

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024200.D
 Acq On : 27 May 2018 20:04
 Operator : MD/SY
 Sample : J3092-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 28 04:22:04 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	305825	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	289097	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	97018	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107429	46.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.42%
7) Chloroethane-d5	1.67	69	89017	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.44%
11) 1,1-Dichloroethene-d2	2.27	63	148730	34.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.78%
21) 2-Butanone-d5	4.18	46	155763	84.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.27%
24) Chloroform-d	4.65	84	188628	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.54%
26) 1,2-Dichloroethane-d4	5.31	65	125391	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
32) Benzene-d6	5.35	84	381665	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.33	67	129020	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.10%
41) Toluene-d8	7.57	98	327476	44.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.32%
43) trans-1,3-Dichloropropene-	7.85	79	46610	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
47) 2-Hexanone-d5	8.31	63	102676	78.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.48%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169899	42.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.94%
64) 1,2-Dichlorobenzene-d4	11.87	152	110222	51.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.64%

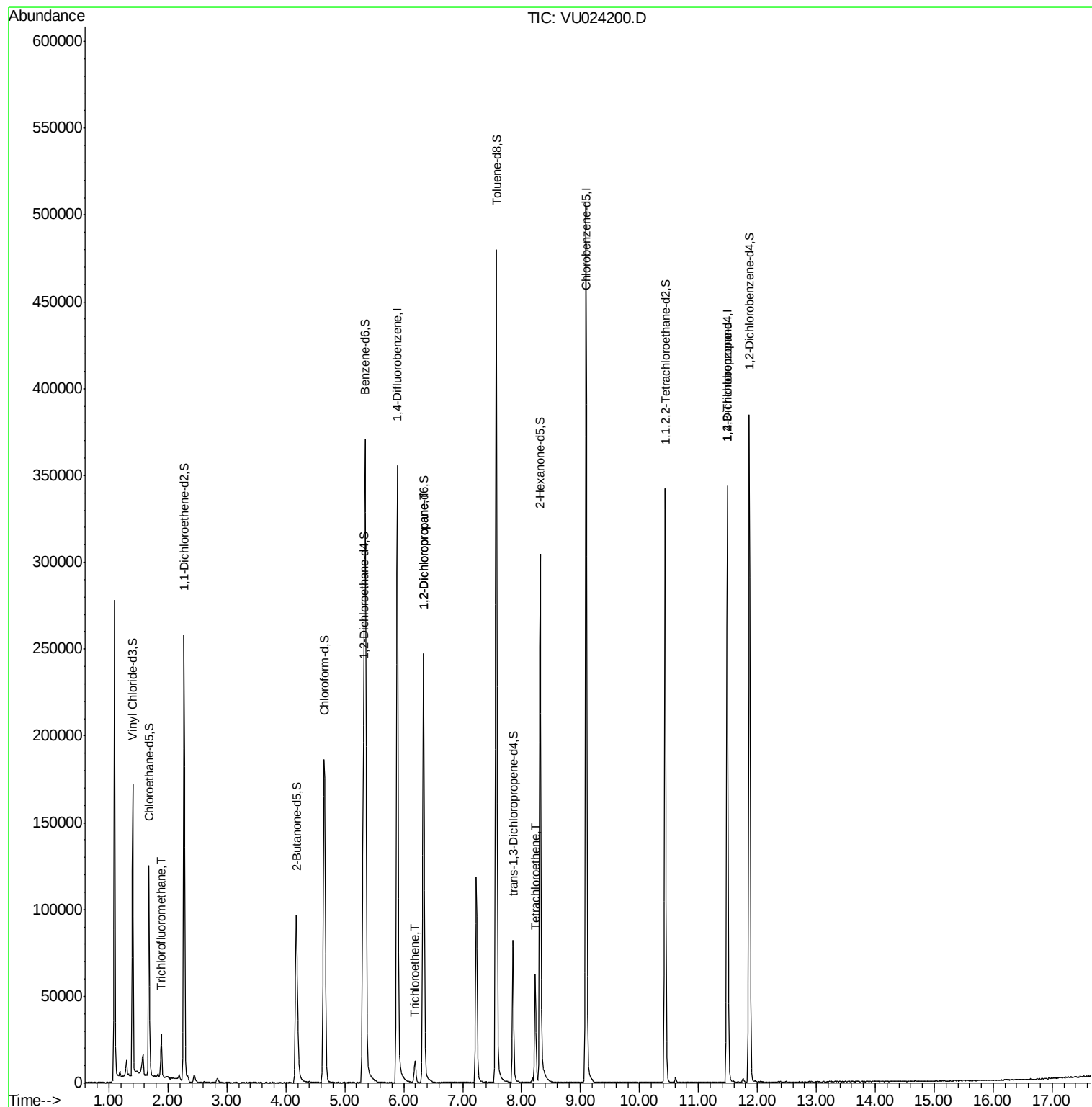
Target Compounds

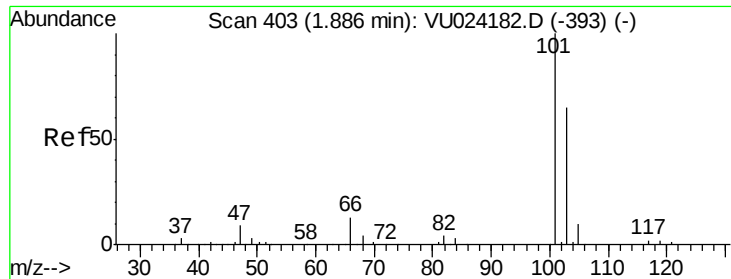
						Qvalue
9) Trichlorofluoromethane	1.89	101	13521	3.65	ug/L	98
34) Trichloroethene	6.19	95	4166	1.54	ug/L	98
37) 1,2-Dichloropropane	6.34	63	13022	4.82	ug/L #	89
46) Tetrachloroethene	8.23	164	14977	7.92	ug/L	97
59) 1,2,3-Trichloropropane	11.49	75	11084	3.28	ug/L #	84

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

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#9

Trichlorofluoromethane

Concen: 3.65 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024200.D

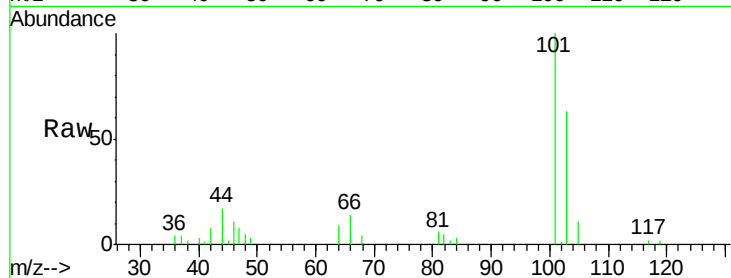
Acq: 27 May 2018 20:04

Tgt Ion: 101 Resp: 13521

Ion Ratio Lower Upper

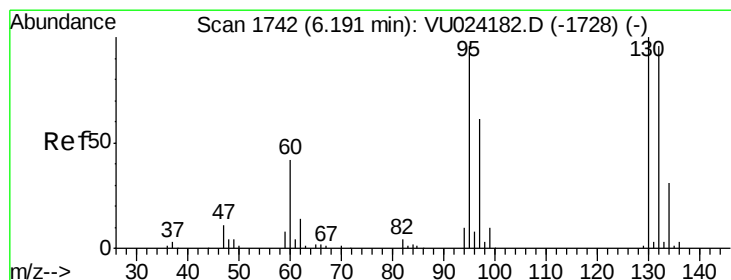
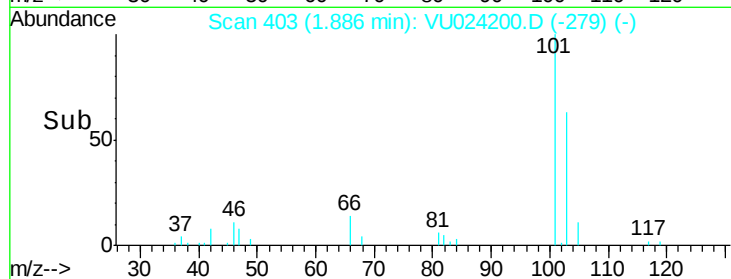
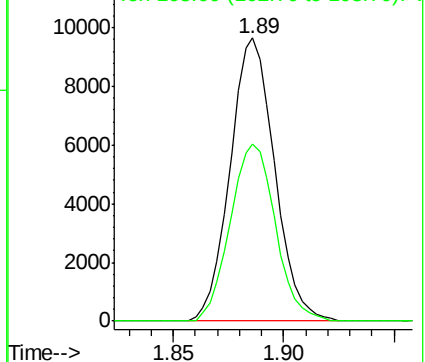
101 100

103 63.6 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 1.54 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024200.D

Acq: 27 May 2018 20:04

Tgt Ion: 95 Resp: 4166

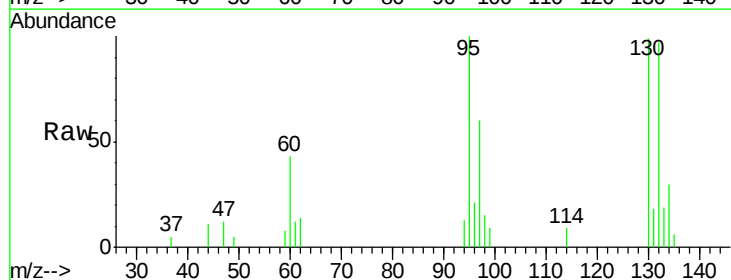
Ion Ratio Lower Upper

95 100

97 60.1 44.5 82.7

132 96.9 69.0 128.2

130 98.9 70.6 131.0

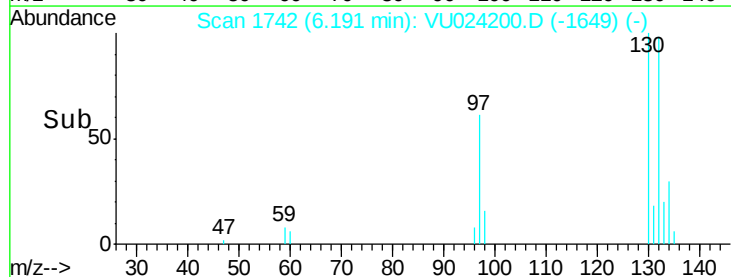
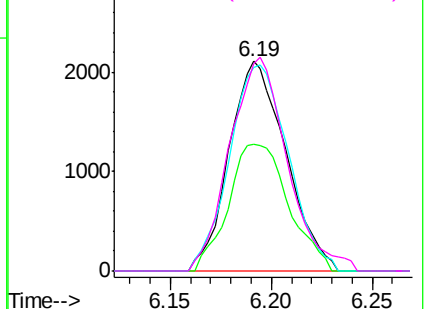


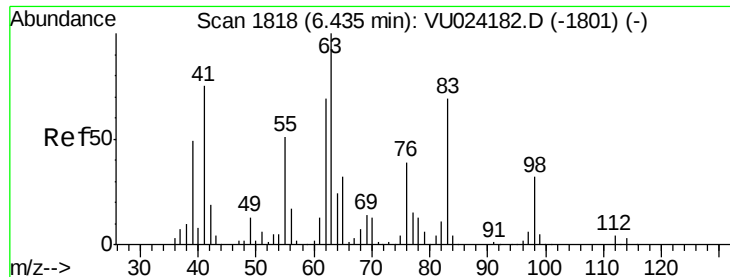
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

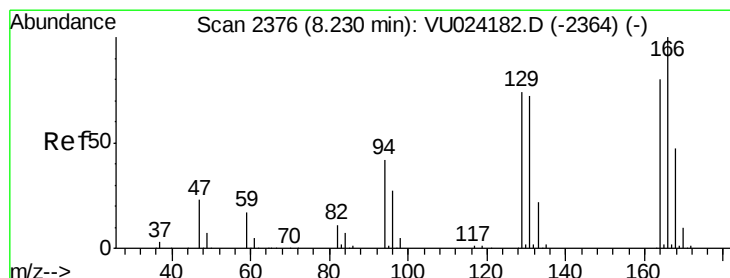
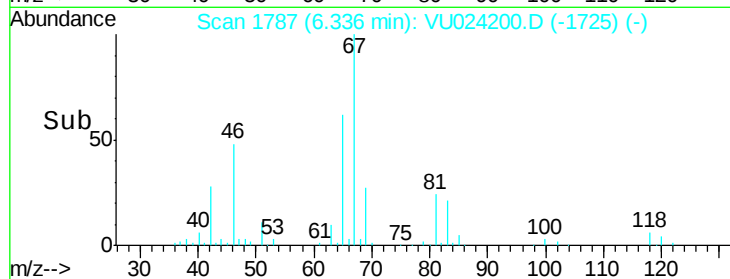
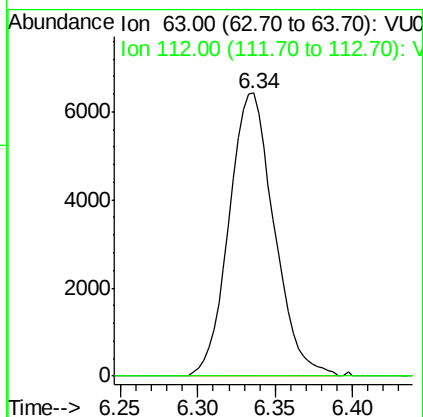
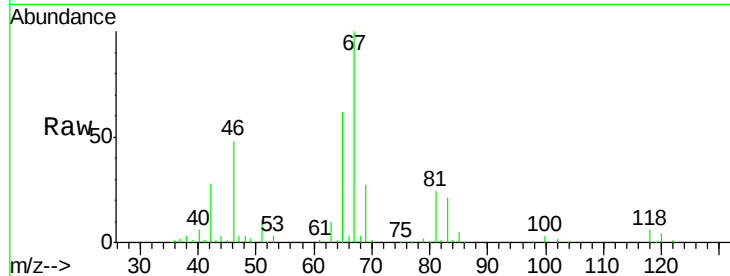
Ion 130.00 (129.70 to 130.70): V





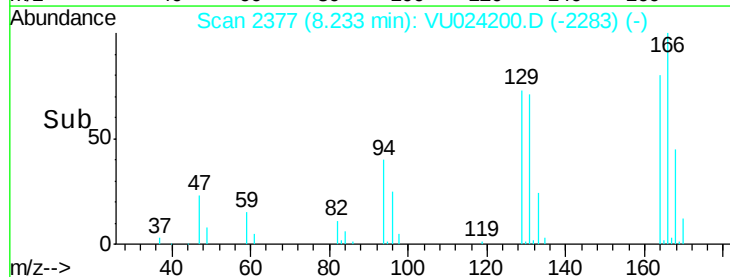
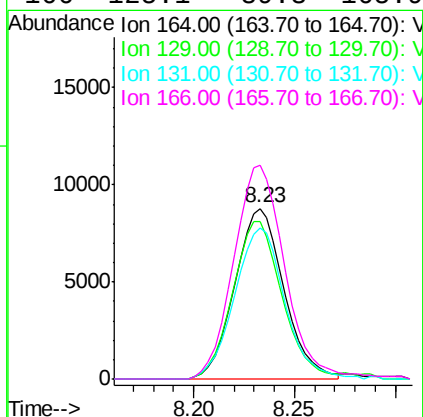
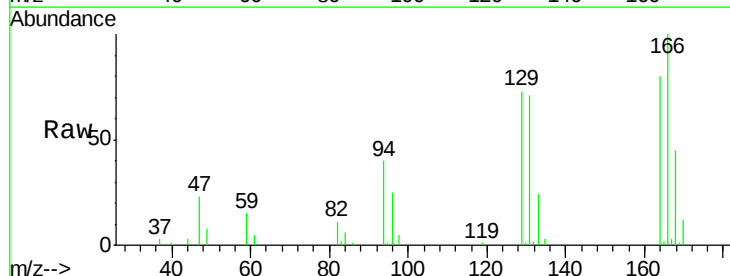
#37
 1,2-Dichloropropane
 Concen: 4.82 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU024200.D
 Acq: 27 May 2018 20:04

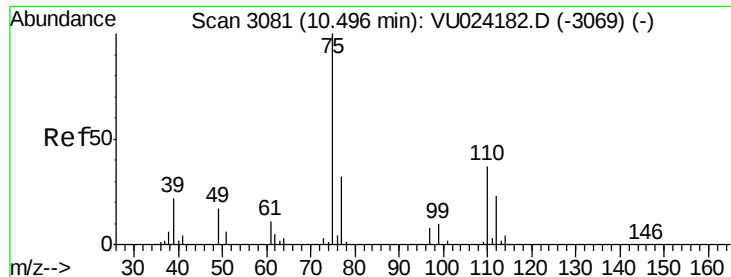
Tgt Ion: 63 Resp: 13022
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#46
 Tetrachloroethene
 Concen: 7.92 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU024200.D
 Acq: 27 May 2018 20:04

Tgt Ion: 164 Resp: 14977
 Ion Ratio Lower Upper
 164 100
 129 91.9 66.6 123.6
 131 88.8 64.5 119.9
 166 125.1 89.3 165.9





#59

1,2,3-Trichloropropane

Concen: 3.28 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024200.D

Acq: 27 May 2018 20:04

Tgt Ion: 75 Resp: 11084

Ion Ratio Lower Upper

75 100

77 40.8 25.5 38.3#

