

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024209.D
 Acq On : 28 May 2018 00:16
 Operator : MD/SY
 Sample : J3091-17 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 28 05:16:26 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	304879	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	281706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	96761	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	102298	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.28%
7) Chloroethane-d5	1.67	69	85543	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.96%
11) 1,1-Dichloroethene-d2	2.27	63	142742	33.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.22%
21) 2-Butanone-d5	4.18	46	156641	85.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.01%
24) Chloroform-d	4.65	84	181539	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.42%
26) 1,2-Dichloroethane-d4	5.31	65	122075	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
32) Benzene-d6	5.35	84	373031	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
36) 1,2-Dichloropropane-d6	6.34	67	127626	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.52%
41) Toluene-d8	7.57	98	323888	44.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.66%
43) trans-1,3-Dichloropropene-	7.85	79	43912	41.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.66%
47) 2-Hexanone-d5	8.31	63	103958	81.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.55%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169239	43.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	107707	50.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.54%

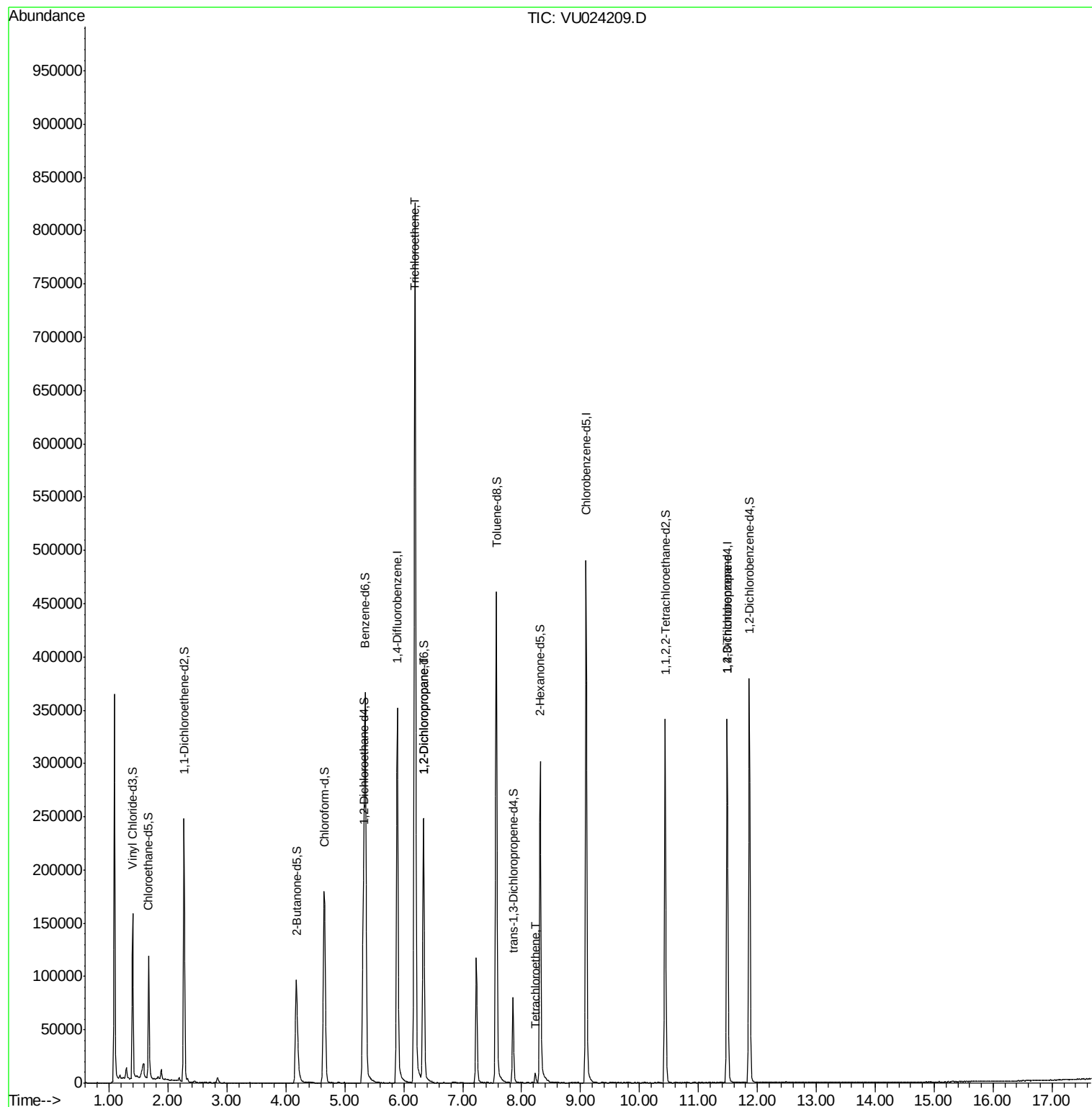
Target Compounds

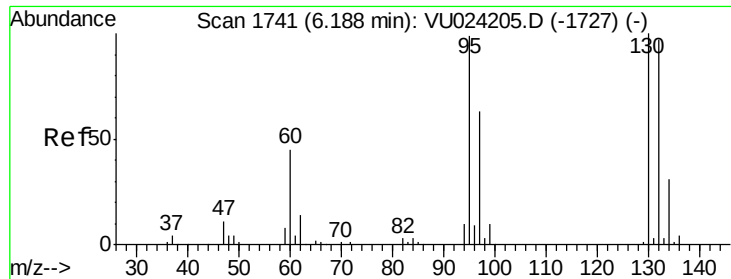
						Qvalue
34) Trichloroethene	6.19	95	299575	113.72	ug/L	99
37) 1,2-Dichloropropane	6.34	63	12879	4.90	ug/L #	89
46) Tetrachloroethene	8.23	164	2292	1.24	ug/L	95
59) 1,2,3-Trichloropropane	11.49	75	11044	3.36	ug/L	93

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

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#34

Trichloroethene

Concen: 113.72 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024209.D

Acq: 28 May 2018 00:16

Tgt Ion: 95 Resp: 299575

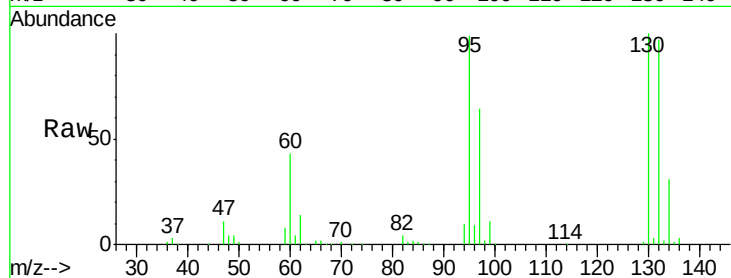
Ion Ratio Lower Upper

95 100

97 64.7 44.5 82.7

132 98.2 69.0 128.2

130 101.2 70.6 131.0

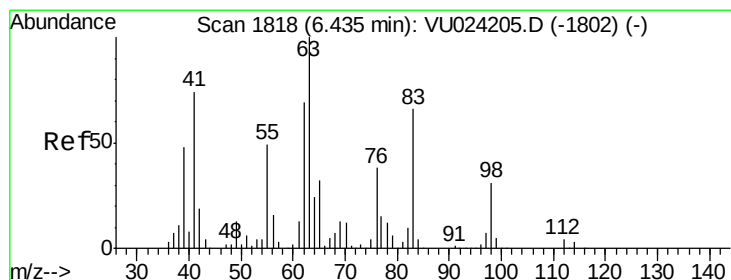
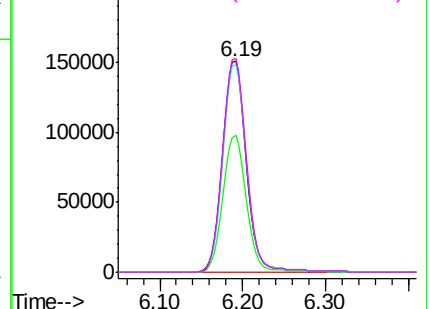
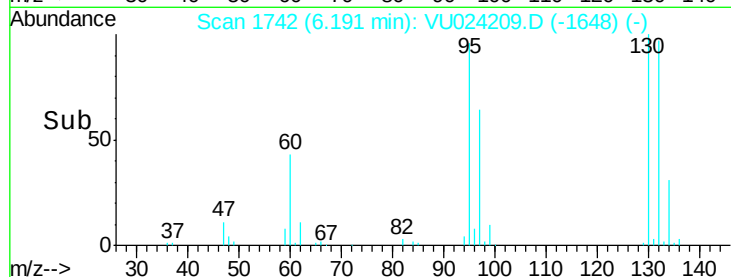


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.90 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU024209.D

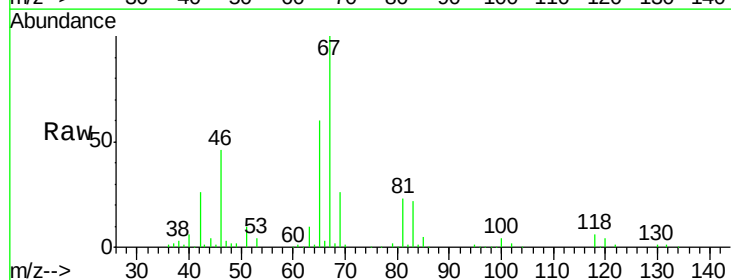
Acq: 28 May 2018 00:16

Tgt Ion: 63 Resp: 12879

Ion Ratio Lower Upper

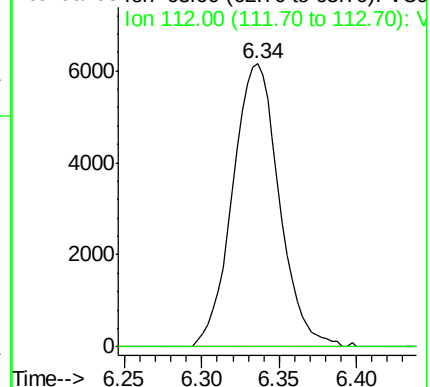
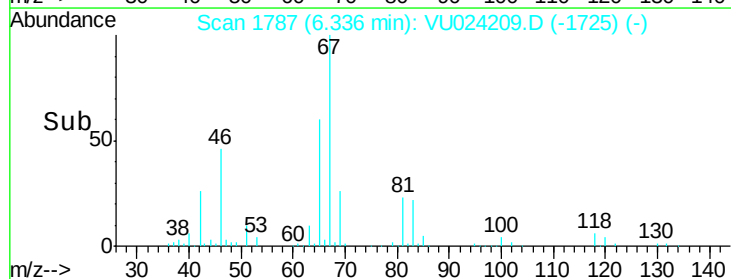
63 100

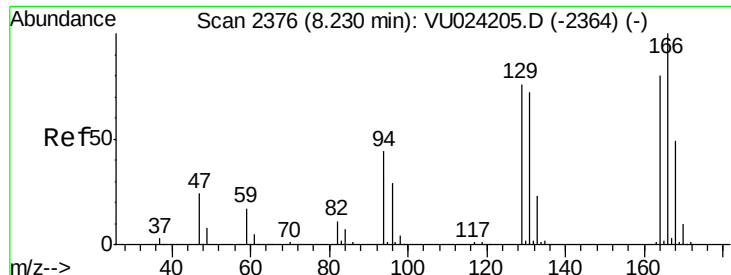
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 1.24 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024209.D

Acq: 28 May 2018 00:16

Tgt Ion: 164 Resp: 2292

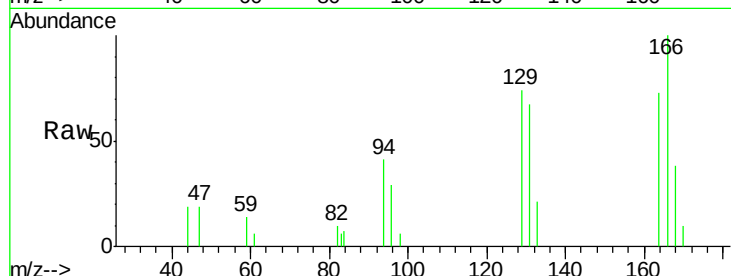
Ion Ratio Lower Upper

164 100

129 100.9 66.6 123.6

131 91.5 64.5 119.9

166 136.1 89.3 165.9

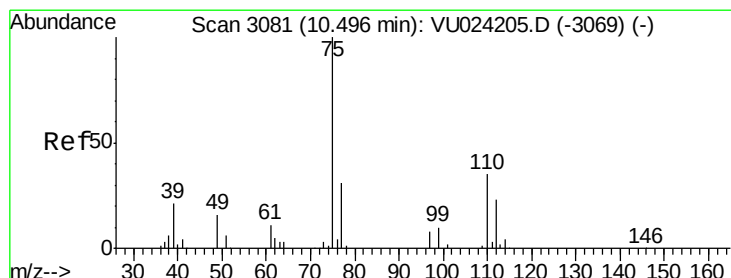
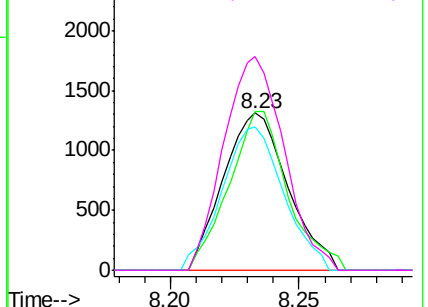
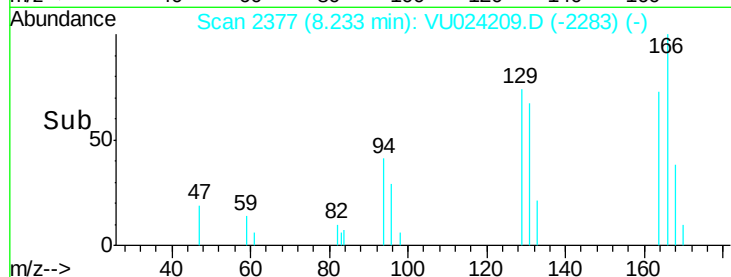


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 3.36 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024209.D

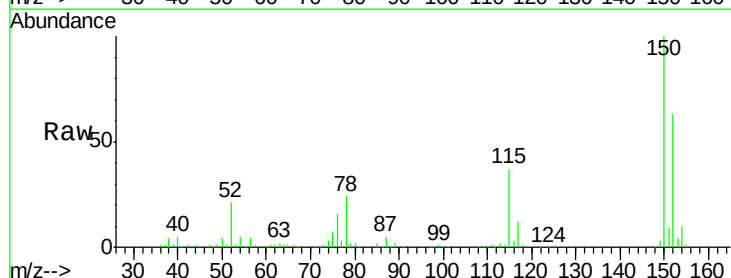
Acq: 28 May 2018 00:16

Tgt Ion: 75 Resp: 11044

Ion Ratio Lower Upper

75 100

77 36.1 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

