

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024169.D
 Acq On : 27 May 2018 01:09
 Operator : MD/SY
 Sample : J3092-02 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 28 02:20:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:19:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	289217	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	272229	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	92662	50.00	ug/L	0.00

System Monitoring Compounds

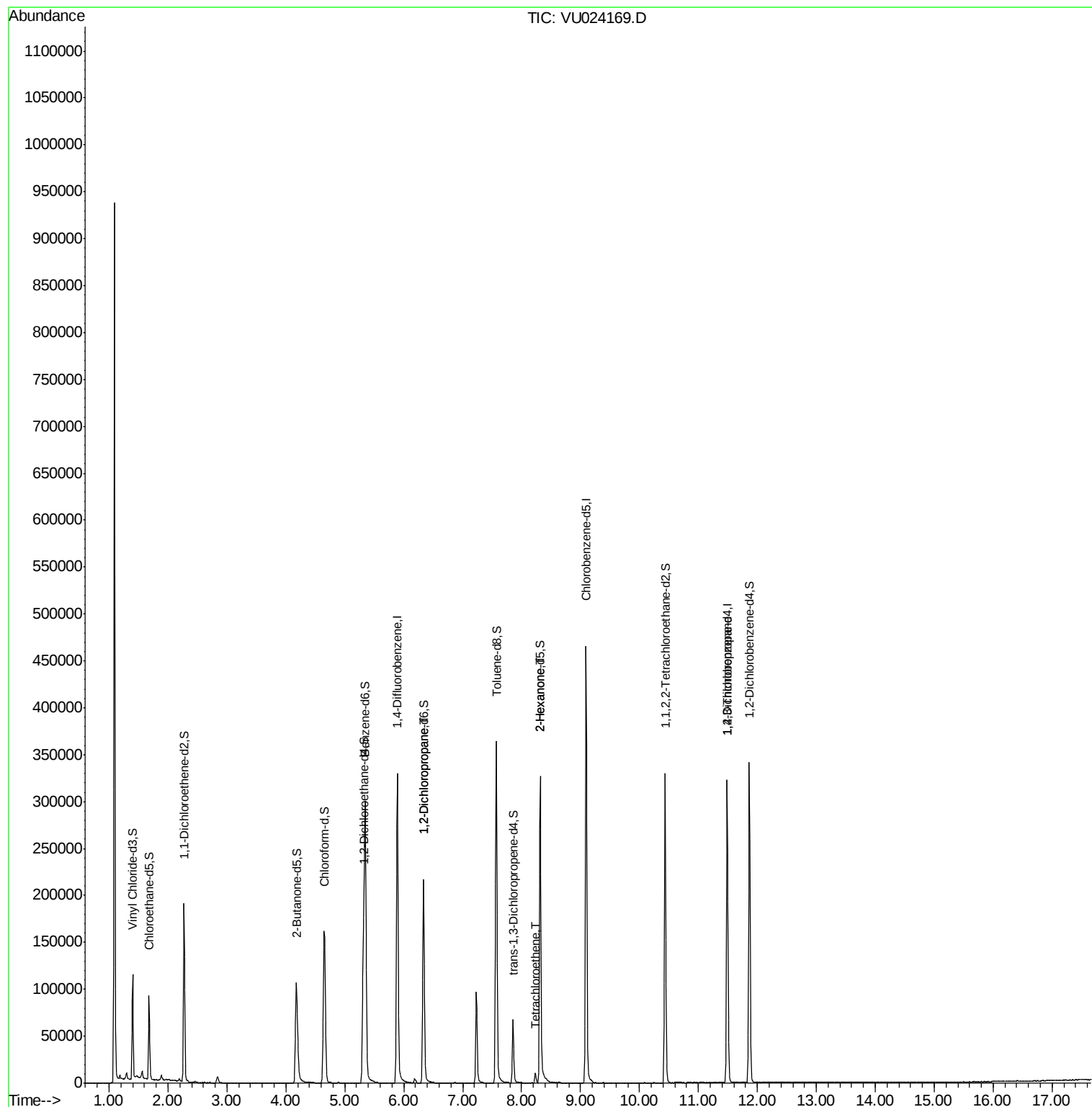
4) Vinyl Chloride-d3	1.40	65	73958	33.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.28%
7) Chloroethane-d5	1.68	69	67027	38.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.78%
11) 1,1-Dichloroethene-d2	2.27	63	109490	26.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.54%#
21) 2-Butanone-d5	4.18	46	168509	96.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.40%
24) Chloroform-d	4.65	84	166276	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.31	65	109370	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
32) Benzene-d6	5.35	84	307437	40.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.62%
36) 1,2-Dichloropropane-d6	6.34	67	111768	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.56%
41) Toluene-d8	7.57	98	254084	36.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.78%#
43) trans-1,3-Dichloropropene-	7.85	79	39045	38.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.06%
47) 2-Hexanone-d5	8.31	63	114224	92.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.72%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	165855	44.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.06%
64) 1,2-Dichlorobenzene-d4	11.87	152	98250	48.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.72%

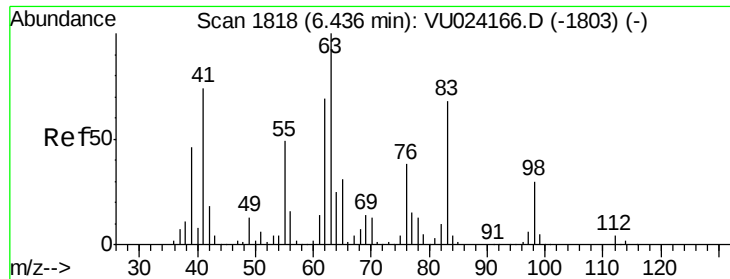
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.34	63	11448	4.50	ug/L #	89
46) Tetrachloroethene	8.24	164	2604	1.46	ug/L	96
48) 2-Hexanone	8.31	43	13339	4.91	ug/L #	66
59) 1,2,3-Trichloropropane	11.49	75	10389	3.27	ug/L	90

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

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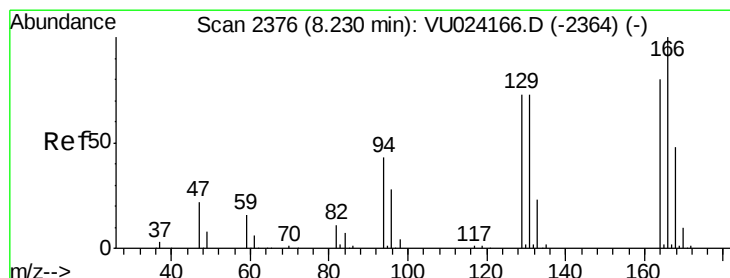
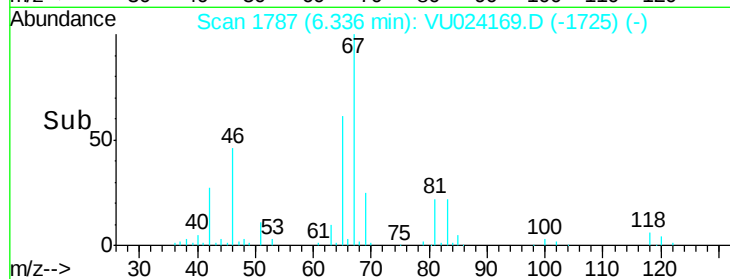
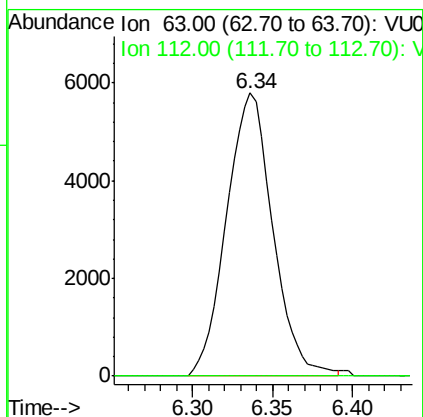
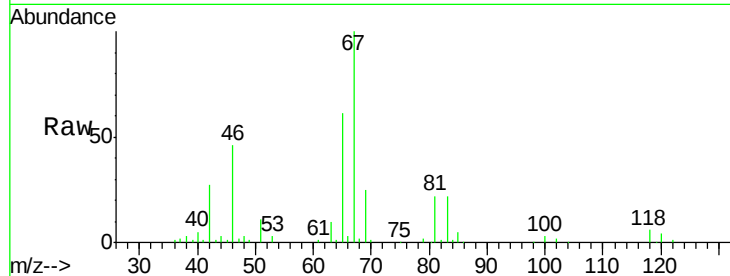
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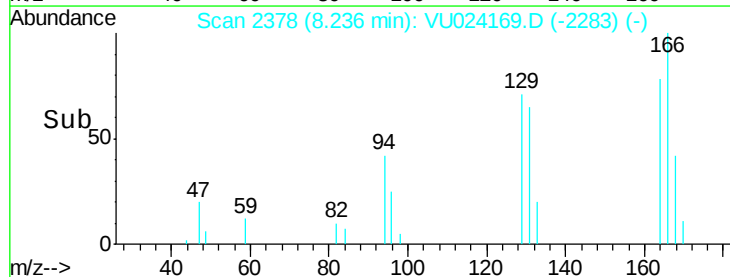
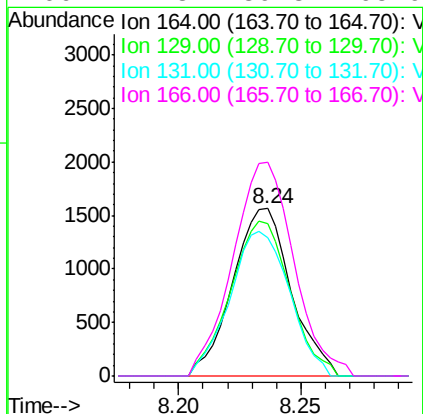
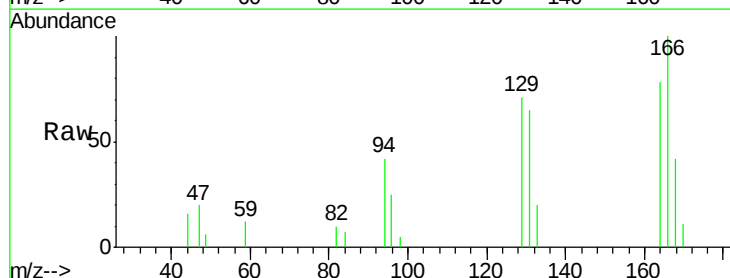
#37
 1,2-Dichloropropane
 Concen: 4.50 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU024169.D
 Acq: 27 May 2018 01:09

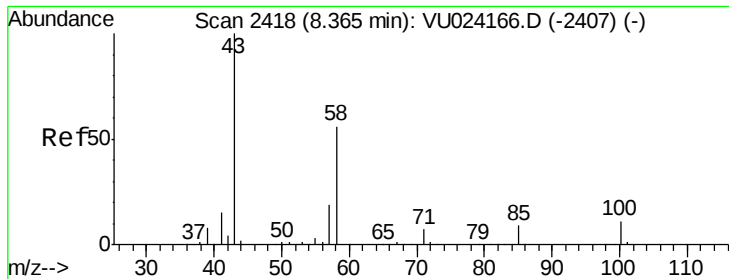
Tgt Ion: 63 Resp: 11448
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#46
 Tetrachloroethene
 Concen: 1.46 ug/L
 RT: 8.24 min Scan# 2378
 Delta R.T. 0.01 min
 Lab File: VU024169.D
 Acq: 27 May 2018 01:09

Tgt Ion: 164 Resp: 2604
 Ion Ratio Lower Upper
 164 100
 129 91.2 66.6 123.6
 131 82.9 64.5 119.9
 166 127.8 89.3 165.9





#48

2-Hexanone

Concen: 4.91 ug/L

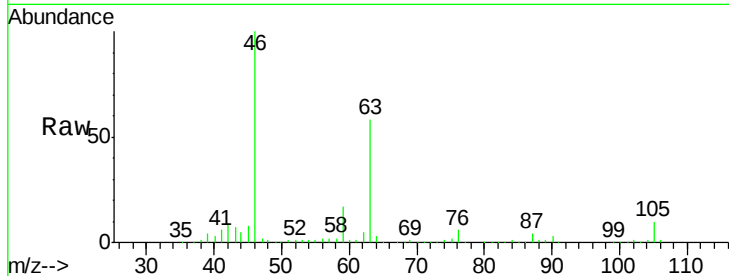
RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024169.D

Acq: 27 May 2018 01:09

Tgt Ion:	43	Resp:	13339
Ion	Ratio	Lower	Upper
43	100		
58	28.5	44.6	67.0#
57	32.8	15.3	22.9#
100	1.9	8.9	13.3#

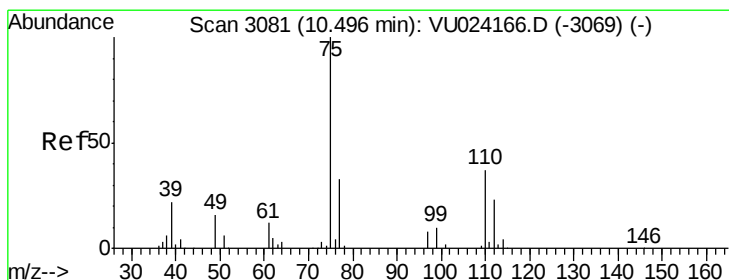
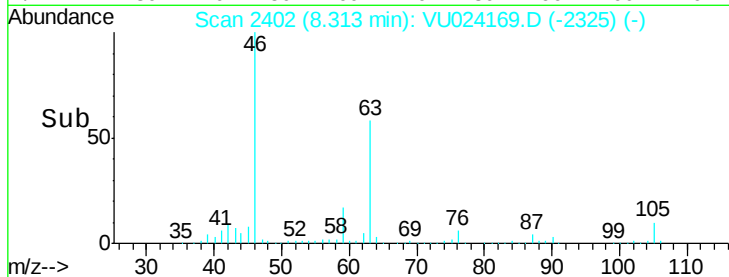
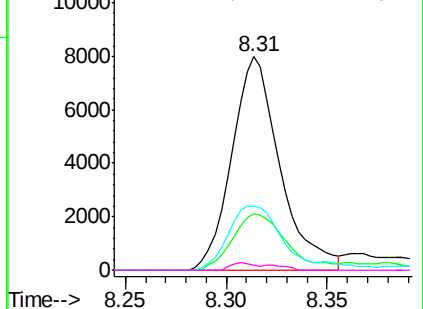


Abundance Ion 43.00 (42.70 to 43.70): VU024166.D (-2407) (-)

Ion 58.00 (57.70 to 58.70): VU024166.D (-2407) (-)

Ion 57.00 (56.70 to 57.70): VU024166.D (-2407) (-)

Ion 100.00 (99.70 to 100.70): VU024166.D (-2407) (-)



#59

1,2,3-Trichloropropane

Concen: 3.27 ug/L

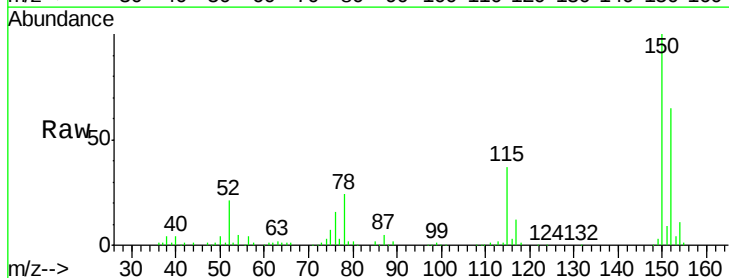
RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024169.D

Acq: 27 May 2018 01:09

Tgt Ion:	75	Resp:	10389
Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.5	38.3



Abundance Ion 75.00 (74.70 to 75.70): VU024166.D (-3069) (-)

Ion 77.00 (76.70 to 77.70): VU024166.D (-3069) (-)

