

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042820\
 Data File : VU037887.D
 Acq On : 28 Apr 2020 19:22
 Operator : JC/MD
 Sample : L2395-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 29 06:30:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 04:16:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	629807	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	617051	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	277100	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	229290	41.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.34%
7) Chloroethane-d5	1.93	69	203900	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.62%
11) 1,1-Dichloroethene-d2	2.59	63	304662	34.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.40%
21) 2-Butanone-d5	4.66	46	437797	100.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.41%
24) Chloroform-d	5.10	84	414662	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
26) 1,2-Dichloroethane-d4	5.74	65	292697	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
32) Benzene-d6	5.76	84	886671	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
36) 1,2-Dichloropropane-d6	6.72	67	293263	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.50%
41) Toluene-d8	7.92	98	800781	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	8.20	79	133405	44.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.82%
47) 2-Hexanone-d5	8.65	63	340047	107.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.03%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	417555	51.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.84%
64) 1,2-Dichlorobenzene-d4	12.20	152	290964	53.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.92%

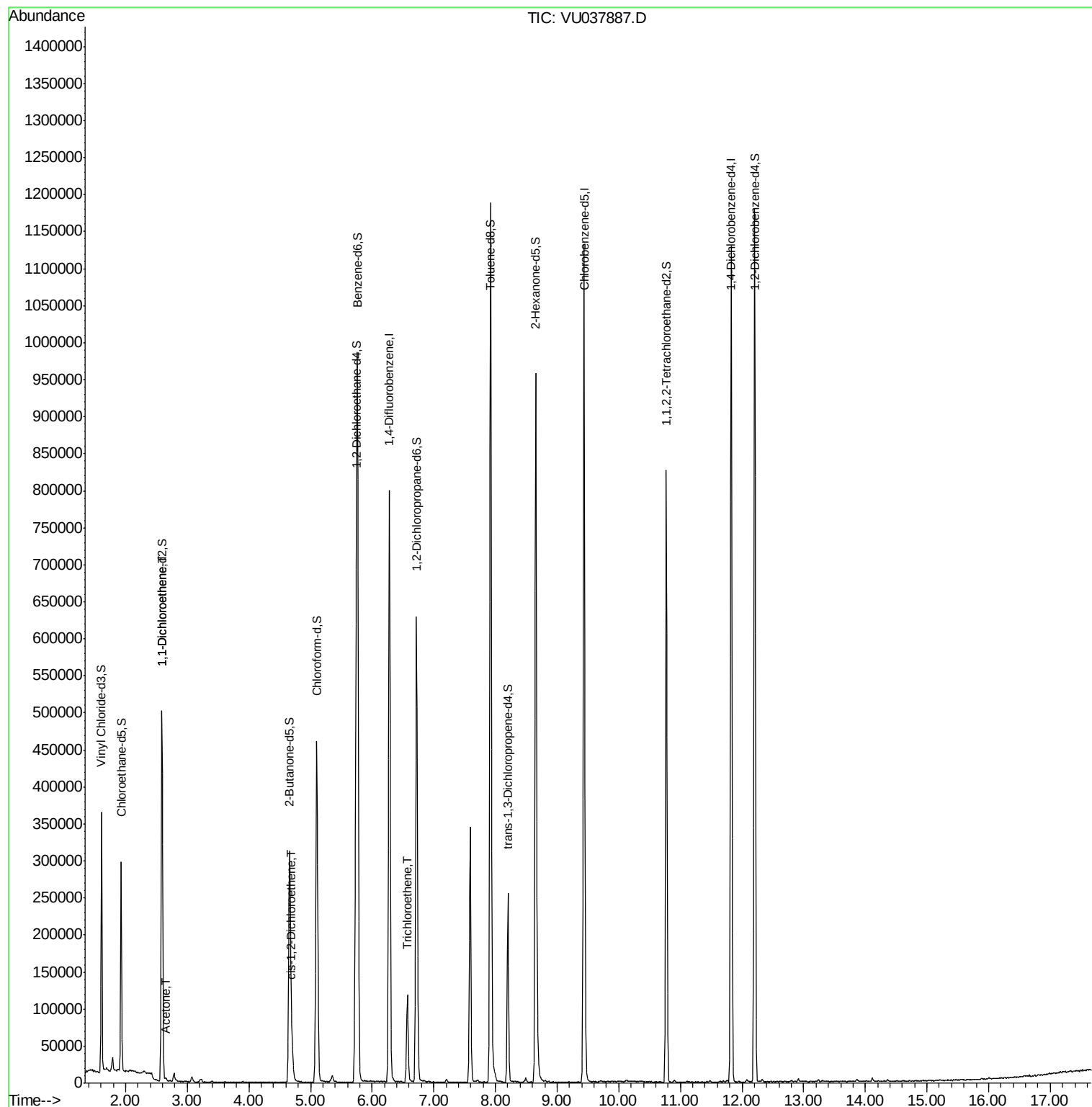
Target Compounds

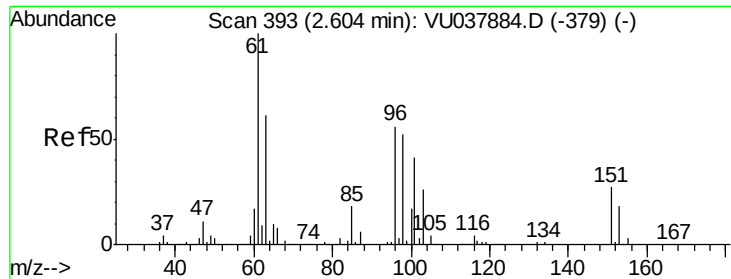
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	5233	1.369	ug/L	# 1
13) Acetone	2.65	43	4747	1.825	ug/L	96
20) cis-1,2-Dichloroethene	4.70	96	15249	3.258	ug/L	98
34) Trichloroethene	6.57	95	38226	8.321	ug/L	98

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

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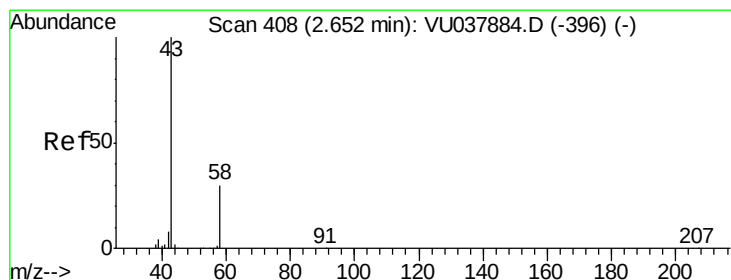
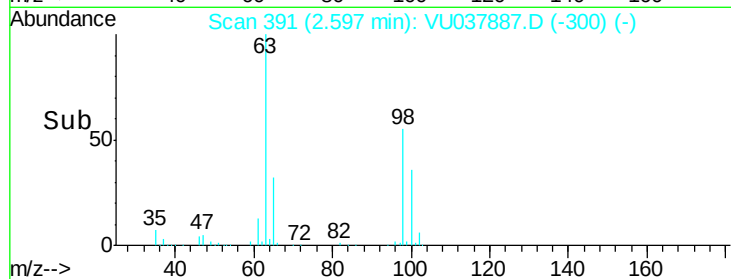
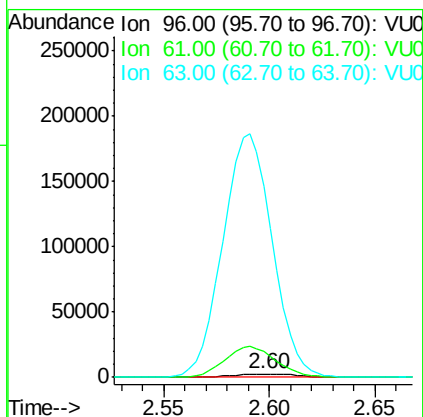
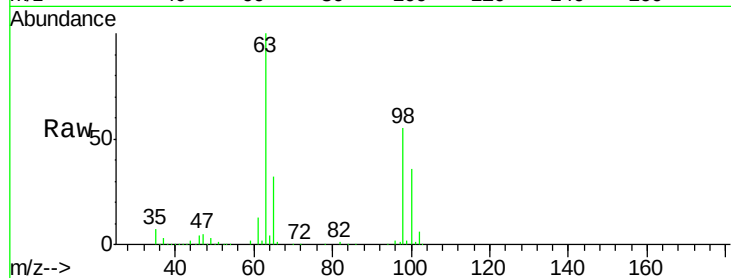
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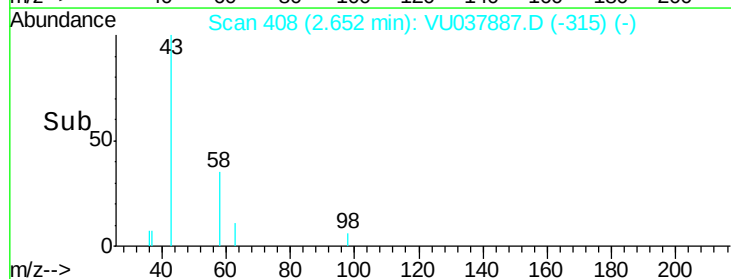
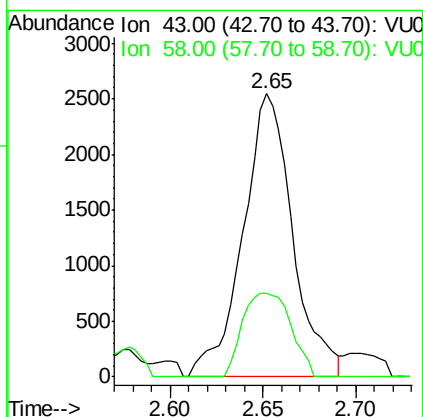
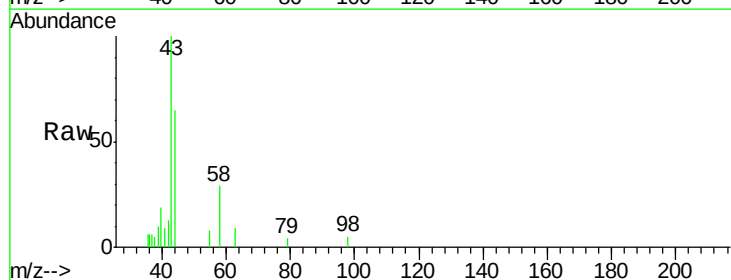
#12
 1,1-Dichloroethene
 Concen: 1.369 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU037887.D
 Acq: 28 Apr 2020 19:22

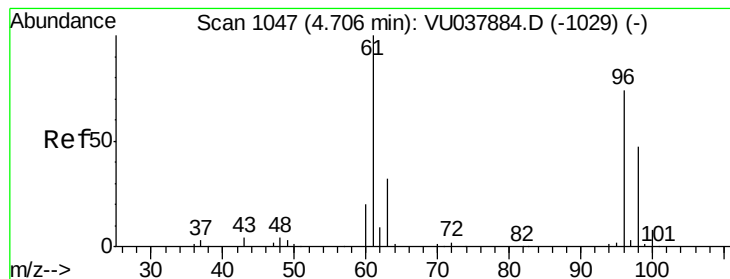
Tot Ion: 96 Resp: 5233
 Ion Ratio Lower Upper
 96 100
 61 716.6 134.1 249.0#
 63 5376.7 96.5 179.1#



#13
 Acetone
 Concen: 1.825 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VU037887.D
 Acq: 28 Apr 2020 19:22

Tgt Ion: 43 Resp: 4747
 Ion Ratio Lower Upper
 43 100
 58 28.7 0.0 62.0





#20

cis-1,2-Dichloroethene

Concen: 3.258 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU037887.D

Acq: 28 Apr 2020 19:22

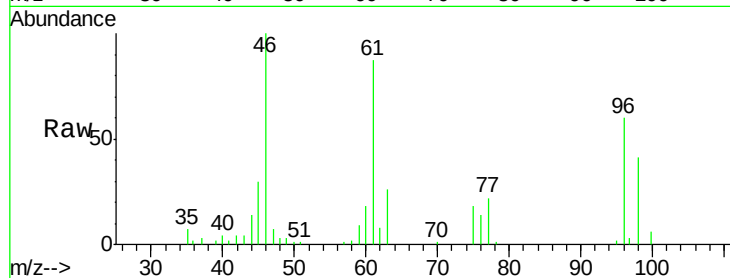
Tot Ion: 96 Resp: 15249

Ion Ratio Lower Upper

96 100

61 146.2 100.4 186.4

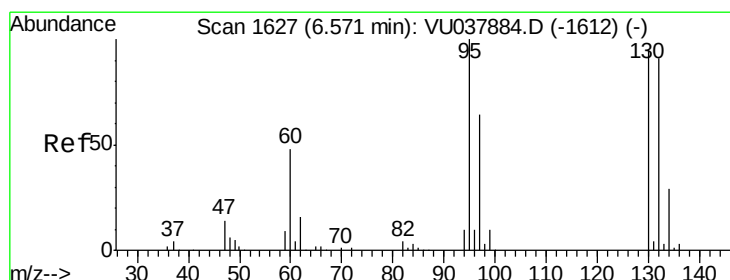
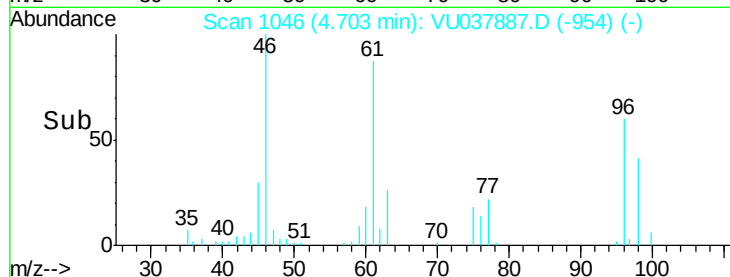
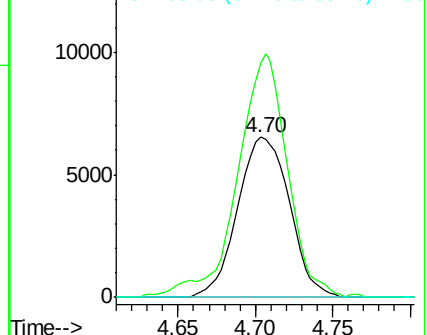
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037887.D (-1534) (-)

Ion 61.00 (60.70 to 61.70): VU037887.D (-1534) (-)

Ion 68.00 (67.70 to 68.70): VU037887.D (-1534) (-)



#34

Trichloroethene

Concen: 8.321 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037887.D

Acq: 28 Apr 2020 19:22

Tgt Ion: 95 Resp: 38226

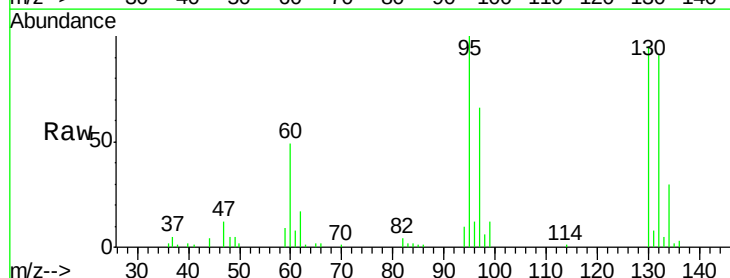
Ion Ratio Lower Upper

95 100

97 66.5 44.4 82.5

132 90.5 65.0 120.6

130 95.0 65.5 121.7



Abundance Ion 95.00 (94.70 to 95.70): VU037887.D (-1534) (-)

Ion 97.00 (96.70 to 97.70): VU037887.D (-1534) (-)

Ion 132.00 (131.70 to 132.70): VU037887.D (-1534) (-)

Ion 130.00 (129.70 to 130.70): VU037887.D (-1534) (-)

