

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040620\
 Data File : VU037585.D
 Acq On : 06 Apr 2020 13:15
 Operator : JC/MD
 Sample : L2158-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EY9

Quant Time: Apr 07 01:16:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 07 00:48:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	153388	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	141230	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	66842	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	55251	44.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.70%
7) Chloroethane-d5	1.93	69	46317	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.56%
11) 1,1-Dichloroethene-d2	2.59	63	76610	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	4.67	46	99132	105.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	5.10	84	98740	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
26) 1,2-Dichloroethane-d4	5.74	65	66724	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
32) Benzene-d6	5.76	84	206077	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
36) 1,2-Dichloropropane-d6	6.72	67	69866	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.44%
41) Toluene-d8	7.92	98	191069	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	8.20	79	35418	47.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.72%
47) 2-Hexanone-d5	8.65	63	79404	108.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101788	51.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.38%
64) 1,2-Dichlorobenzene-d4	12.20	152	69458	50.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.84%

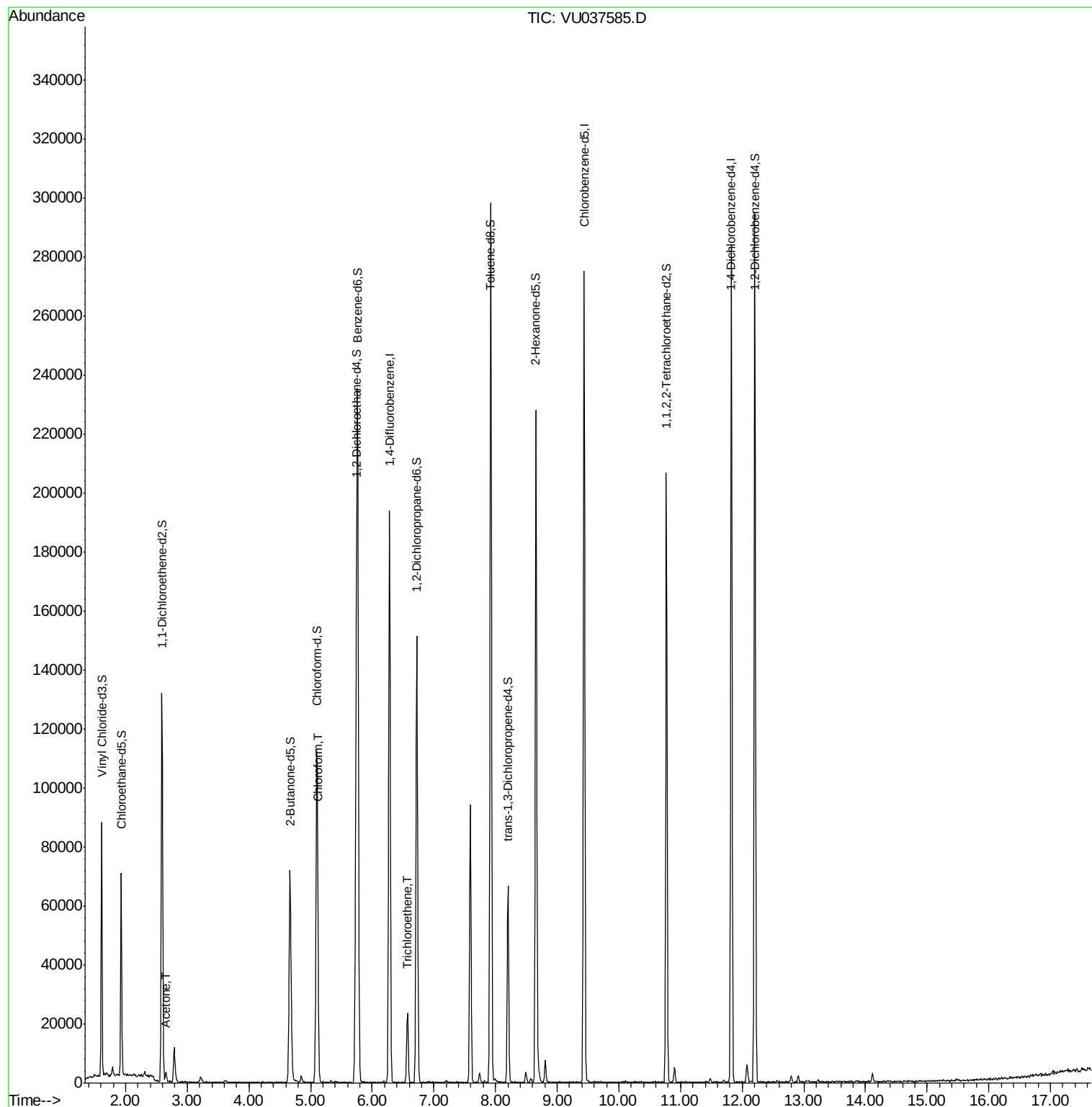
Target Compounds					Ovalue
13) Acetone	2.66	43	3543	6.546 ug/L	93
25) Chloroform	5.12	83	2897	1.605 ug/L	87
34) Trichloroethene	6.57	95	8021	8.289 ug/L	95

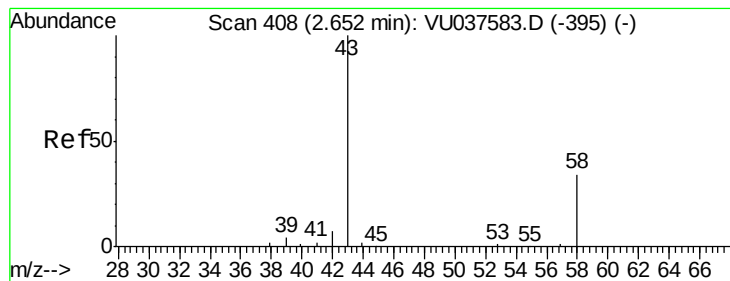
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.546 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

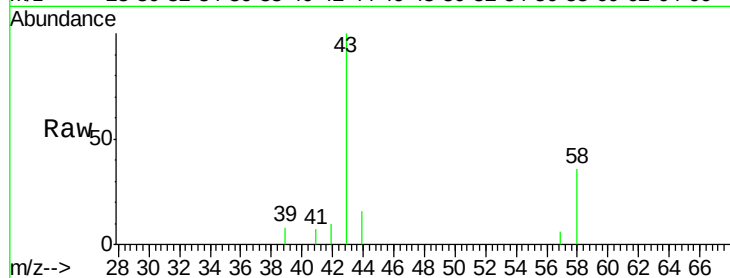
C0EY9

Tot Ion: 43 Resp: 3543

Ion Ratio Lower Upper

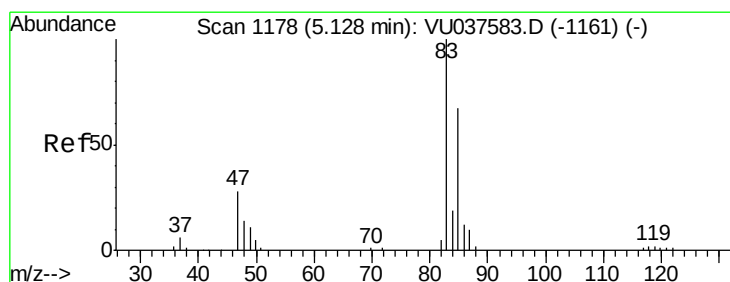
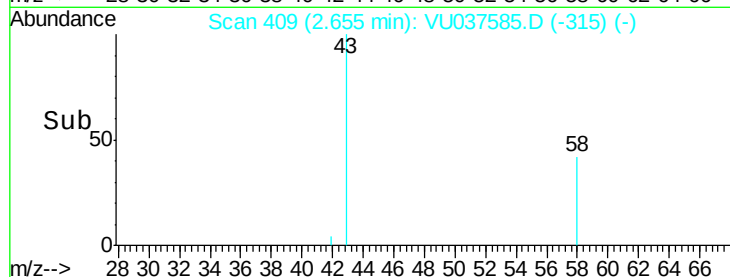
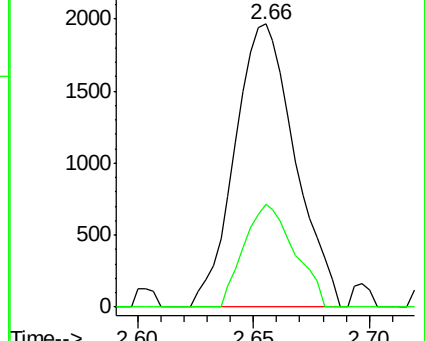
43 100

58 30.4 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VU037583.D (-395) (-)

Ion 58.00 (57.70 to 58.70): VU037583.D (-395) (-)



#25

Chloroform

Concen: 1.605 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037585.D

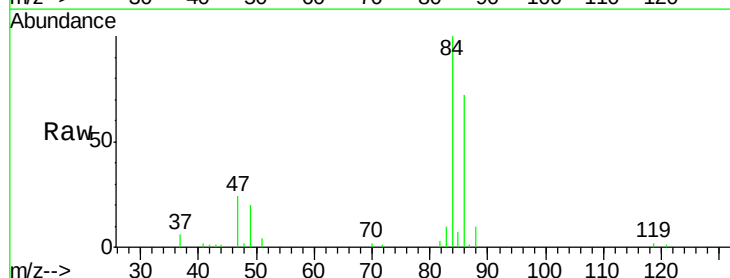
Acq: 06 Apr 2020 13:15

Tgt Ion: 83 Resp: 2897

Ion Ratio Lower Upper

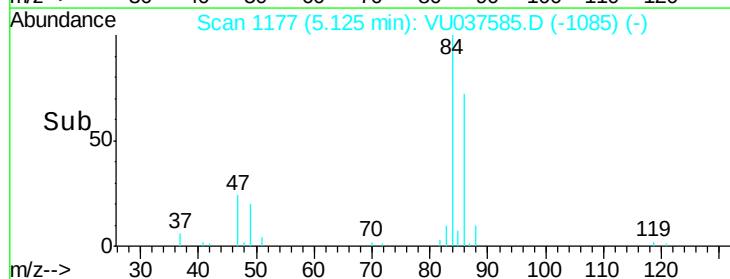
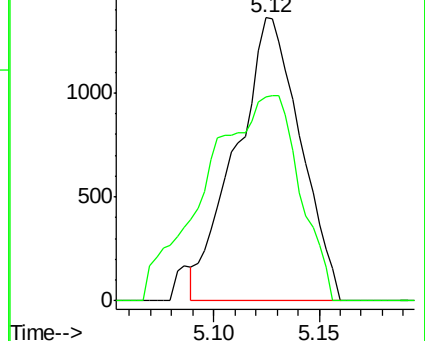
83 100

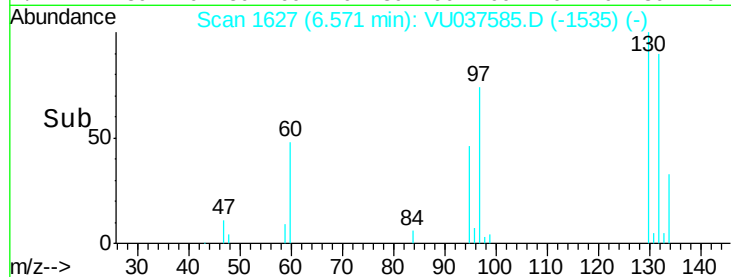
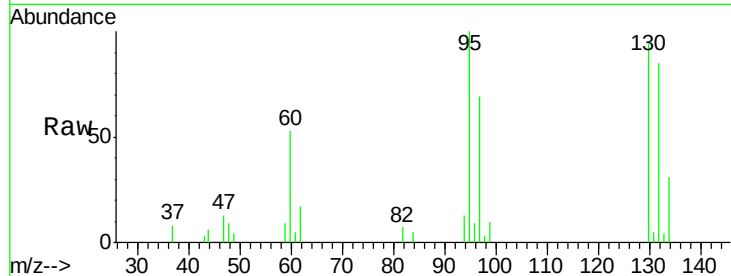
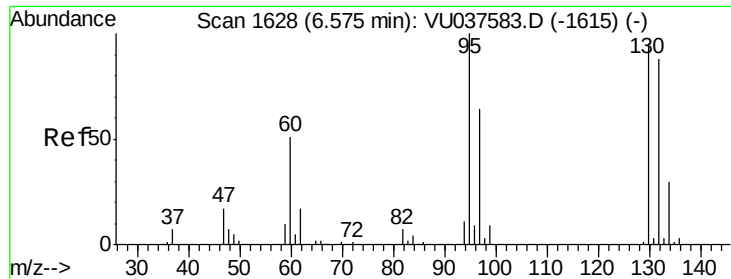
85 72.2 43.7 81.1



Abundance Ion 83.00 (82.70 to 83.70): VU037583.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU037583.D (-1161) (-)





#34

Trichloroethene

Concen: 8.289 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

C0EY9

Tot Ion: 95 Resp: 8021

Ion Ratio Lower Upper

95 100

97 69.4 45.2 84.0

132 85.0 63.7 118.3

130 94.2 64.5 119.7

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

