

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037264.D
 Acq On : 14 Mar 2020 15:45
 Operator : JC/MD
 Sample : L1900-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NE3

Quant Time: Mar 16 05:37:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	120292	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119201	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35925	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	30868	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.59	63	51070	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.67	46	99661	49.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.64%
24) Chloroform-d	5.10	84	75441	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.74	65	46018	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	140069	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.73	67	45863	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.93	98	124686	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	17342	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.66	63	78717	49.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	35992	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	44580	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

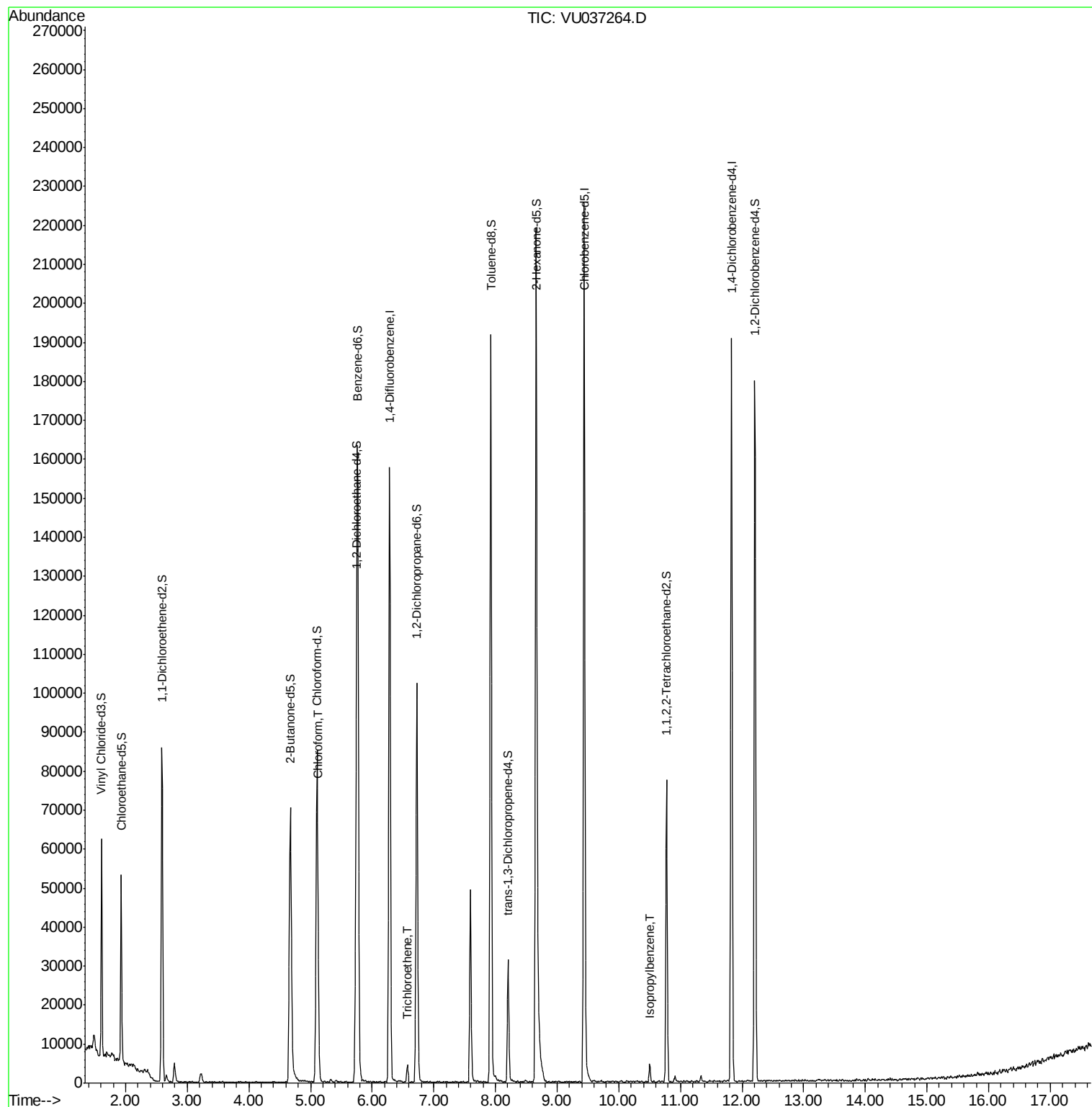
Target Compounds					Ovalue
25) Chloroform	5.12	83	6934	0.378 ug/L	99
34) Trichloroethene	6.58	95	1515	0.159 ug/L	80
56) Isopropylbenzene	10.50	105	3474	0.088 ug/L	97

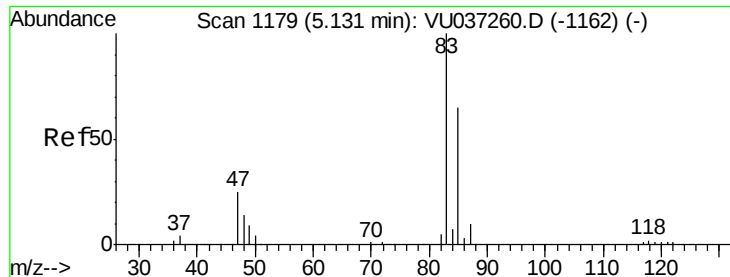
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.378 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.01 min

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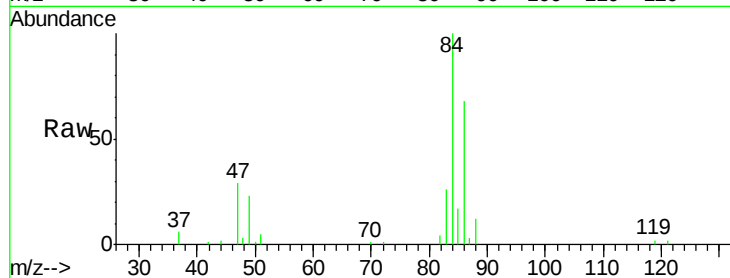
CONE3

Tot Ion: 83 Resp: 6934

Ion Ratio Lower Upper

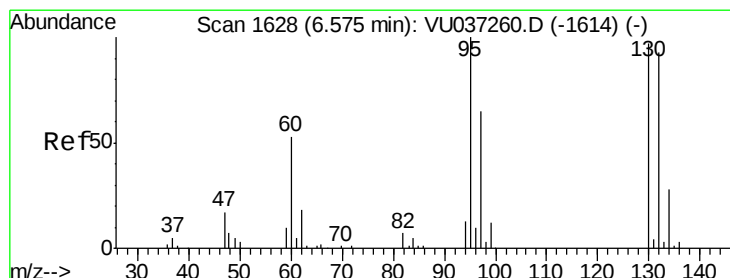
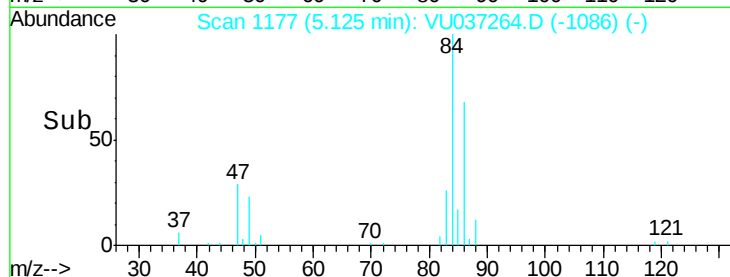
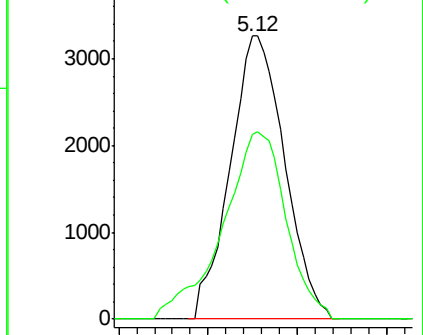
83 100

85 65.4 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 0.159 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 1515

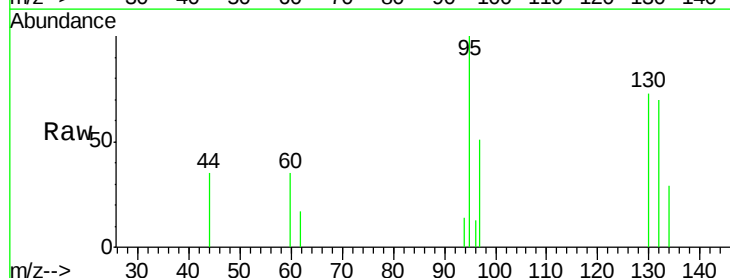
Ion Ratio Lower Upper

95 100

97 51.2 45.4 84.4

132 70.0 63.7 118.3

130 72.7 64.8 120.4

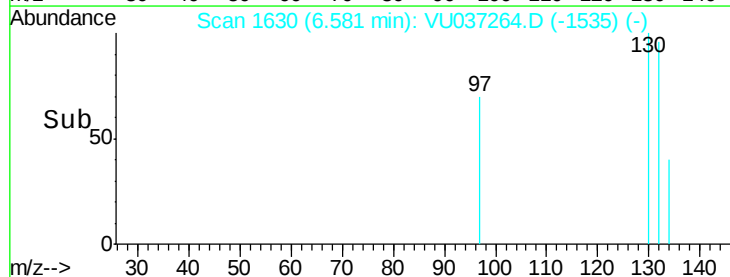
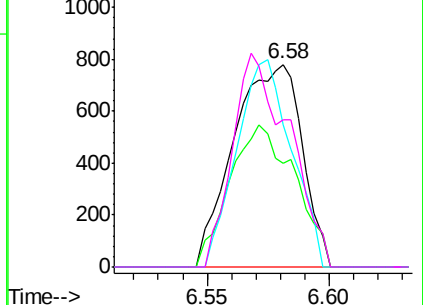


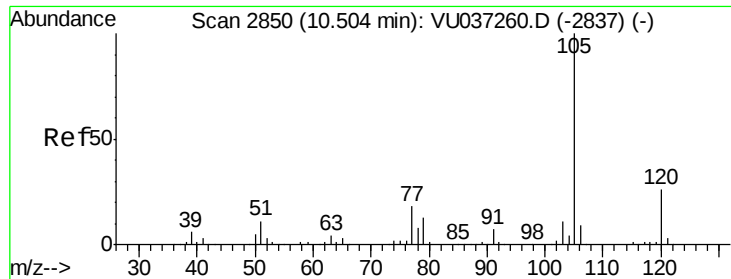
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#56

Isopropylbenzene

Concen: 0.088 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. 0.00 min

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CONE3

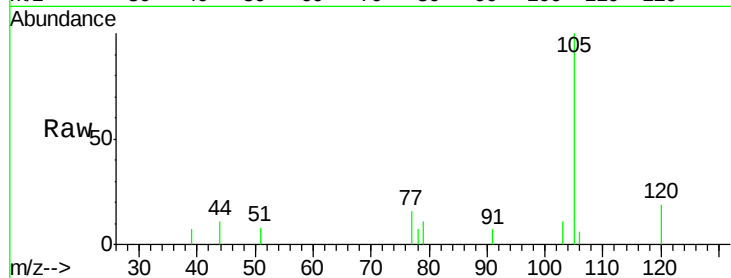
Tot Ion:105 Resp: 3474

Ion Ratio Lower Upper

105 100

120 23.9 20.5 30.7

77 17.0 14.2 21.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU

