

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072020\
 Data File : VU039576.D
 Acq On : 20 Jul 2020 17:34
 Operator : SY/MD
 Sample : L3346-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C37

Quant Time: Jul 21 07:25:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 06:02:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	99069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	95991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43991	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19669	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.93	69	26683	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.58	63	44143	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.65	46	122655	46.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.38%
24) Chloroform-d	5.09	84	58769	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	38871	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	112270	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.71	67	38039	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	96298	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.19	79	14377	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.64	63	88865	41.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.56%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34714	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	39727	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

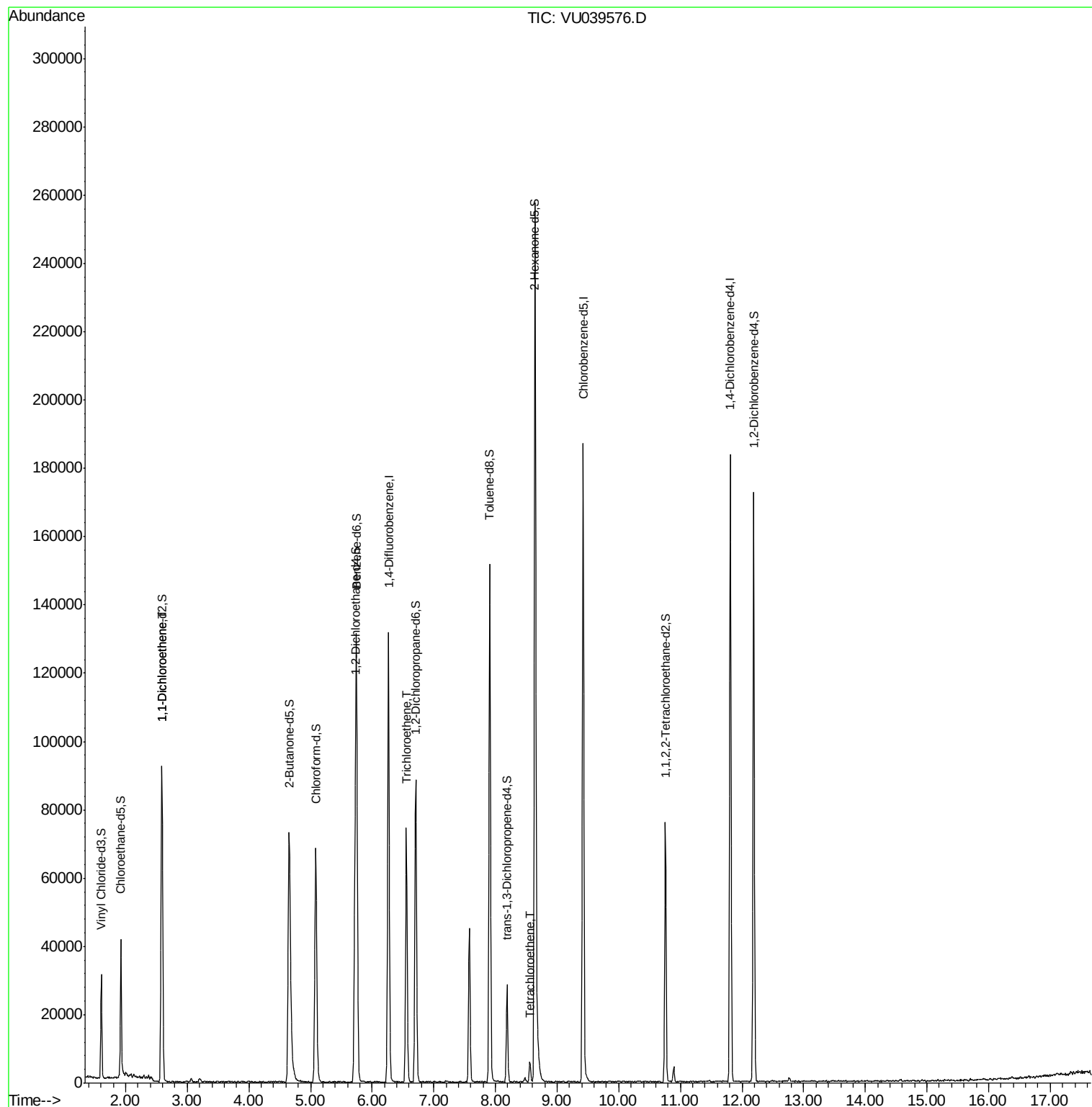
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.59	96	16749	2.843 ug/L	86
34) Trichloroethene	6.56	95	23757	3.202 ug/L	94
47) Tetrachloroethene	8.56	164	1255	0.243 ug/L	78

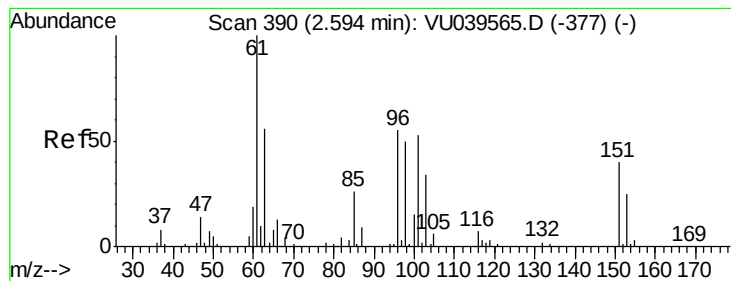
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.843 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

F4C37

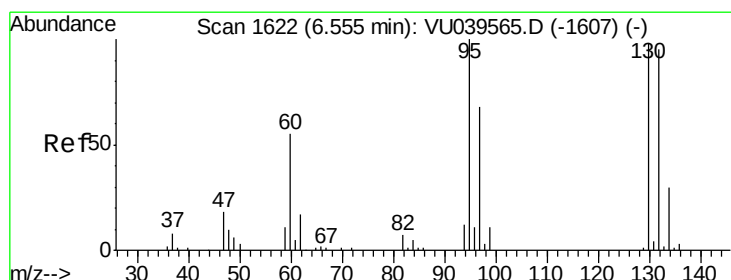
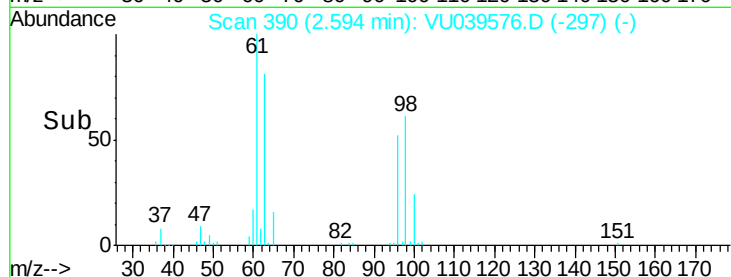
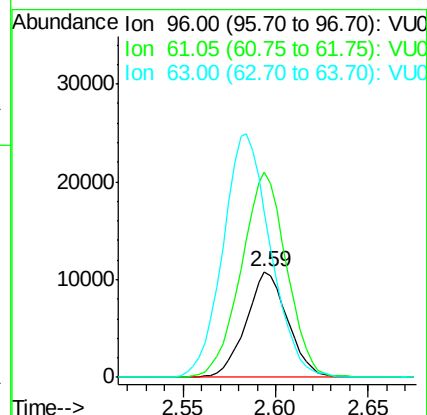
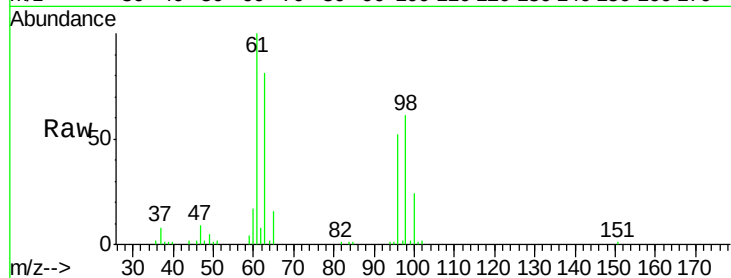
Tot Ion: 96 Resp: 16749

Ion Ratio Lower Upper

96 100

61 193.3 125.4 232.8

63 156.2 92.7 172.3



#34

Trichloroethene

Concen: 3.202 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. -0.00 min

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Acq: 20 Jul 2020 17:34

Tgt Ion: 95 Resp: 23757

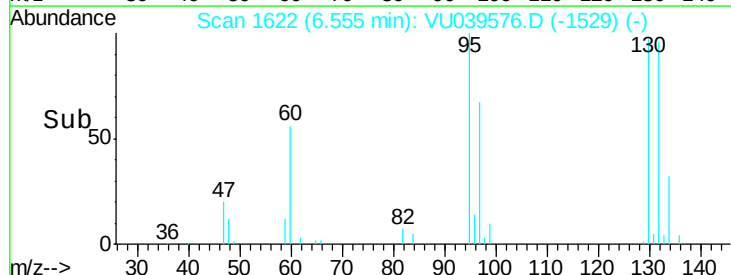
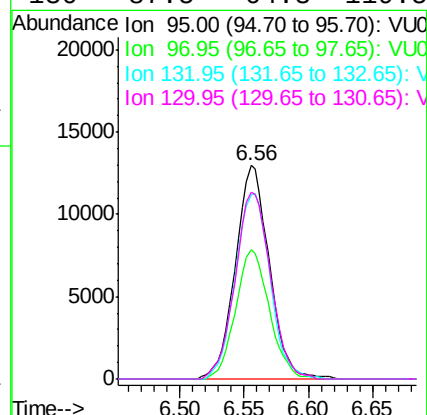
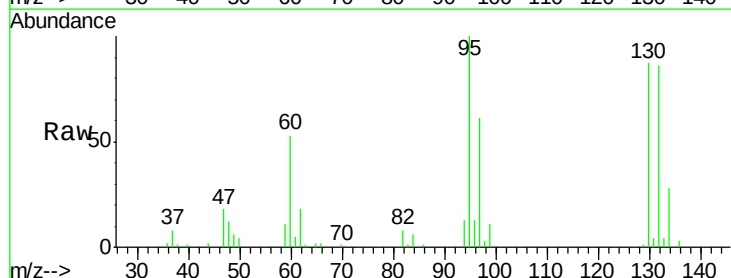
Ion Ratio Lower Upper

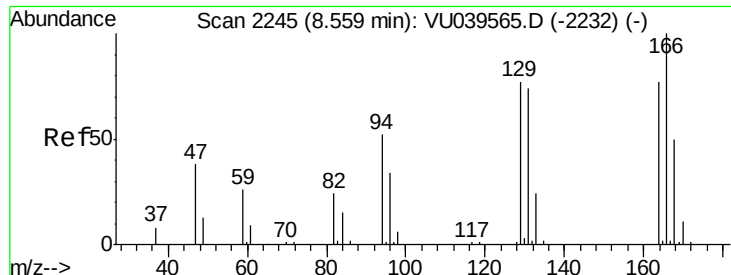
95 100

97 60.6 46.3 85.9

132 86.0 64.0 118.8

130 87.5 64.3 119.5





#47

Tetrachloroethene

Concen: 0.243 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU039576.D

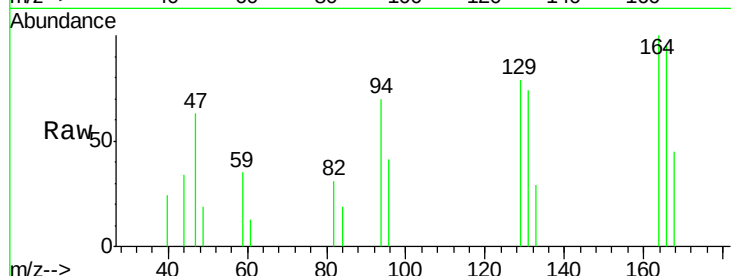
Acq: 20 Jul 2020 17:34

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Tot Ion:164 Resp: 1255

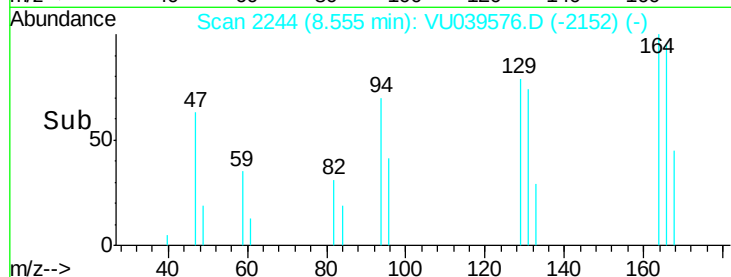
Ion Ratio Lower Upper

164 100

129 79.0 68.6 127.4

131 74.3 66.4 123.4

166 95.0 85.9 159.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

