

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039369.D
 Acq On : 09 Jul 2020 00:48
 Operator : SY/MD
 Sample : L3243-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A77

Quant Time: Jul 09 07:03:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 05:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	101703	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45746	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28130	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.92	69	30194	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.58	63	44567	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.65	46	155504	57.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.32%
24) Chloroform-d	5.09	84	63253	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.72	65	42607	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.74	84	131233	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.71	67	46181	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.91	98	113767	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
43) trans-1,3-Dichloropropene-	8.19	79	17987	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.64	63	112187	52.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.88%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42246	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	46324	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

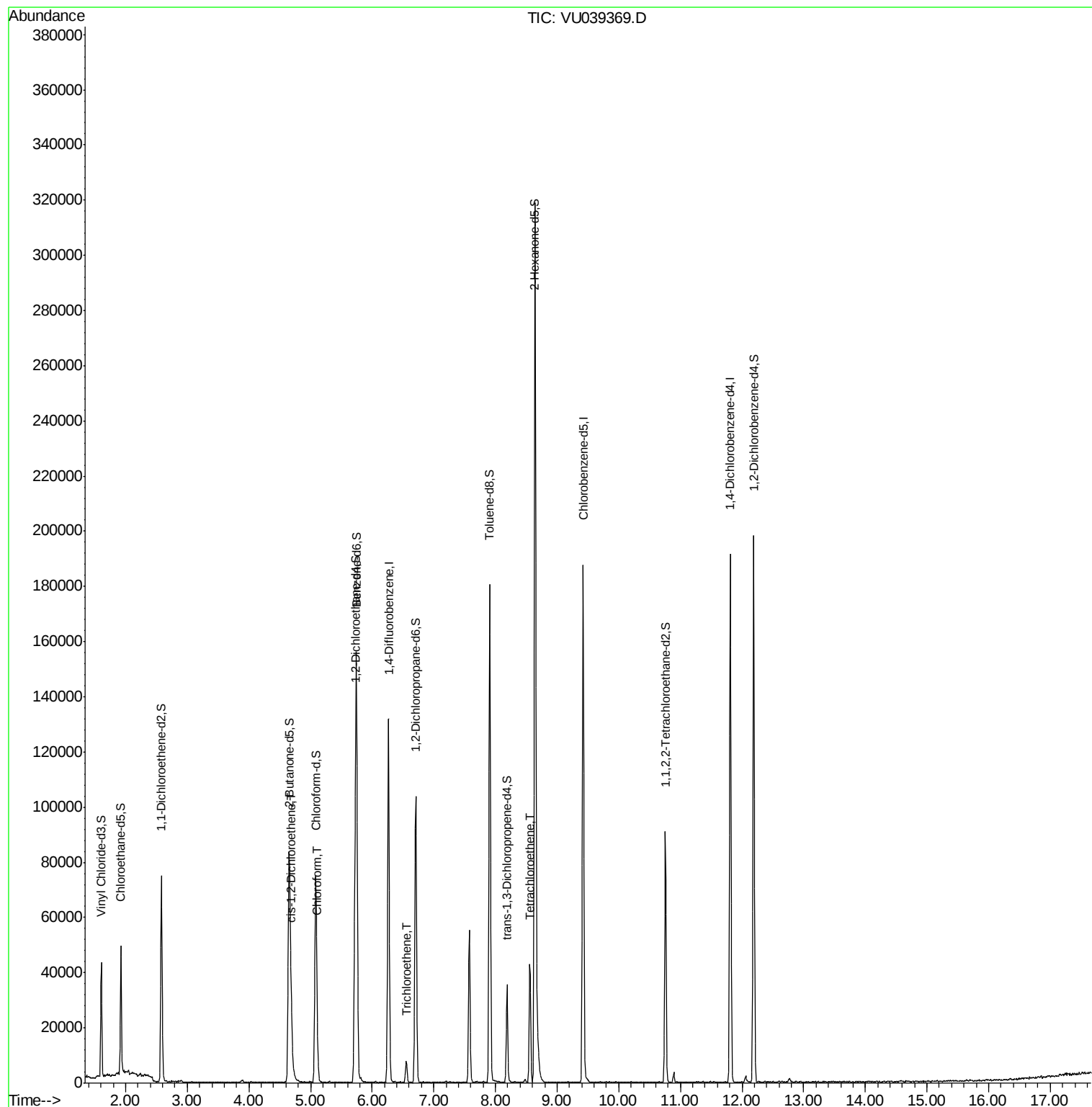
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.69	96	2744	0.365 ug/L	88
25) Chloroform	5.11	83	8368	0.632 ug/L	99
34) Trichloroethene	6.55	95	2451	0.328 ug/L #	70
47) Tetrachloroethene	8.56	164	8482	1.634 ug/L	93

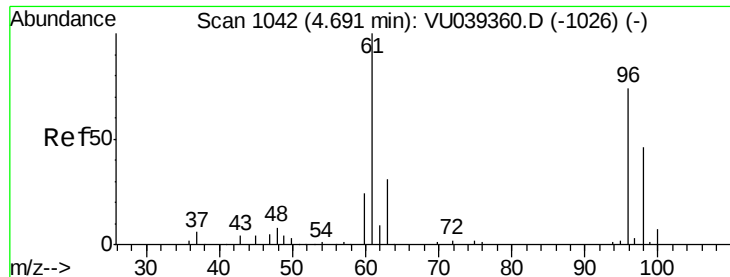
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.365 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. -0.00 min

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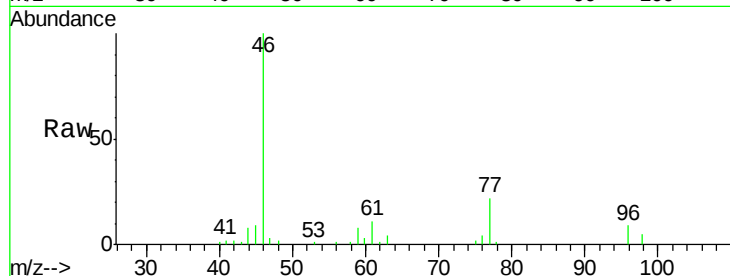
Tot Ion: 96 Resp: 2744

Ion Ratio Lower Upper

96 100

61 119.0 92.8 172.4

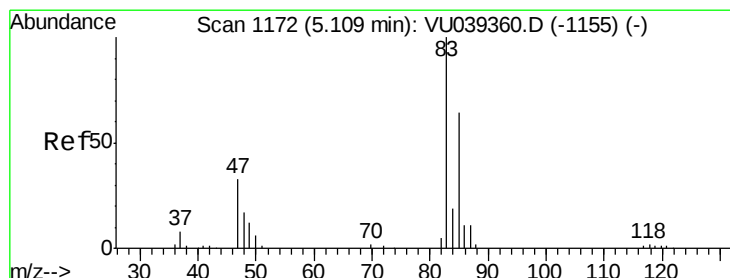
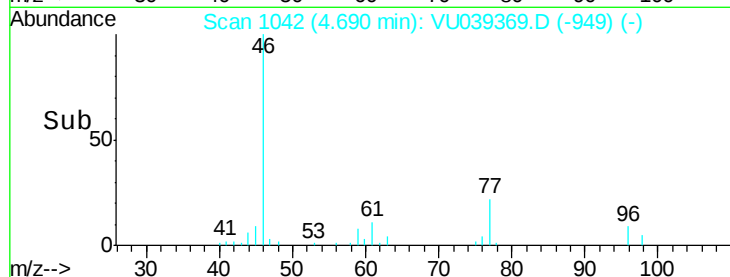
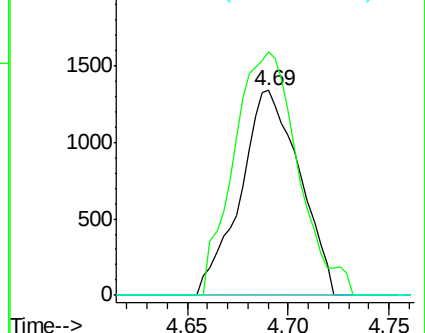
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039369.D (-1026) (-)

Ion 61.05 (60.75 to 61.75): VU039369.D (-1026) (-)

Ion 68.15 (67.85 to 68.85): VU039369.D (-1026) (-)



#25

Chloroform

Concen: 0.632 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU039369.D

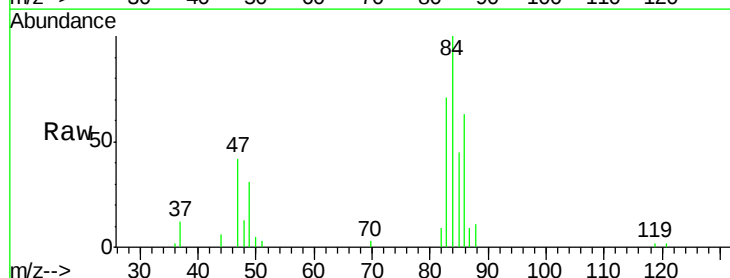
Acq: 09 Jul 2020 00:48

Tgt Ion: 83 Resp: 8368

Ion Ratio Lower Upper

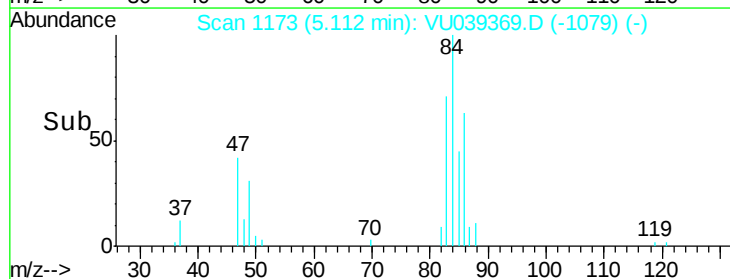
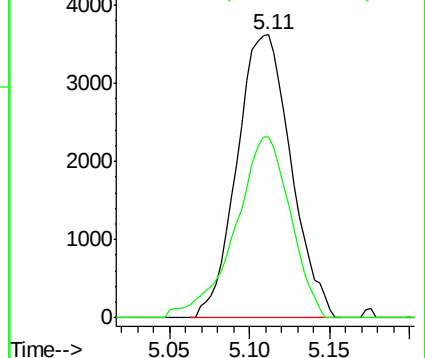
83 100

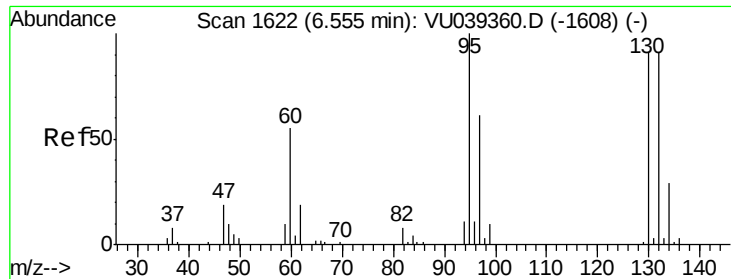
85 63.7 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039369.D (-1079) (-)

Ion 85.00 (84.70 to 85.70): VU039369.D (-1079) (-)

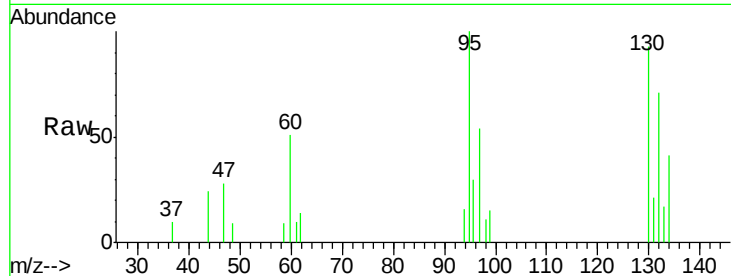




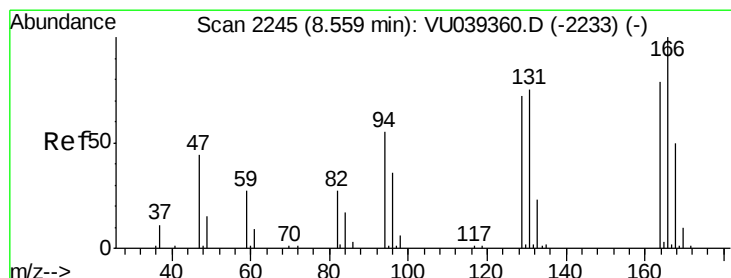
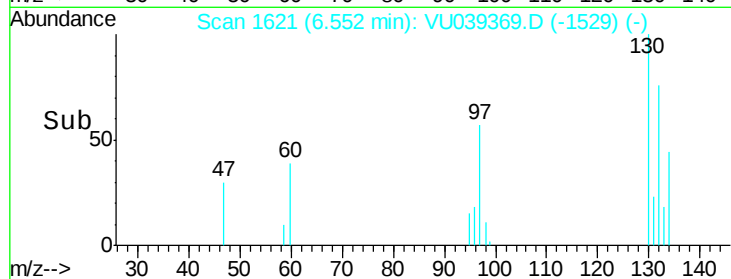
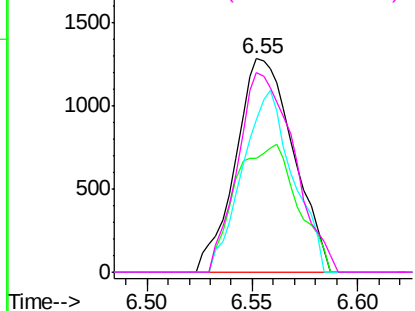
#34
 Trichloroethene
 Concen: 0.328 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039369.D
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Tot Ion: 95 Resp: 2451
 Ion Ratio Lower Upper
 95 100
 97 41.4 46.3 85.9#
 132 55.0 64.0 118.8#
 130 72.0 64.3 119.5

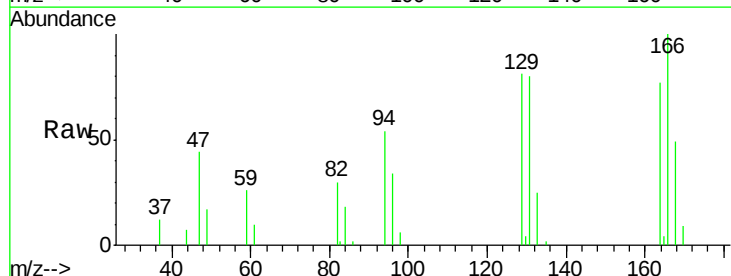


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 1.634 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039369.D
 Acq: 09 Jul 2020 00:48

Tgt Ion: 164 Resp: 8482
 Ion Ratio Lower Upper
 164 100
 129 105.0 68.6 127.4
 131 104.0 66.4 123.4
 166 129.3 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

