

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061518\
 Data File : VU024594.D
 Acq On : 15 Jun 2018 15:28
 Operator : MD/SY
 Sample : J3511-06
 Misc : 4.32g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEBY3

Quant Time: Jun 16 01:42:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 16 00:38:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	363500	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	359171	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	197161	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68898	33.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.22%
7) Chloroethane-d5	1.64	69	36343	22.71	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.42%#
11) 1,1-Dichloroethene-d2	2.08	63	149	0.04	ug/L	-0.20
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.19	46	149431	85.09	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.09%
24) Chloroform-d	4.65	84	152455	36.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.74%
26) 1,2-Dichloroethane-d4	5.31	65	99816	37.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.94%
32) Benzene-d6	5.34	84	310956	35.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.12%
36) 1,2-Dichloropropane-d6	6.33	67	105628	36.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.82%
41) Toluene-d8	7.57	98	313890	35.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.14%#
43) trans-1,3-Dichloropropene-	7.86	79	55141	37.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.50%
47) 2-Hexanone-d5	8.33	63	128786	86.22	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.22%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170650	40.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	11.87	152	146895	38.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.22%#

Target Compounds

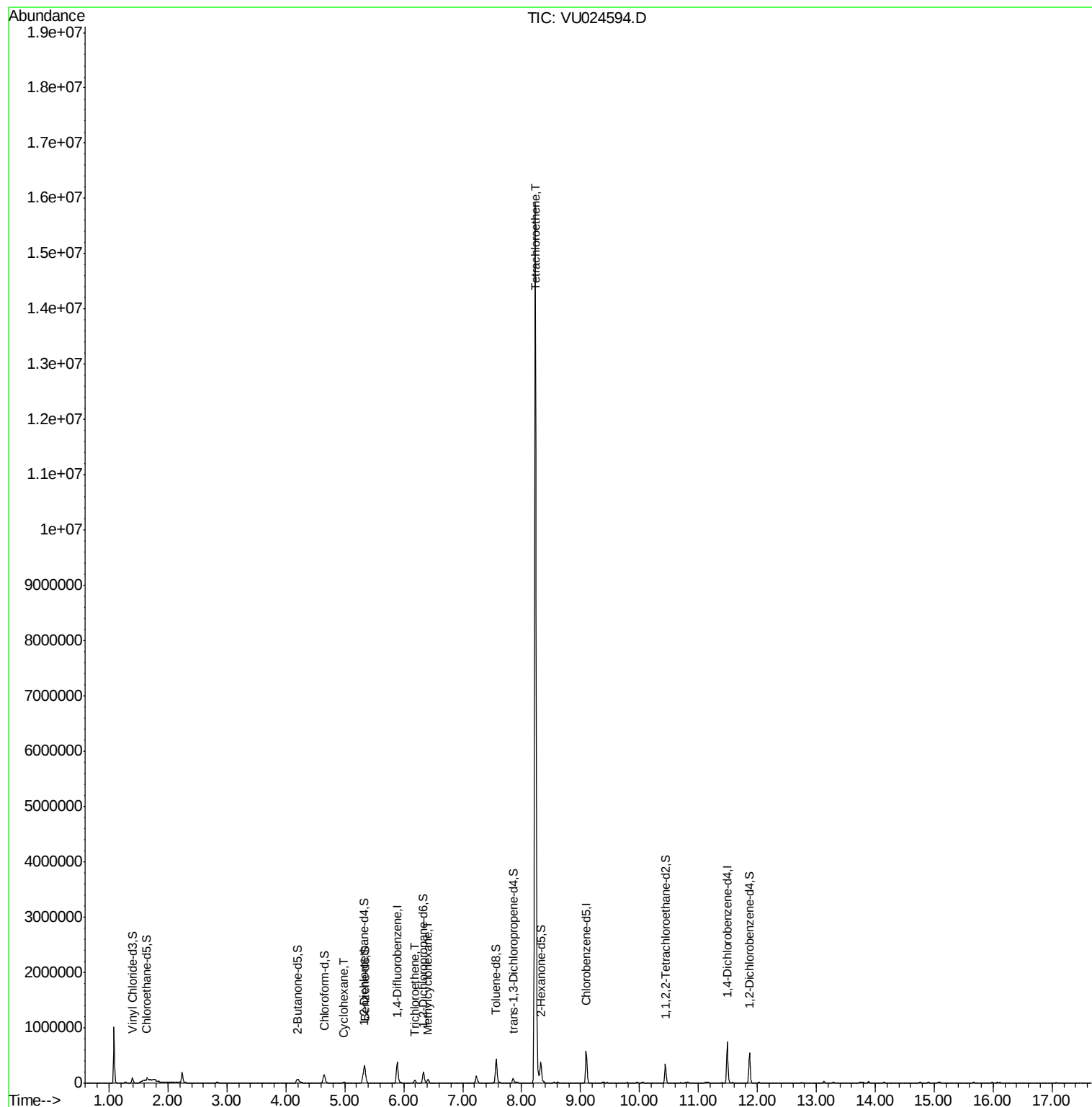
					Qvalue
29) Cyclohexane	4.99	56	6634	1.490 ug/L	97
34) Trichloroethene	6.18	95	17494	5.997 ug/L	97
35) Methylcyclohexane	6.41	83	24704	5.268 ug/L	95
46) Tetrachloroethene	8.23	164	3684805	1500.669 ug/L	98

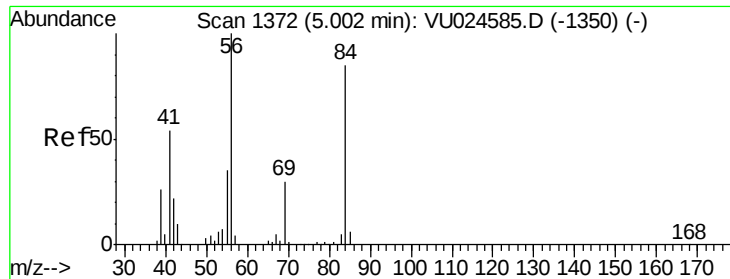
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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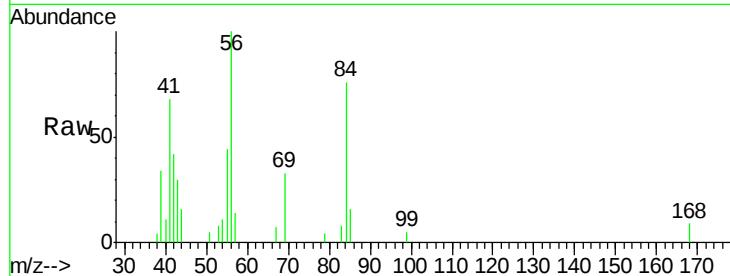




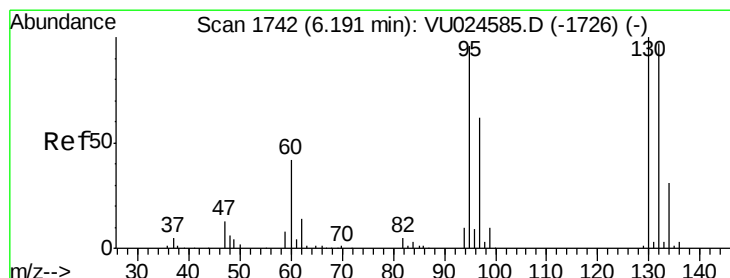
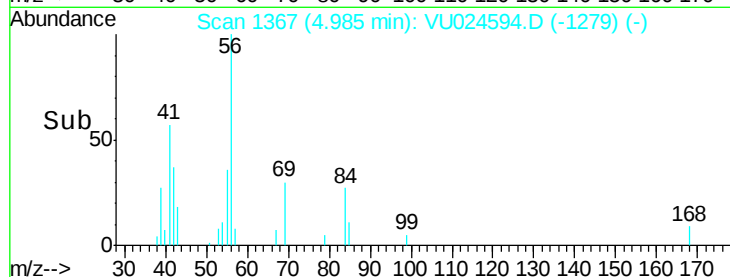
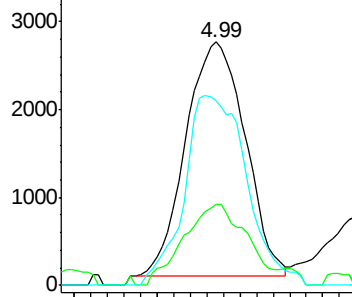
#29
Cyclohexane
Concen: 1.490 ug/L
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU024594.D
Acq: 15 Jun 2018 15:28

Instrument :
MSVOA_U
ClientSampleId :
BEBY3

Tgt Ion: 56 Resp: 6634
Ion Ratio Lower Upper
56 100
69 36.7 24.7 37.1
84 85.4 68.8 103.2

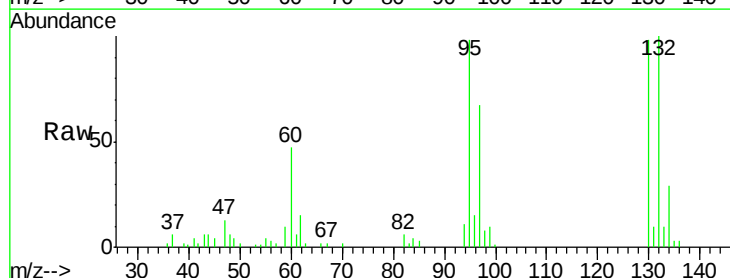


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

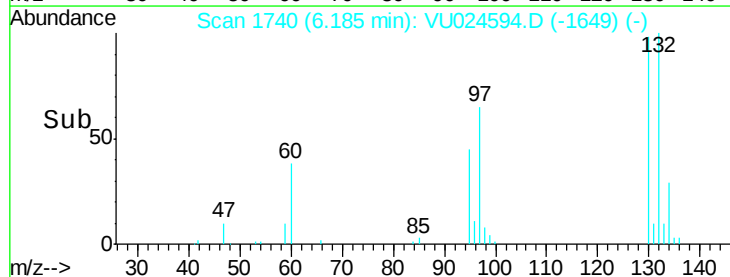
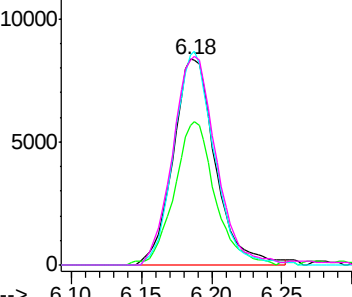


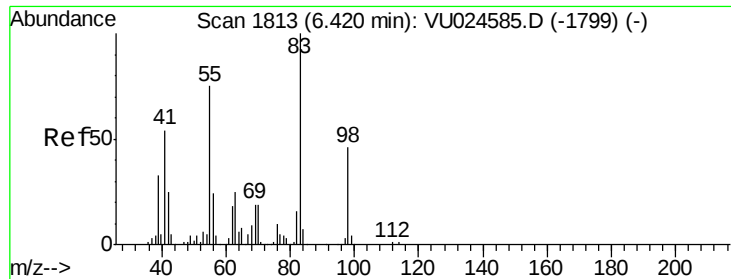
#34
Trichloroethene
Concen: 5.997 ug/L
RT: 6.18 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VU024594.D
Acq: 15 Jun 2018 15:28

Tgt Ion: 95 Resp: 17494
Ion Ratio Lower Upper
95 100
97 67.7 44.8 83.2
132 101.6 70.4 130.8
130 99.2 72.6 134.8



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

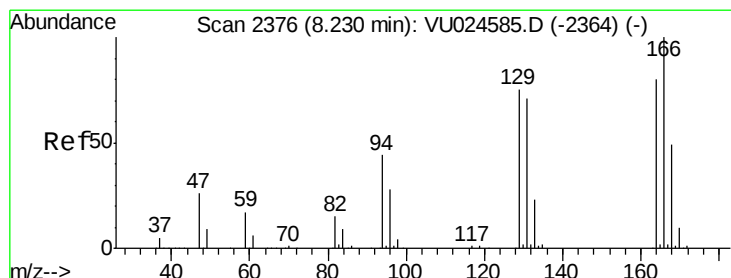
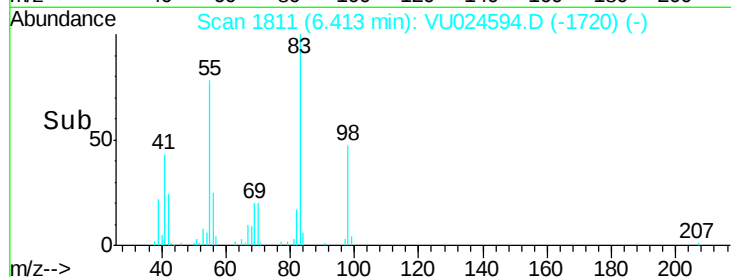
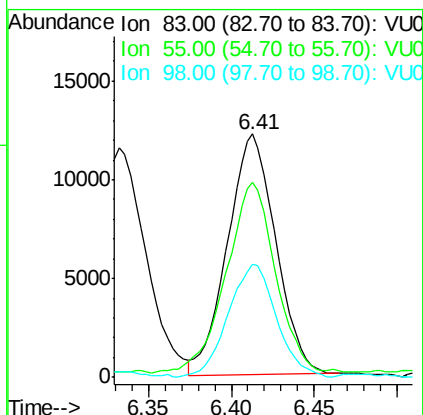
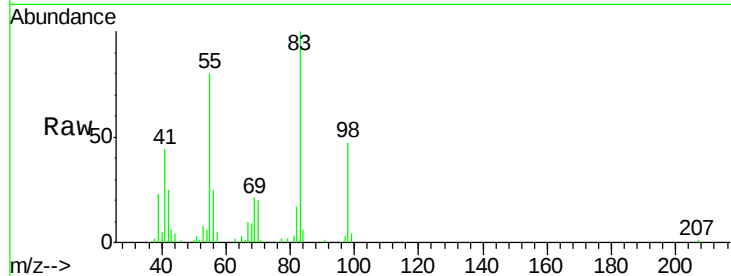




#35
Methylcyclohexane
Concen: 5.268 ug/L
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU024594.D
Acq: 15 Jun 2018 15:28

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 83 Resp: 24704
Ion Ratio Lower Upper
83 100
55 80.7 59.4 89.0
98 46.7 37.6 56.4



#46
Tetrachloroethene
Concen: 1500.669 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024594.D
Acq: 15 Jun 2018 15:28

Tgt Ion:164 Resp: 3684805
Ion Ratio Lower Upper
164 100
129 95.3 65.7 121.9
131 90.9 62.0 115.2
166 126.5 87.8 163.0

