

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024208.D
 Acq On : 27 May 2018 23:51
 Operator : MD/SY
 Sample : J3091-16 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 28 05:16:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 05:15:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	302039	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106890	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.10%
7) Chloroethane-d5	1.67	69	89334	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.27	63	148238	34.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.42%
21) 2-Butanone-d5	4.18	46	165810	90.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.83%
24) Chloroform-d	4.65	84	188678	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
26) 1,2-Dichloroethane-d4	5.31	65	126121	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
32) Benzene-d6	5.35	84	388739	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
36) 1,2-Dichloropropane-d6	6.34	67	132486	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.60%
41) Toluene-d8	7.57	98	331667	46.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	47068	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.98%
47) 2-Hexanone-d5	8.31	63	108832	85.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.75%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	175817	45.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	111316	53.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.78%

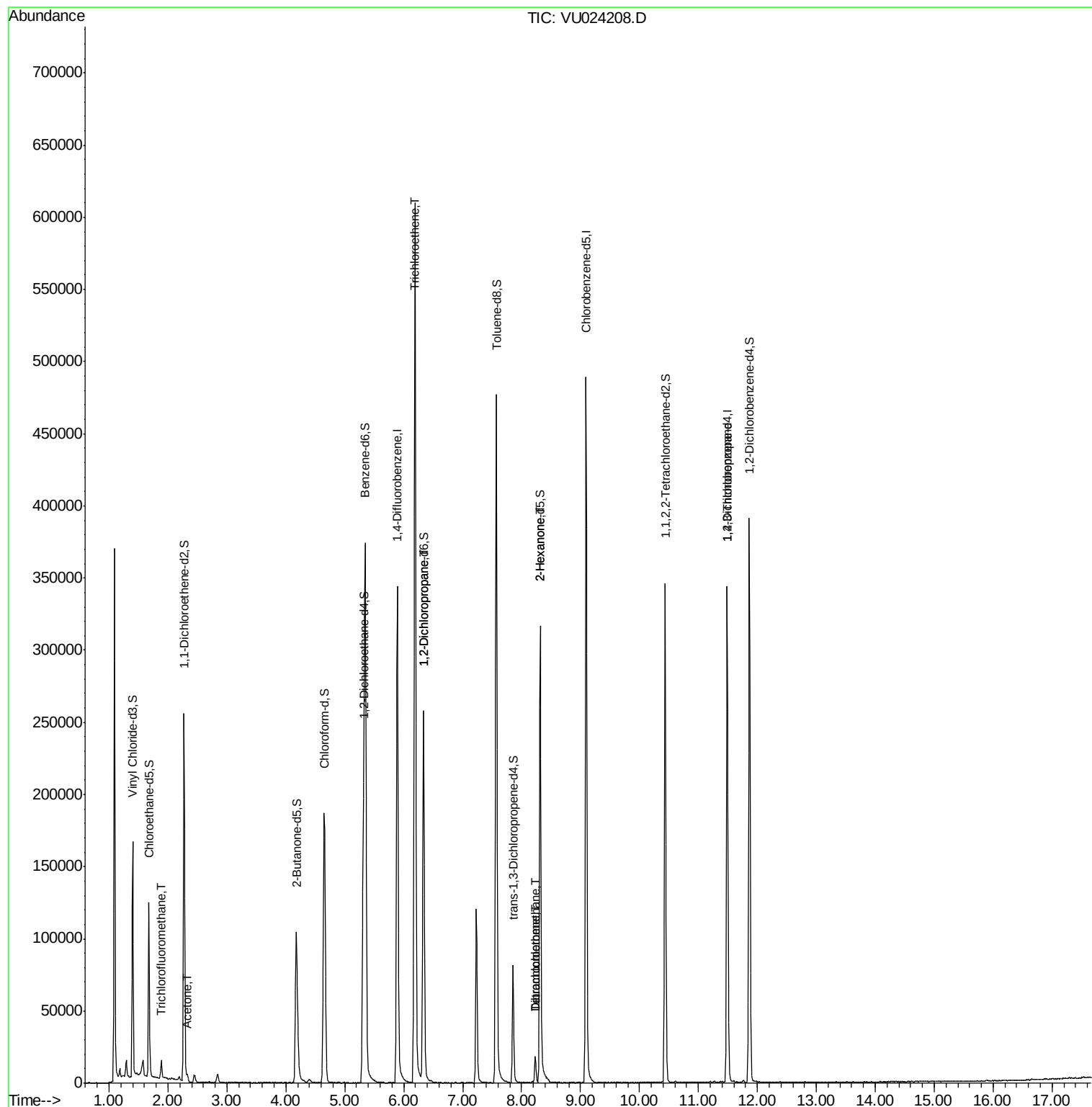
Target Compounds

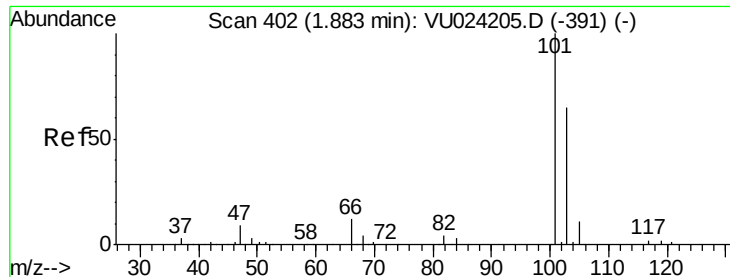
						Qvalue
9) Trichlorofluoromethane	1.89	101	5444	1.49	ug/L	99
13) Acetone	2.32	43	3591	2.26	ug/L	96
34) Trichloroethene	6.19	95	217498	82.93	ug/L	99
37) 1,2-Dichloropropane	6.34	63	13306	5.08	ug/L #	89
46) Tetrachloroethene	8.23	164	4742	2.58	ug/L	93
48) 2-Hexanone	8.31	43	13622	4.86	ug/L #	67
49) Dibromochloromethane	8.23	129	4486	1.83	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	11325	3.46	ug/L	89

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

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Quant Title : VOC Analysis
QLast Update : Mon May 28 05:15:39 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.49 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024208.D

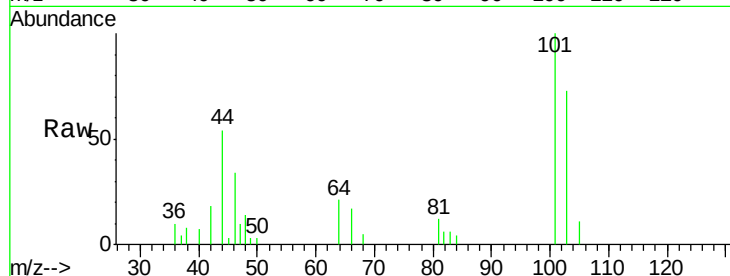
Acq: 27 May 2018 23:51

Tgt Ion: 101 Resp: 5444

Ion Ratio Lower Upper

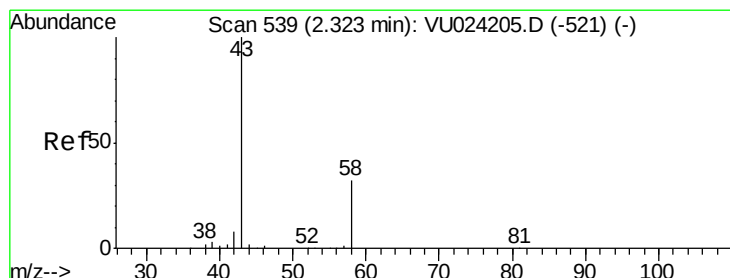
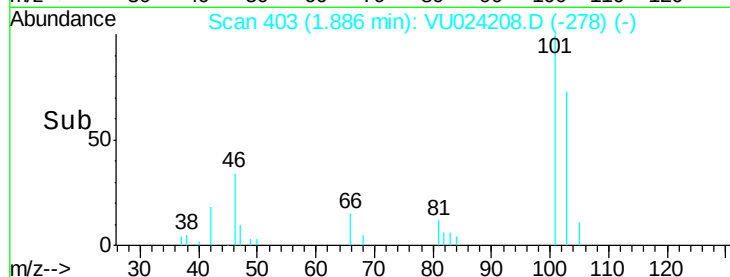
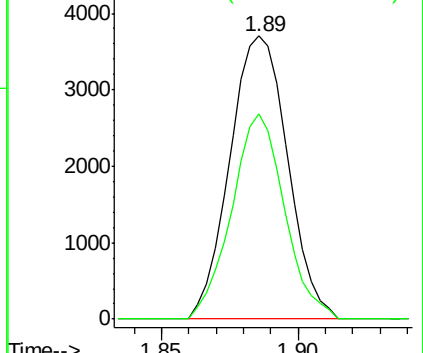
101 100

103 66.3 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: 2.26 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024208.D

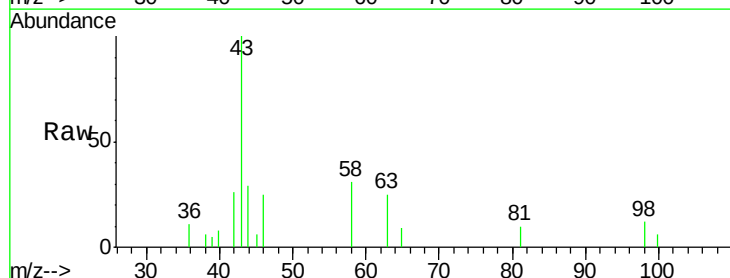
Acq: 27 May 2018 23:51

Tgt Ion: 43 Resp: 3591

Ion Ratio Lower Upper

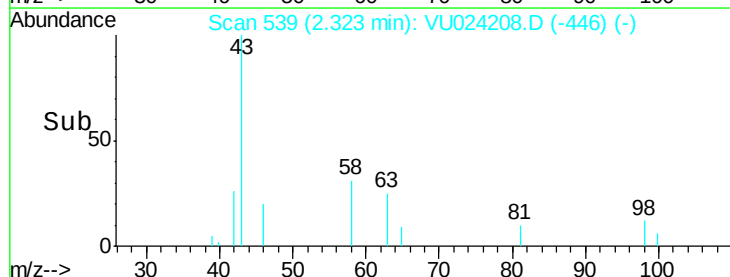
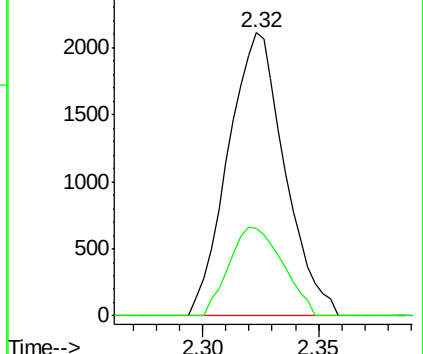
43 100

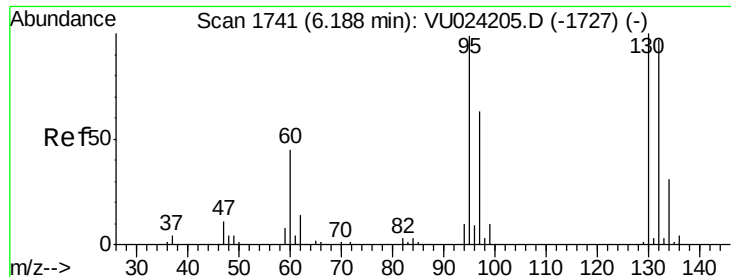
58 29.7 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 82.93 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024208.D

Acq: 27 May 2018 23:51

Tgt Ion: 95 Resp: 217498

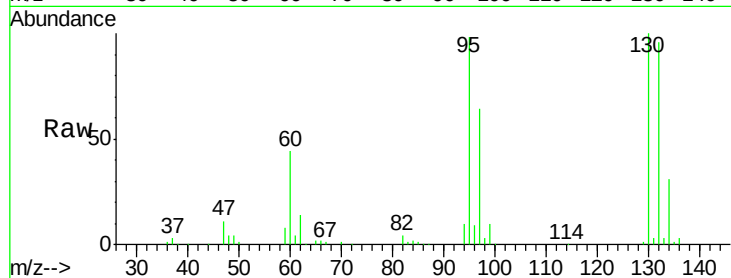
Ion Ratio Lower Upper

95 100

97 64.6 44.5 82.7

132 97.8 69.0 128.2

130 101.6 70.6 131.0

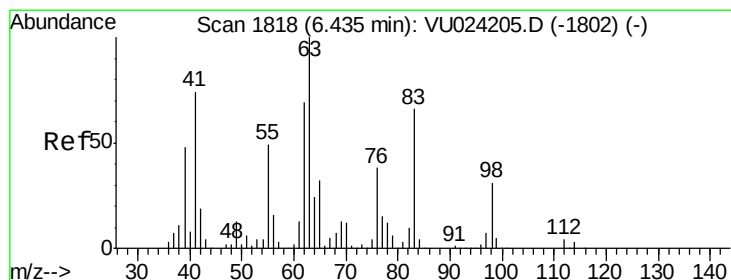
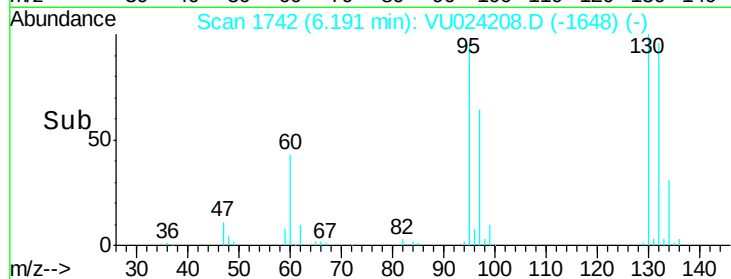
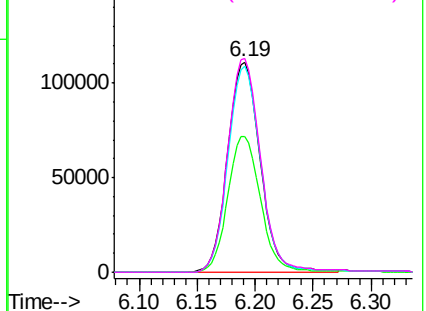


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.08 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU024208.D

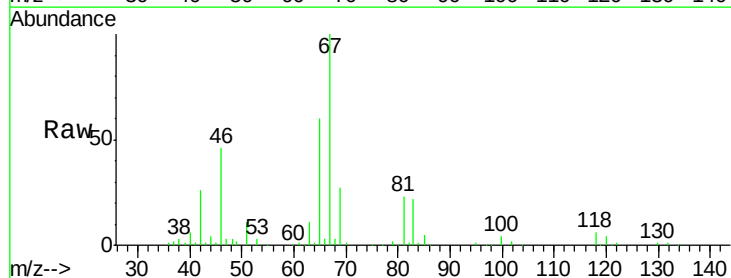
Acq: 27 May 2018 23:51

Tgt Ion: 63 Resp: 13306

Ion Ratio Lower Upper

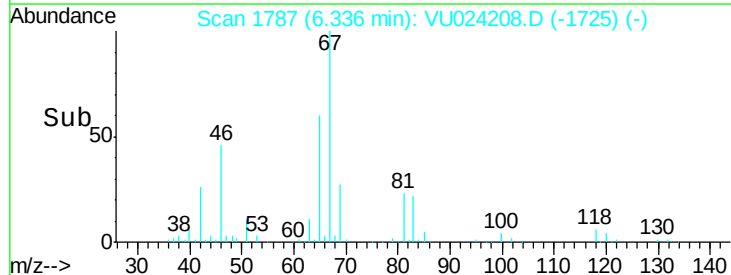
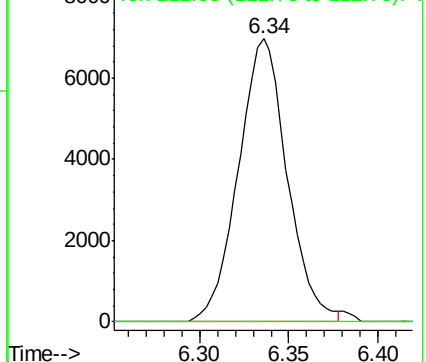
63 100

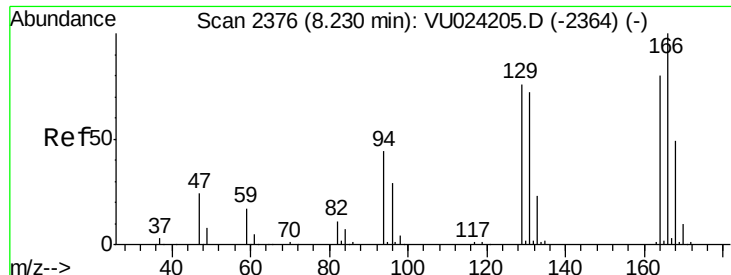
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 2.58 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024208.D

Acq: 27 May 2018 23:51

Tgt Ion: 164 Resp: 4742

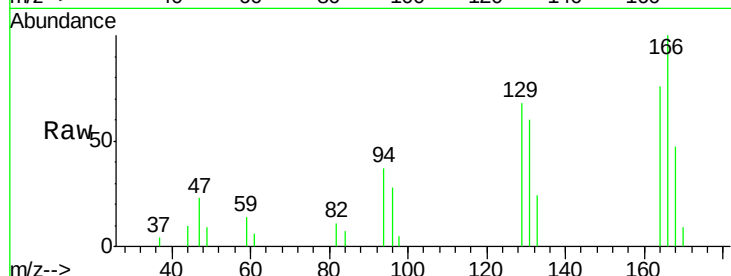
Ion Ratio Lower Upper

164 100

129 89.4 66.6 123.6

131 79.2 64.5 119.9

166 131.3 89.3 165.9

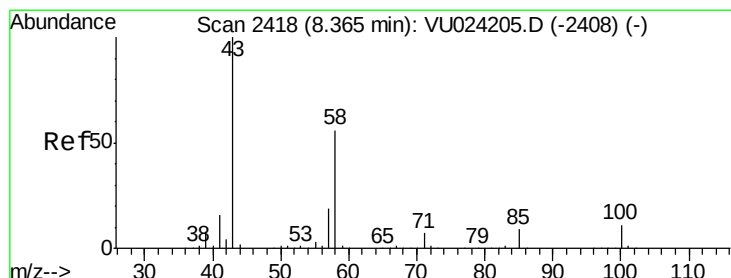
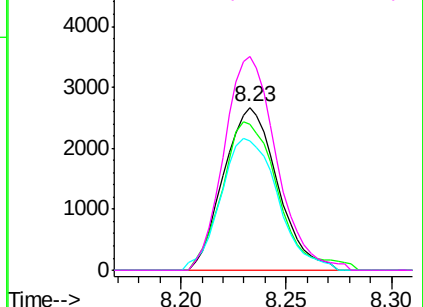
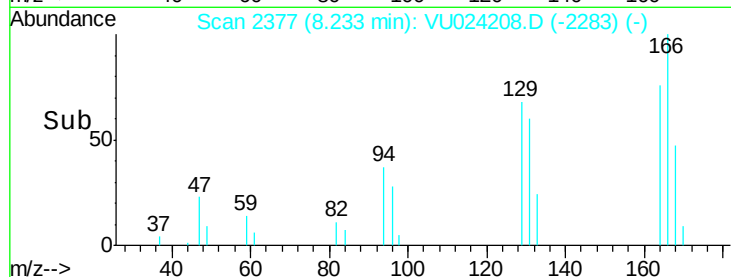


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.86 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024208.D

Acq: 27 May 2018 23:51

Tgt Ion: 43 Resp: 13622

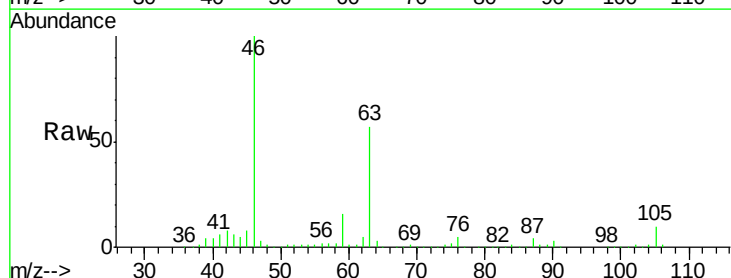
Ion Ratio Lower Upper

43 100

58 29.2 44.6 67.0#

57 30.9 15.3 22.9#

100 2.1 8.9 13.3#

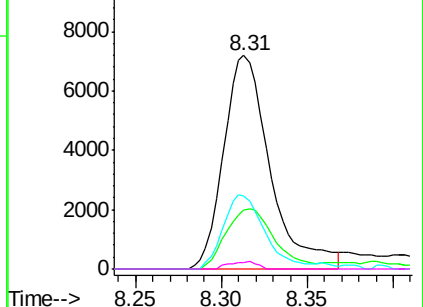
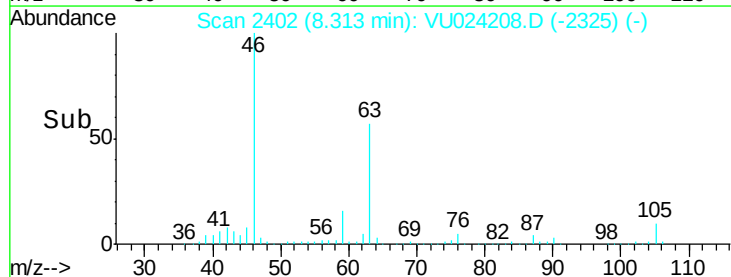


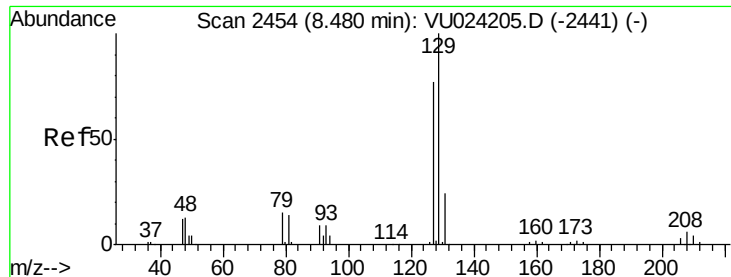
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 1.83 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU024208.D

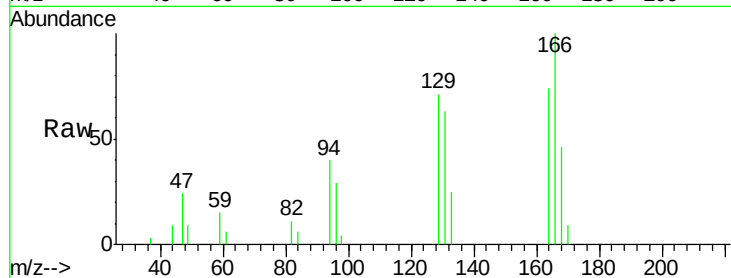
Acq: 27 May 2018 23:51

Tgt Ion: 129 Resp: 4486

Ion Ratio Lower Upper

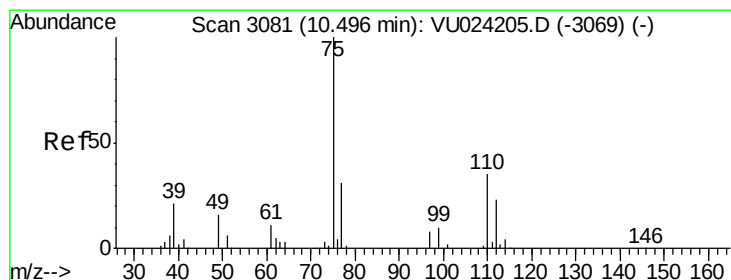
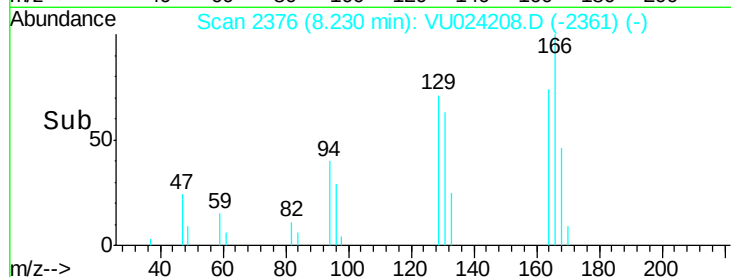
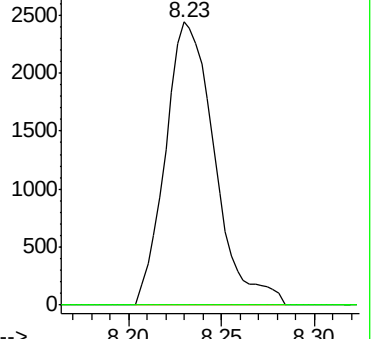
129 100

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: 3.46 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024208.D

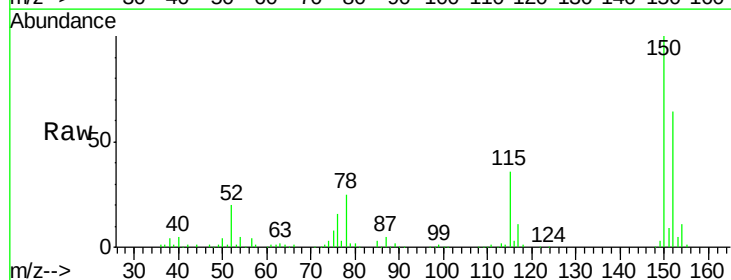
Acq: 27 May 2018 23:51

Tgt Ion: 75 Resp: 11325

Ion Ratio Lower Upper

75 100

77 38.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

