

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040156.D
 Acq On : 16 Sep 2020 18:23
 Operator : SY/MD
 Sample : L4041-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB8

Quant Time: Sep 17 01:58:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 01:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	100213	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	101891	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41286	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26560	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.92	69	24526	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.58	63	46505	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.66	46	102149	46.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.36%
24) Chloroform-d	5.08	84	55190	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.72	65	38323	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.74	84	108411	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	36801	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	83551	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.19	79	14339	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.64	63	70252	41.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31919	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	33876	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

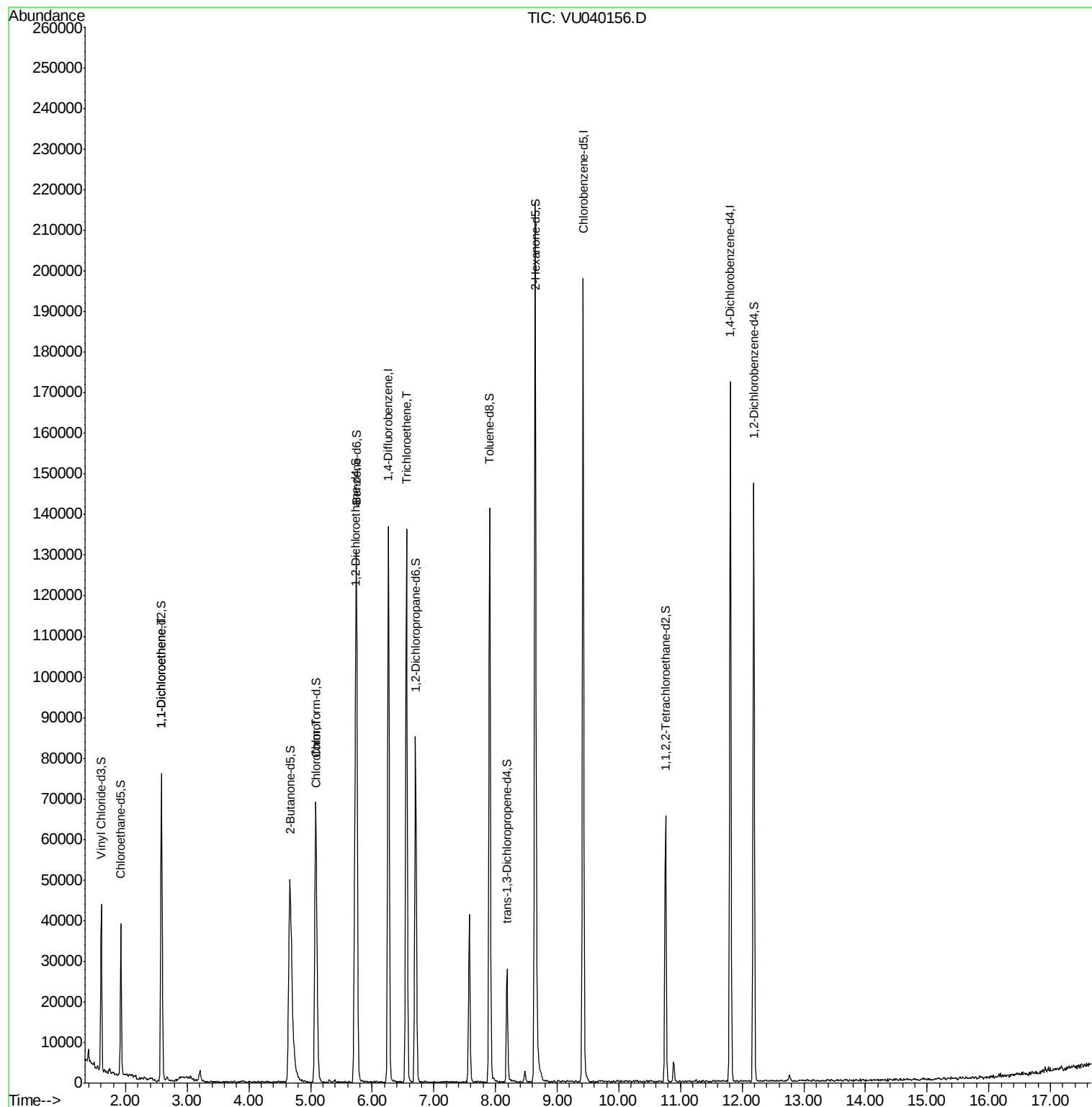
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.59	96	2445	0.315 ug/L #	1
25) Chloroform	5.10	83	7682	0.437 ug/L	93
34) Trichloroethene	6.56	95	44193	4.520 ug/L	98

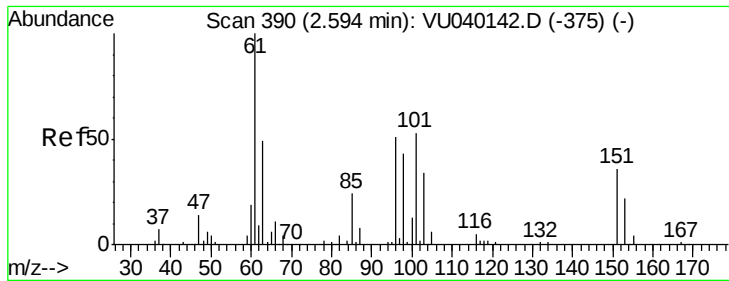
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.315 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampled :

C0AB8

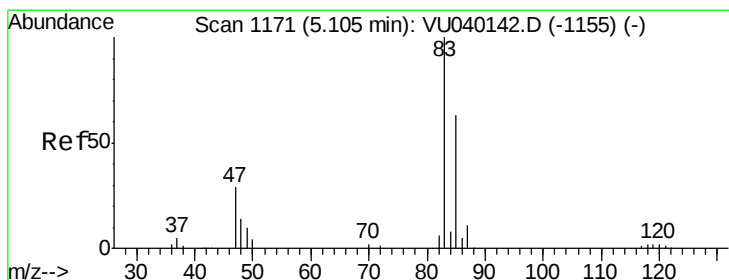
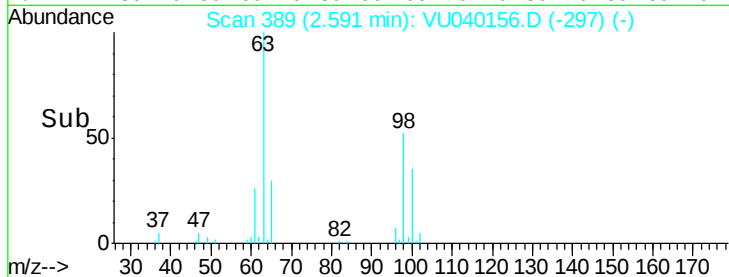
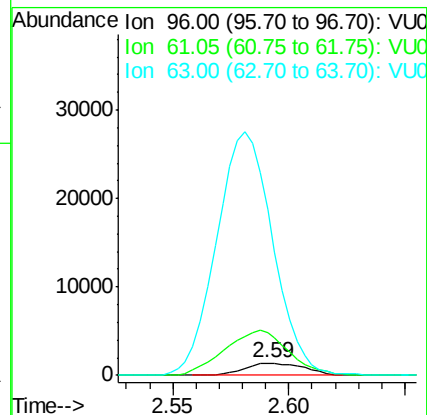
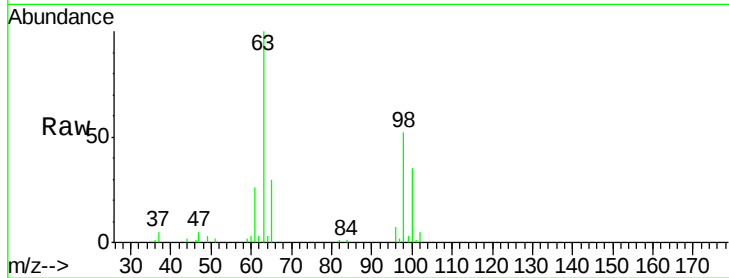
Tot Ion: 96 Resp: 2445

Ion Ratio Lower Upper

96 100

61 349.8 138.3 256.8#

63 1342.5 77.6 144.2#



#25

Chloroform

Concen: 0.437 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040156.D

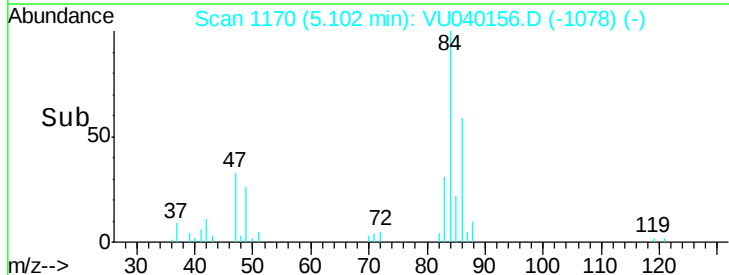
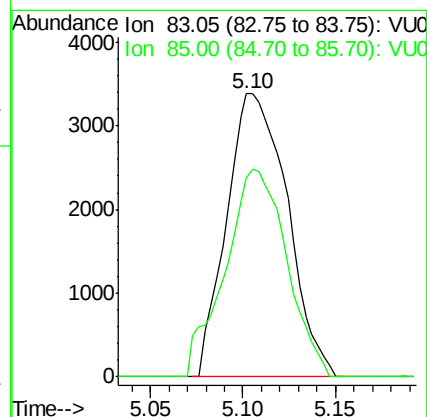
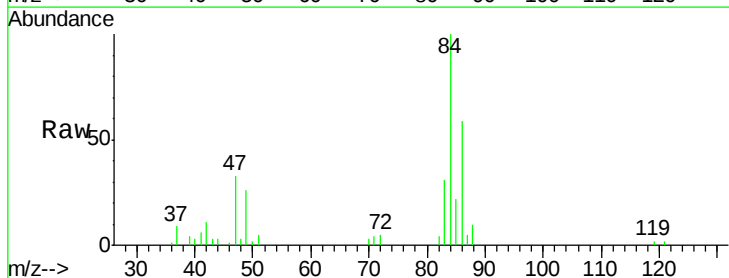
Acq: 16 Sep 2020 18:23

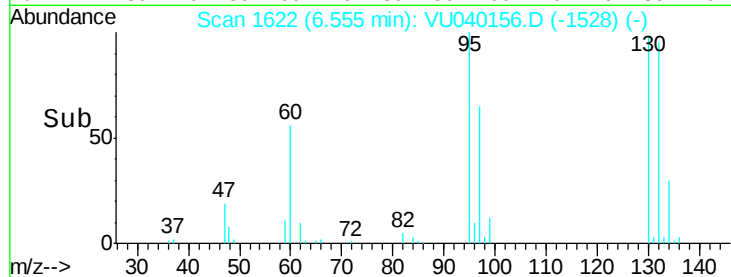
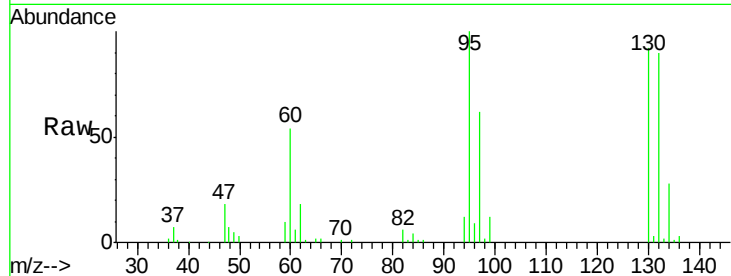
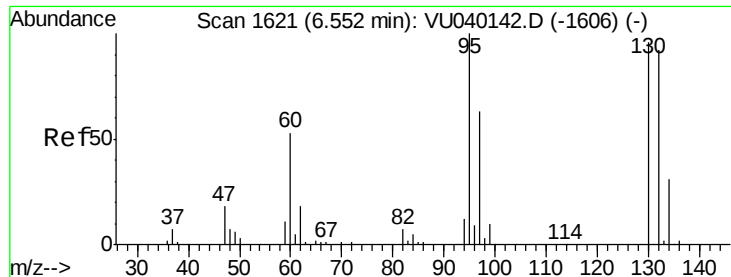
Tgt Ion: 83 Resp: 7682

Ion Ratio Lower Upper

83 100

85 70.4 45.3 84.1





#34

Trichloroethene

Concen: 4.520 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 44193

Ion Ratio Lower Upper

95 100

97 61.6 43.3 80.5

132 90.0 59.4 110.4

130 91.9 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

