

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031320\
 Data File : VU037255.D
 Acq On : 13 Mar 2020 20:40
 Operator : JC/MD
 Sample : L1900-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONC4

Quant Time: Mar 14 02:04:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 14 00:24:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	118028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119281	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50906	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35725	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.93	69	31265	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.59	63	52338	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.67	46	96850	48.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.70%
24) Chloroform-d	5.11	84	69192	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.74	65	45237	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	136869	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.73	67	44754	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.92	98	124054	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.20	79	17507	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.66	63	79189	49.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36301	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	45957	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

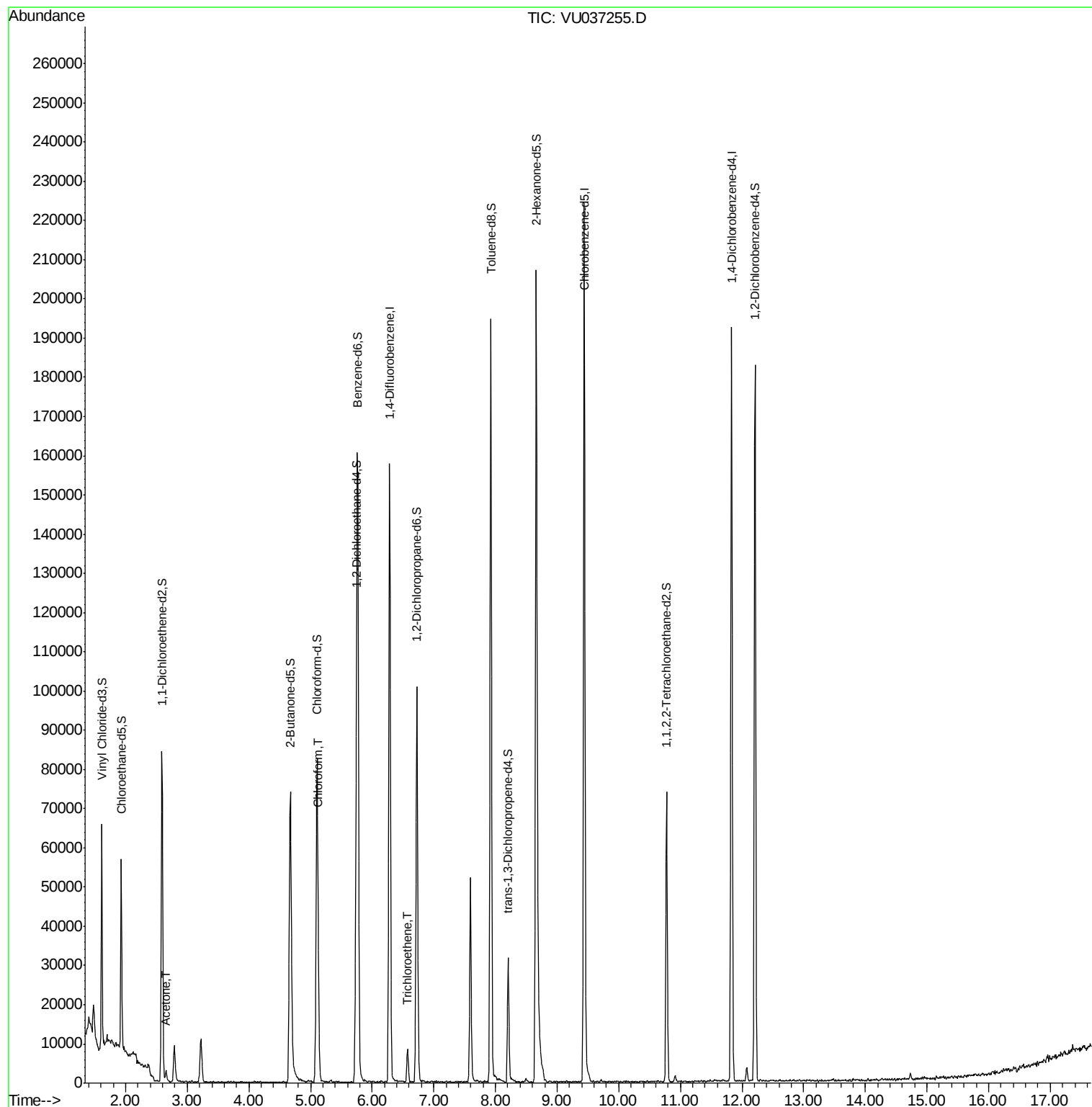
Target Compounds					Ovalue
13) Acetone	2.66	43	2763	1.701 ug/L	97
25) Chloroform	5.13	83	8718	0.485 ug/L	97
34) Trichloroethene	6.58	95	2774	0.291 ug/L	90

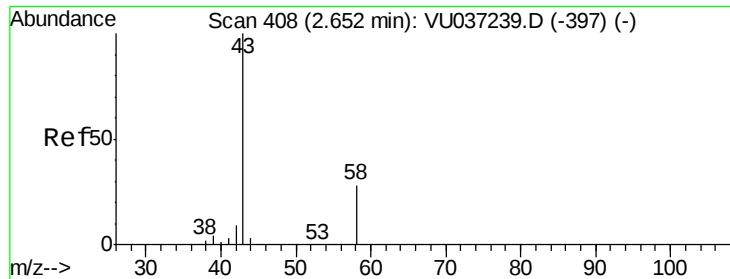
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.701 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037255.D

Acq: 13 Mar 2020 20:40

Instrument :

MSVOA_U

ClientSampled :

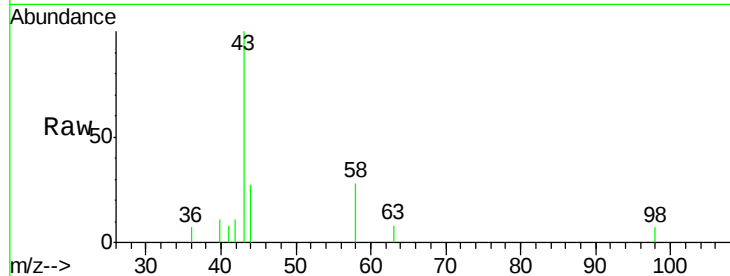
C0NC4

Tot Ion: 43 Resp: 2763

Ion Ratio Lower Upper

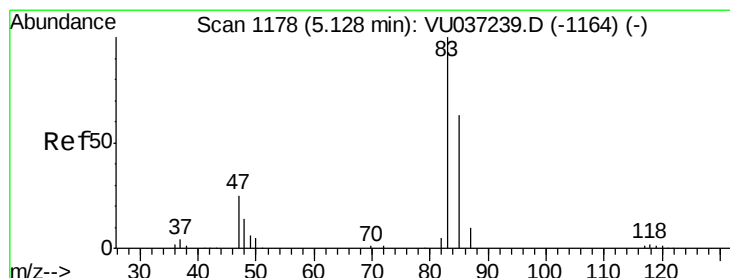
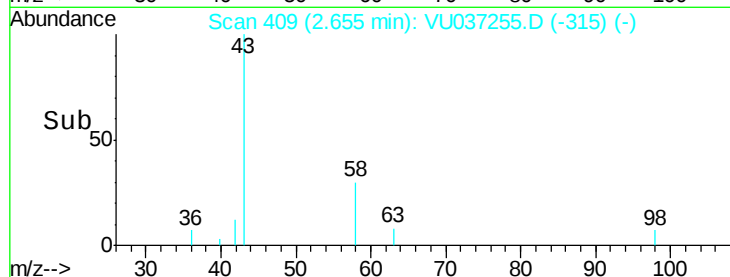
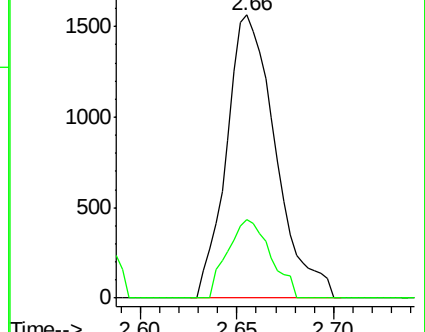
43 100

58 24.3 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037239.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU037239.D (-397) (-)



#25

Chloroform

Concen: 0.485 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU037255.D

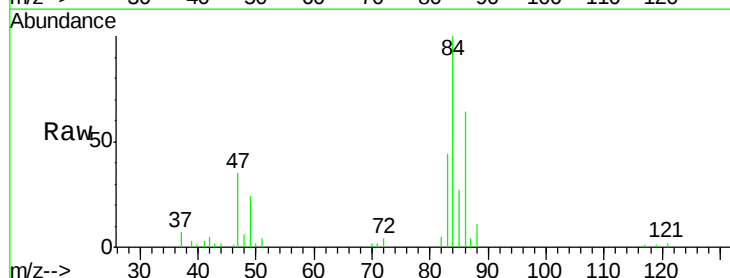
Acq: 13 Mar 2020 20:40

Tgt Ion: 83 Resp: 8718

Ion Ratio Lower Upper

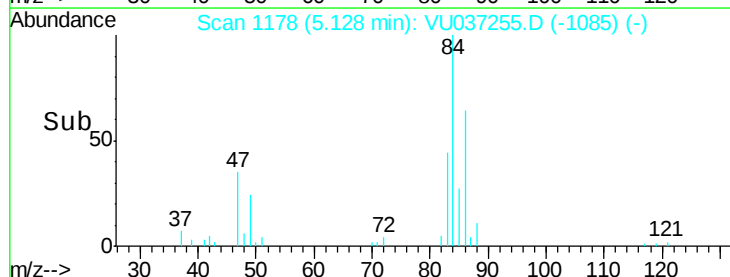
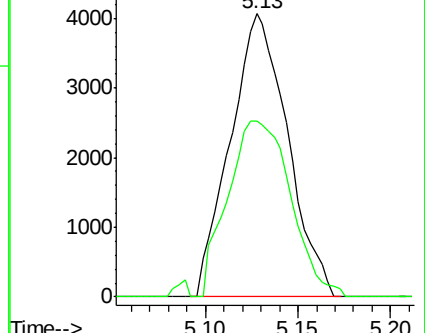
83 100

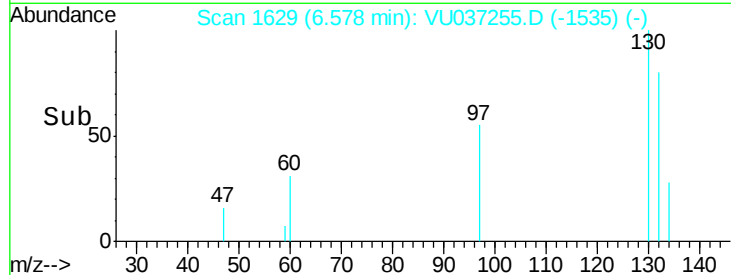
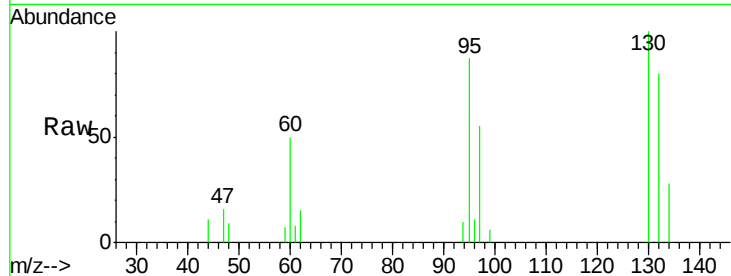
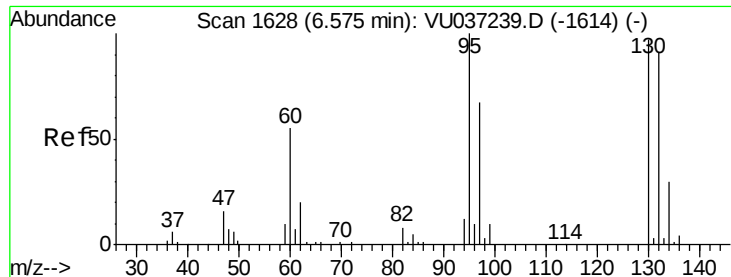
85 62.2 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU037239.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU037239.D (-1164) (-)





#34

Trichloroethene

Concen: 0.291 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

C0NC4

Tot Ion: 95 Resp: 2774

Ion Ratio Lower Upper

95 100

97 63.3 45.4 84.4

132 92.3 63.7 118.3

130 115.3 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

