

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024160.D
 Acq On : 26 May 2018 21:21
 Operator : MD/SY
 Sample : J3091-13 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 28 01:01:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 00:49:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	291984	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	93891	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83840	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.54%
7) Chloroethane-d5	1.68	69	73714	41.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.64%
11) 1,1-Dichloroethene-d2	2.27	63	125937	30.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.00%
21) 2-Butanone-d5	4.18	46	167646	95.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.00%
24) Chloroform-d	4.65	84	177827	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
26) 1,2-Dichloroethane-d4	5.31	65	114927	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
32) Benzene-d6	5.35	84	342857	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
36) 1,2-Dichloropropane-d6	6.34	67	123131	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.56%
41) Toluene-d8	7.57	98	296483	42.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.85	79	43452	41.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.92%
47) 2-Hexanone-d5	8.31	63	115279	92.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.78%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	171342	45.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.87	152	107820	52.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.76%

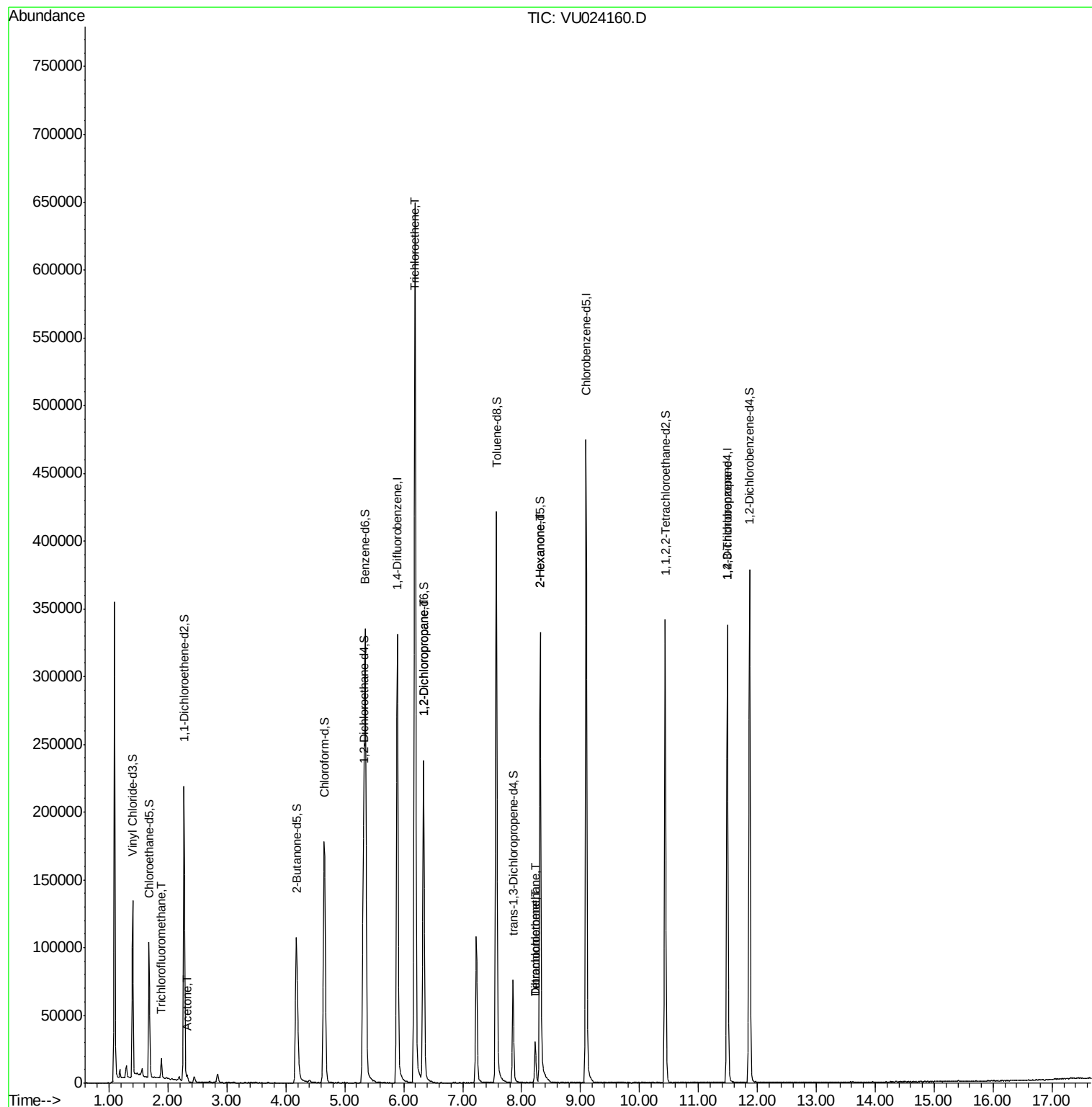
Target Compounds

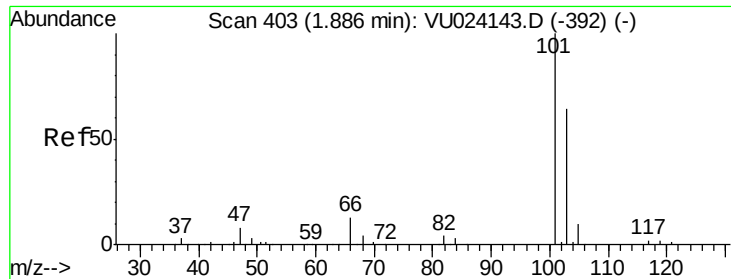
						Qvalue
9) Trichlorofluoromethane	1.89	101	7869	2.22	ug/L	96
13) Acetone	2.32	43	3454	2.25	ug/L	99
34) Trichloroethene	6.19	95	234352	91.27	ug/L	98
37) 1,2-Dichloropropane	6.34	63	12733	4.97	ug/L #	89
46) Tetrachloroethene	8.23	164	7465	4.16	ug/L	96
48) 2-Hexanone	8.31	43	13920	5.08	ug/L #	67
49) Dibromochloromethane	8.23	129	6889	2.87	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	10894	3.40	ug/L	92

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

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 2.22 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024160.D

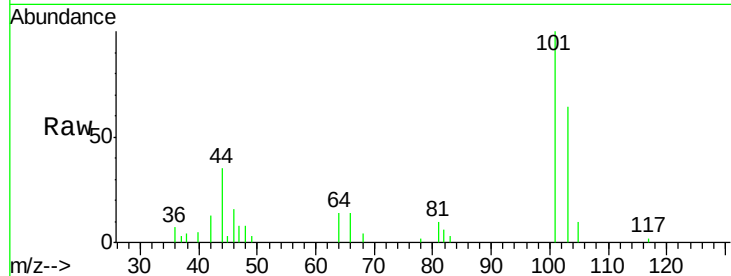
Acq: 26 May 2018 21:21

Tgt Ion: 101 Resp: 7869

Ion Ratio Lower Upper

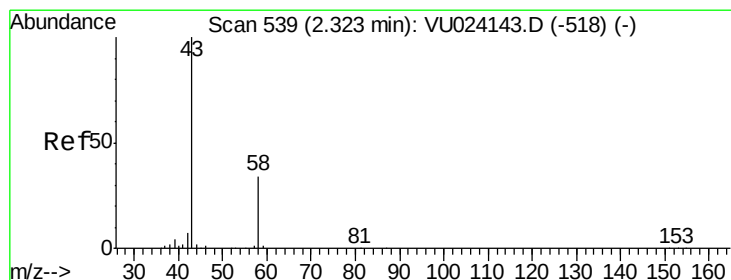
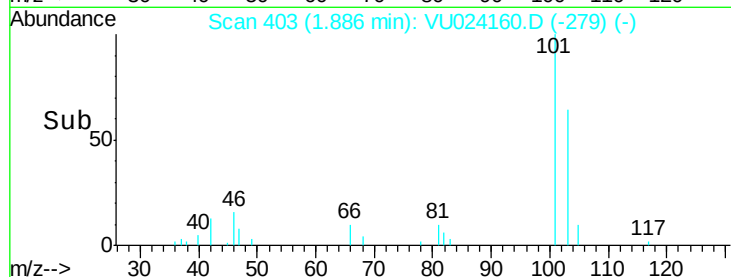
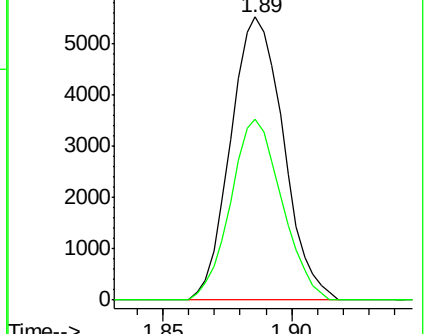
101 100

103 61.9 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: 2.25 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024160.D

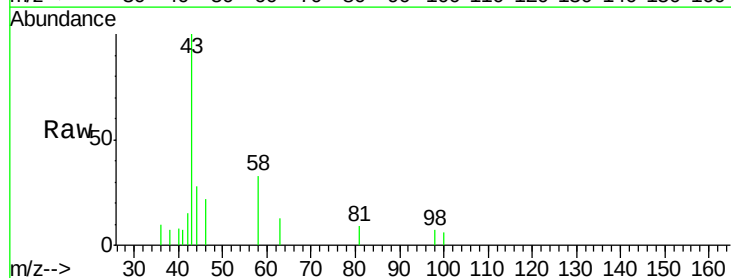
Acq: 26 May 2018 21:21

Tgt Ion: 43 Resp: 3454

Ion Ratio Lower Upper

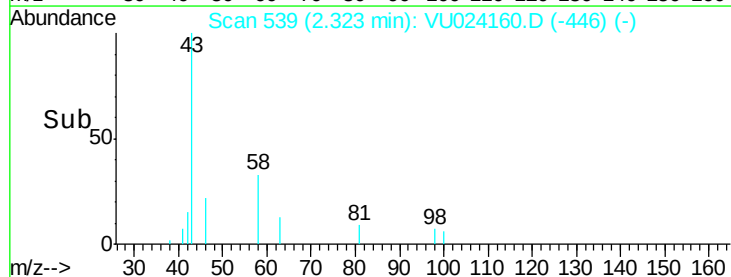
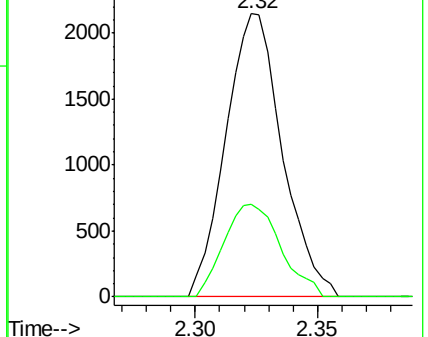
43 100

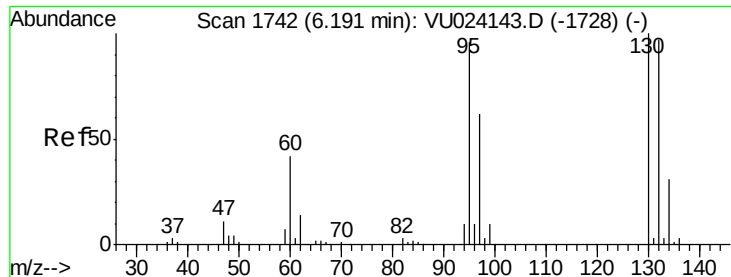
58 32.9 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

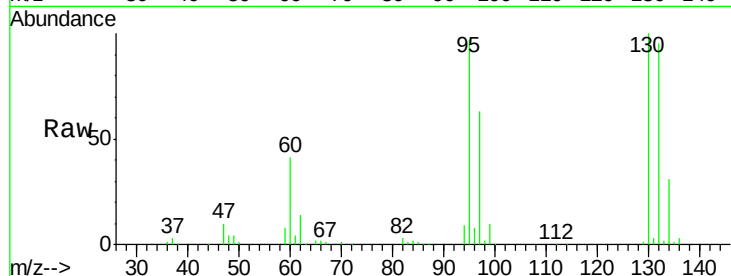
Ion 58.00 (57.70 to 58.70): VU0



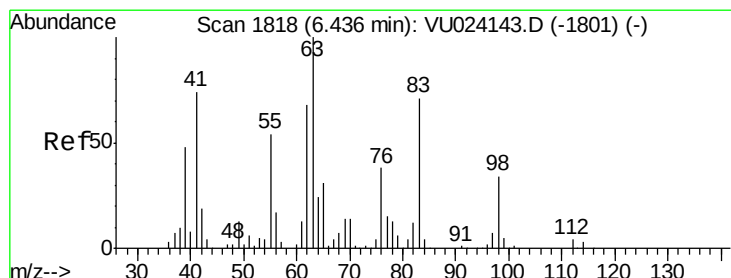
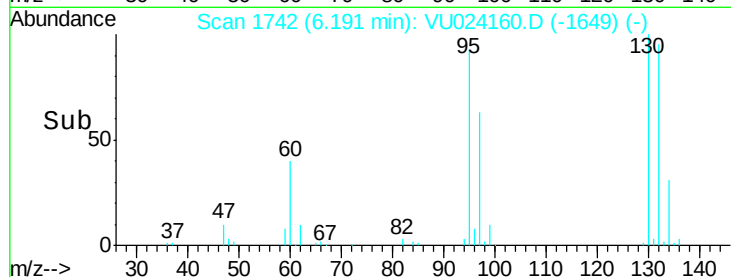
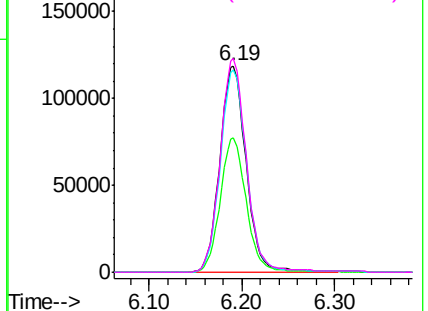


#34
 Trichloroethene
 Concen: 91.27 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU024160.D
 Acq: 26 May 2018 21:21

Tgt Ion: 95 Resp: 234352
 Ion Ratio Lower Upper
 95 100
 97 65.0 44.5 82.7
 132 98.2 69.0 128.2
 130 103.5 70.6 131.0

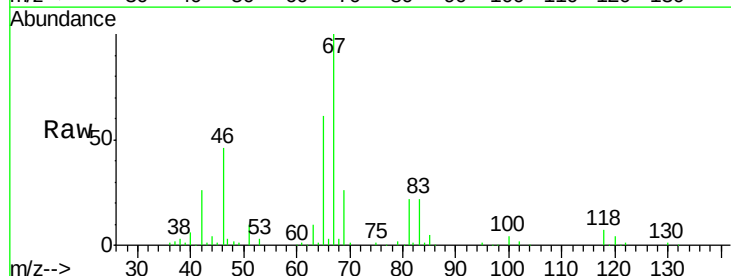


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

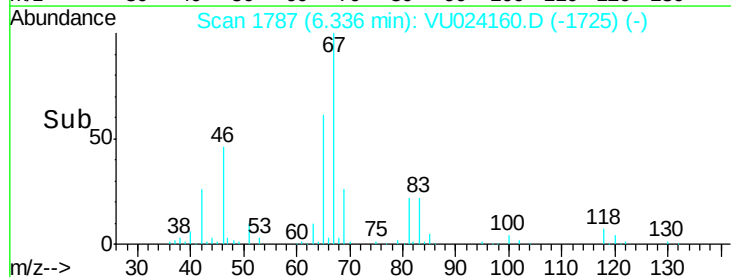
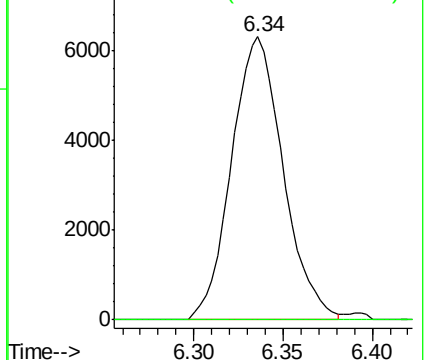


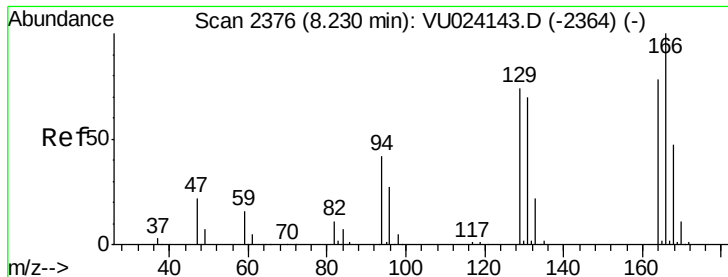
#37
 1,2-Dichloropropane
 Concen: 4.97 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU024160.D
 Acq: 26 May 2018 21:21

Tgt Ion: 63 Resp: 12733
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 4.16 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024160.D

Acq: 26 May 2018 21:21

Tgt Ion: 164 Resp: 7465

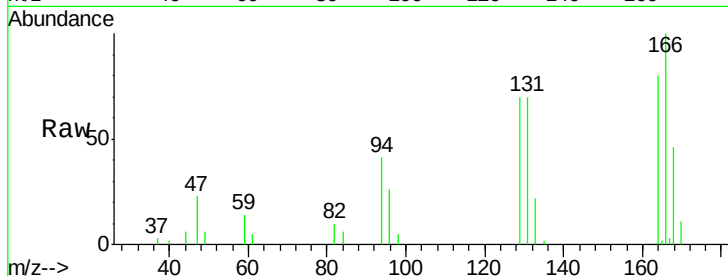
Ion Ratio Lower Upper

164 100

129 87.9 66.6 123.6

131 87.5 64.5 119.9

166 125.7 89.3 165.9

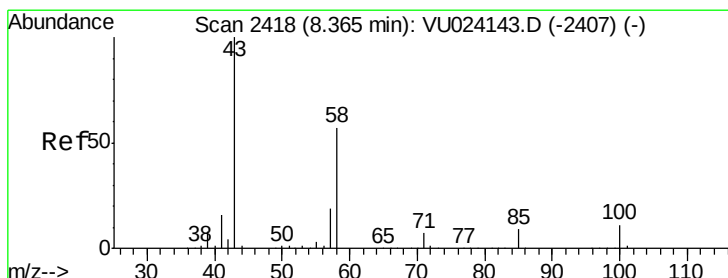
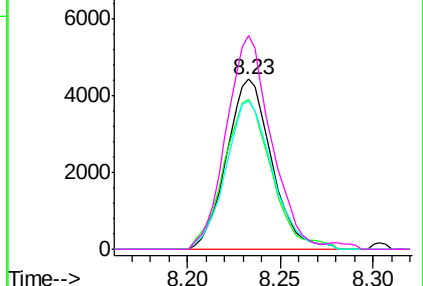
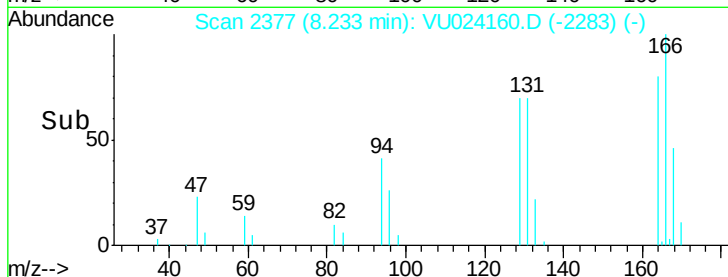


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.08 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024160.D

Acq: 26 May 2018 21:21

Tgt Ion: 43 Resp: 13920

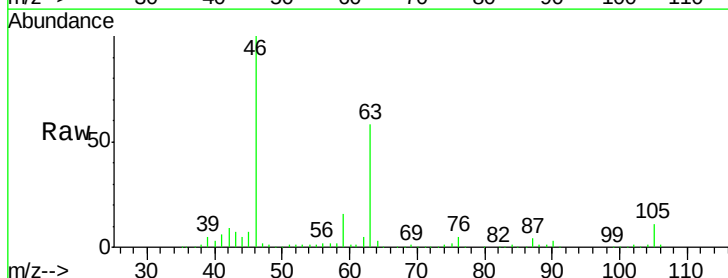
Ion Ratio Lower Upper

43 100

58 30.0 44.6 67.0#

57 33.7 15.3 22.9#

100 3.1 8.9 13.3#

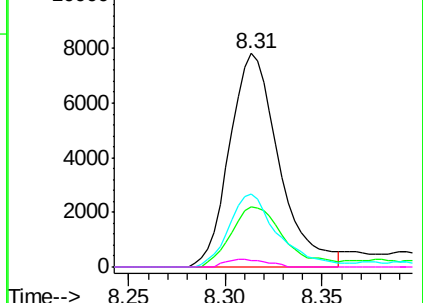
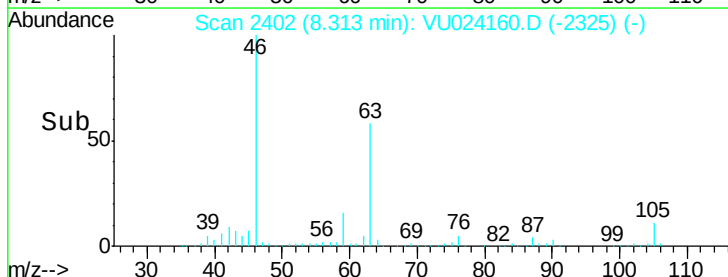


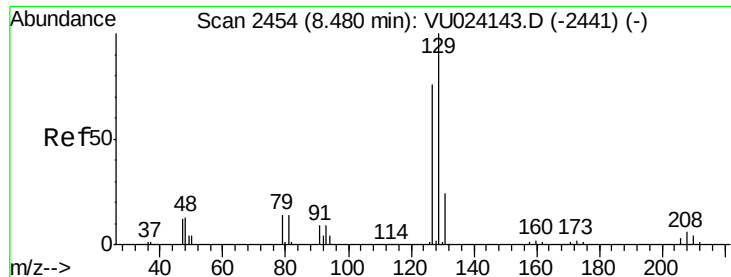
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#49

Dibromochloromethane

Concen: 2.87 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU024160.D

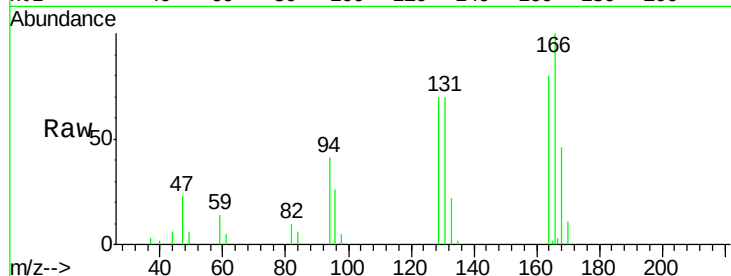
Acq: 26 May 2018 21:21

Tgt Ion: 129 Resp: 6889

Ion Ratio Lower Upper

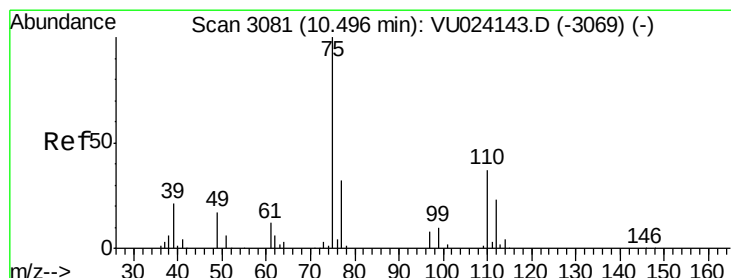
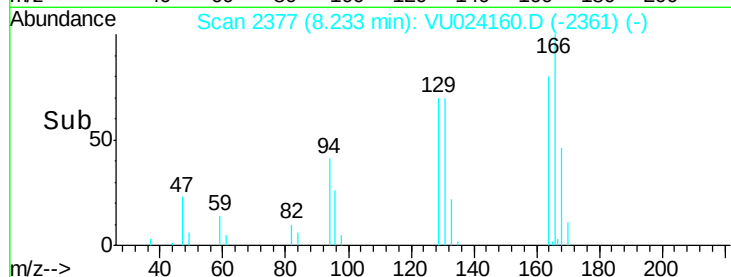
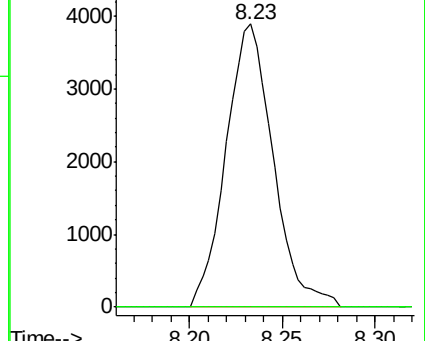
129 100

127 0.0 54.2 100.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 3.40 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024160.D

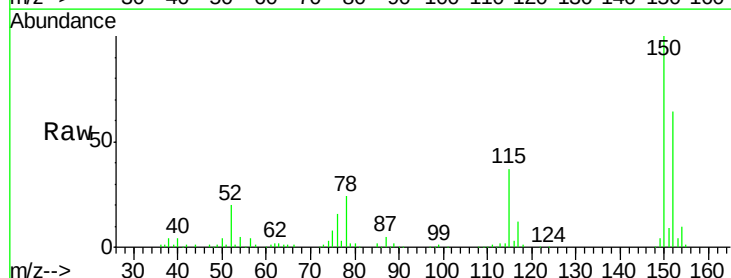
Acq: 26 May 2018 21:21

Tgt Ion: 75 Resp: 10894

Ion Ratio Lower Upper

75 100

77 36.3 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

