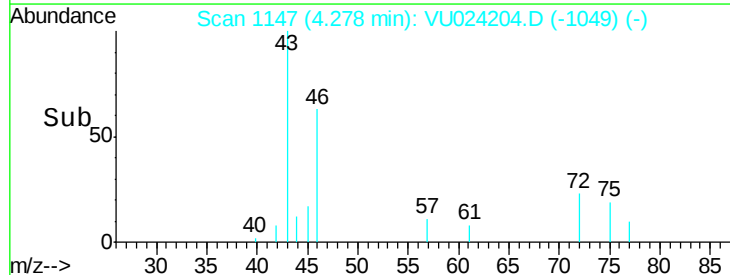
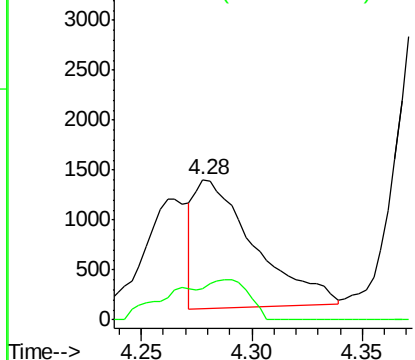
#22
 2-Butanone
 Concen: 1.21 ug/L
 RT: 4.28 min Scan# 1147
 Delta R.T. 0.02 min
 Lab File: VU024204.D
 Acq: 27 May 2018 21:45

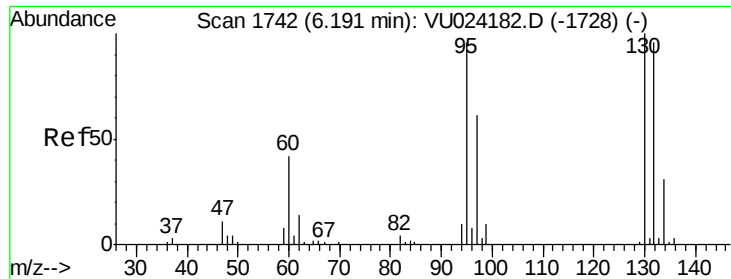
Tgt Ion: 43 Resp: 2432

Ion	Ratio	Lower	Upper
43	100		
72	22.8	13.4	40.1



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





#34

Trichloroethene

Concen: 229.17 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024204.D

Acq: 27 May 2018 21:45

Tgt Ion: 95 Resp: 598680

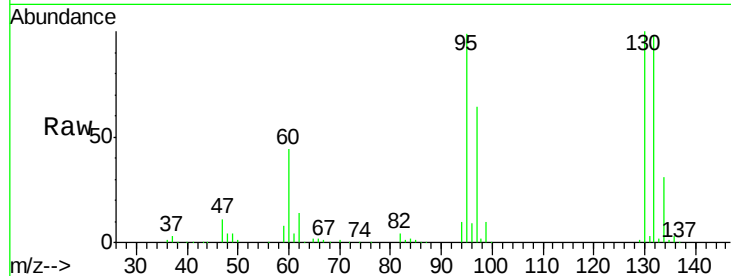
Ion Ratio Lower Upper

95 100

97 64.2 44.5 82.7

132 98.5 69.0 128.2

130 100.9 70.6 131.0

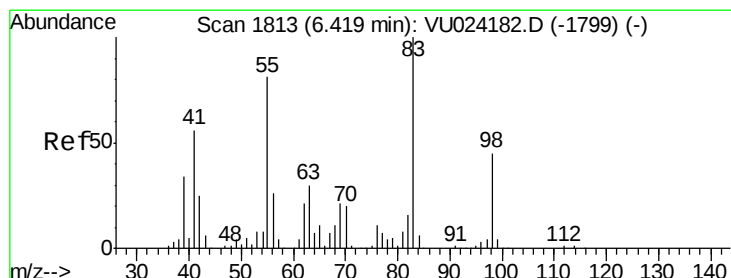
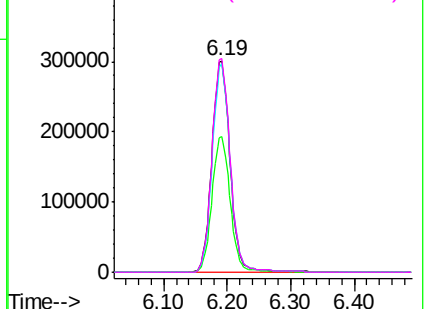
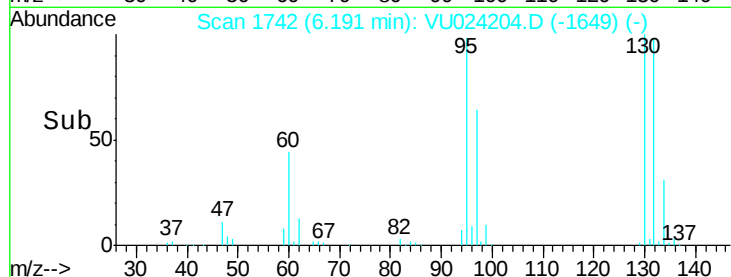


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 8.02 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU024204.D

Acq: 27 May 2018 21:45

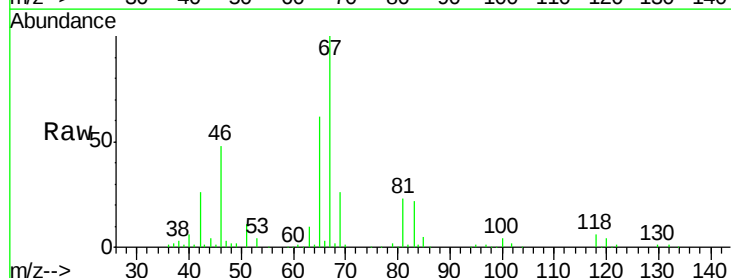
Tgt Ion: 83 Resp: 29009

Ion Ratio Lower Upper

83 100

55 0.3 64.1 96.1#

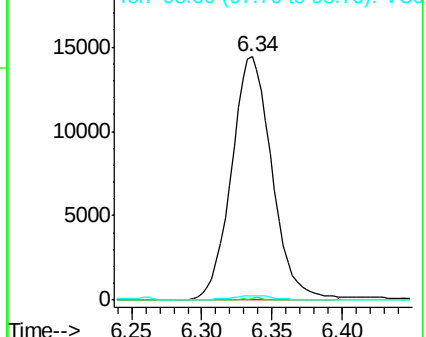
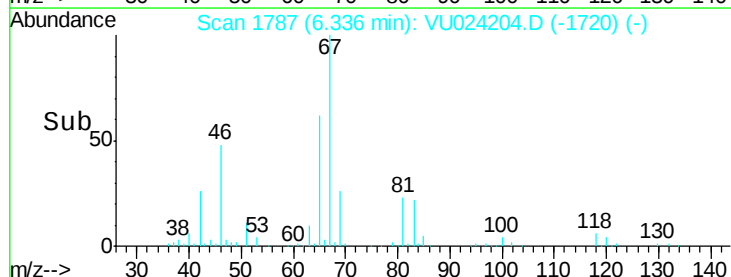
98 1.5 35.8 53.8#

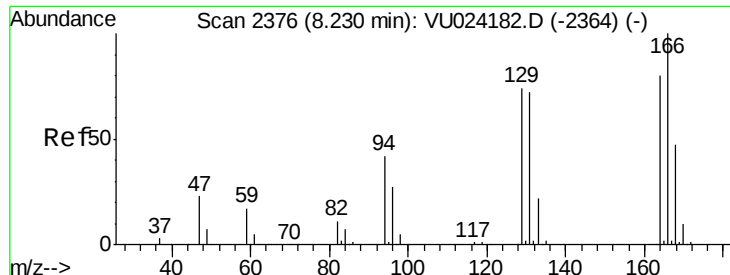


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#46

Tetrachloroethene

Concen: 1.31 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU024204.D

Acq: 27 May 2018 21:45

Tgt Ion: 164 Resp: 2386

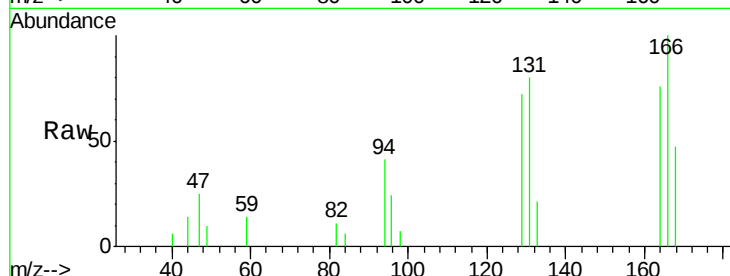
Ion Ratio Lower Upper

164 100

129 94.5 66.6 123.6

131 105.2 64.5 119.9

166 131.3 89.3 165.9

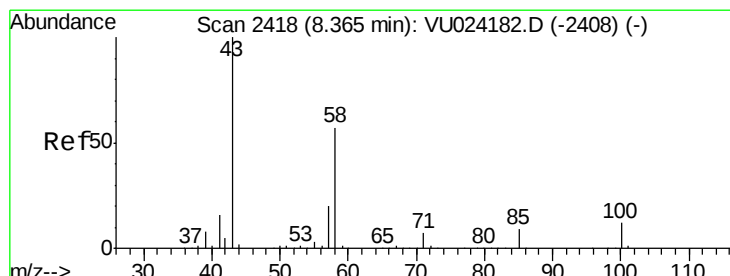
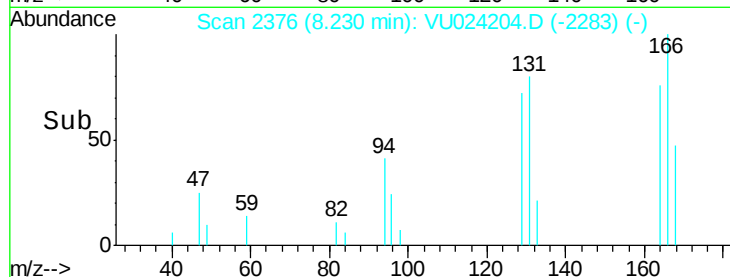
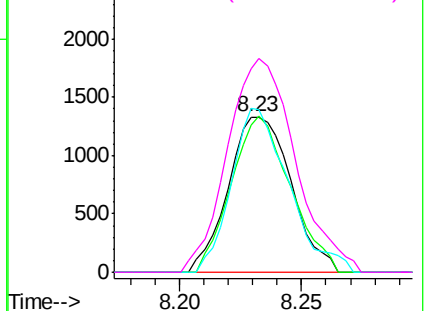


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.80 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024204.D

Acq: 27 May 2018 21:45

Tgt Ion: 43 Resp: 13390

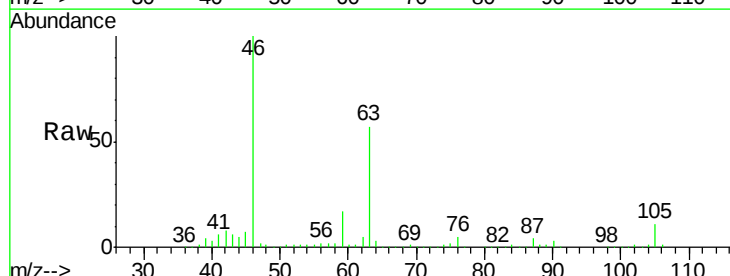
Ion Ratio Lower Upper

43 100

58 31.1 44.6 67.0#

57 35.2 15.3 22.9#

100 2.4 8.9 13.3#

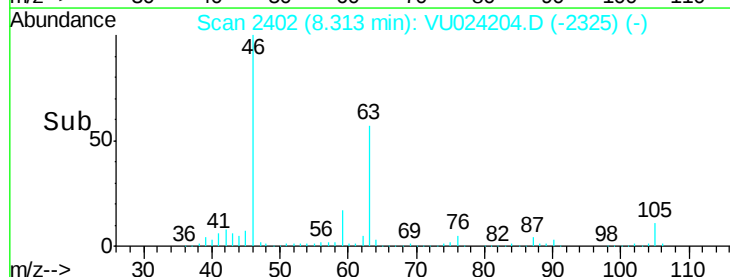
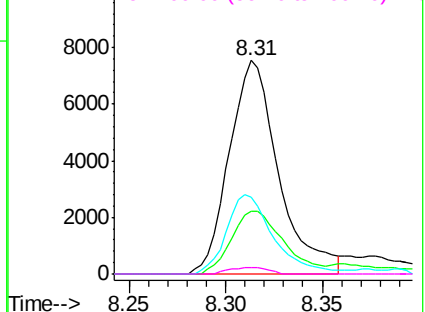


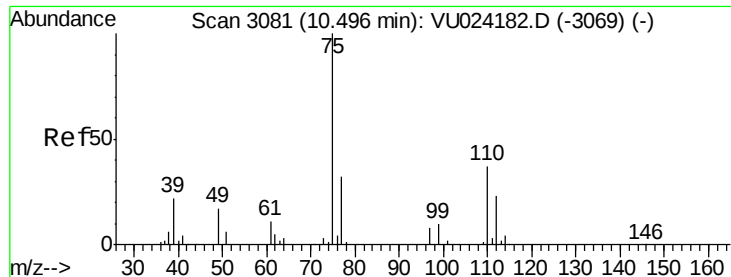
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#59

1,2,3-Trichloropropane

Concen: 3.51 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024204.D

Acq: 27 May 2018 21:45

Tgt Ion: 75 Resp: 11444

Ion Ratio Lower Upper

75 100

77 36.9 25.5 38.3

