

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039755.D
 Acq On : 06 Aug 2020 14:50
 Operator : SY/MD
 Sample : L3572-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L15

Quant Time: Aug 07 04:24:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 03:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	77894	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74949	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31844	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23900	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.92	69	22858	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.57	63	37529	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	4.71	46	127793	69.08	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.16%#
24) Chloroform-d	5.08	84	50110	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	32888	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.74	84	91629	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.71	67	30854	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.91	98	70184	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.19	79	9305	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.65	63	116383	91.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	183.72%#
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35862	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.80%#
64) 1,2-Dichlorobenzene-d4	12.19	152	30536	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

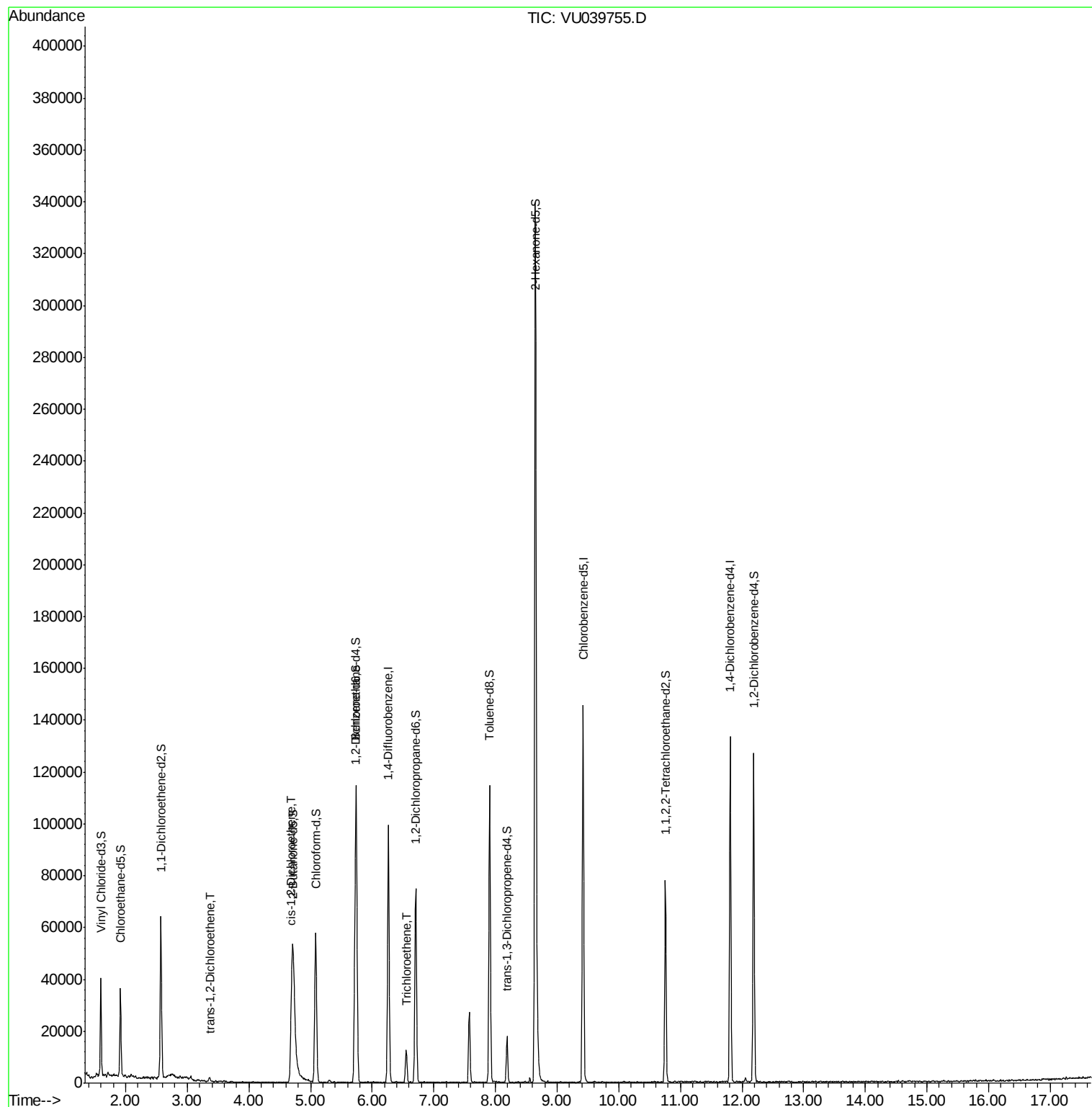
					Ovalue
18) trans-1,2-Dichloroethene	3.36	96	530	0.102 ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	4563	0.811 ug/L	92
34) Trichloroethene	6.56	95	3608	0.680 ug/L	86

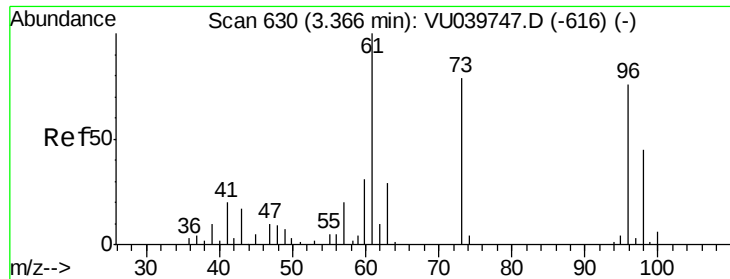
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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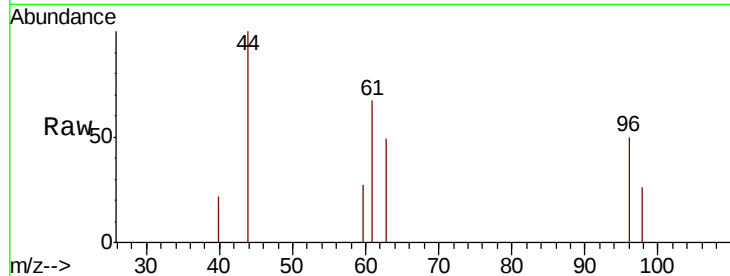




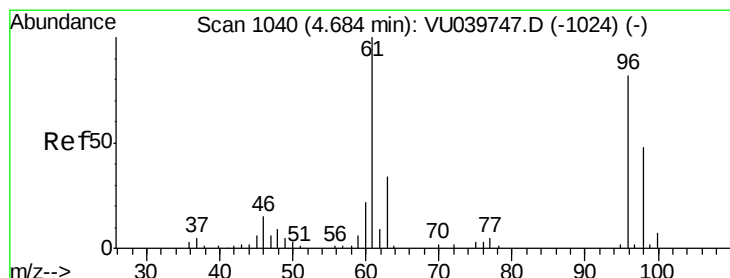
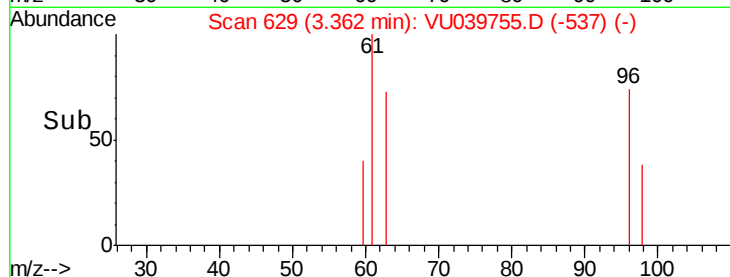
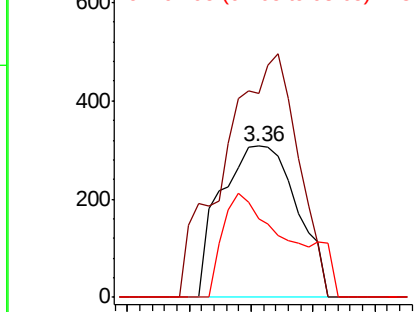
#18
trans-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 3.36 min Scan# 629
Delta R.T. -0.00 min
Lab File: VU039755.D
Acq: 06 Aug 2020 14:50

Instrument :
MSVOA_U
ClientSampleId :
F4L15

Tot Ion: 96 Resp: 530
Ion Ratio Lower Upper
96 100
61 134.7 96.5 179.1
98 51.6 40.9 76.0

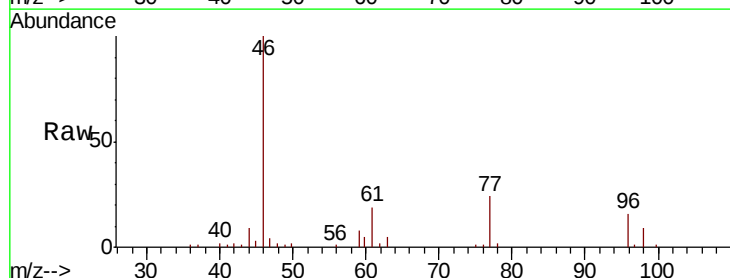


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

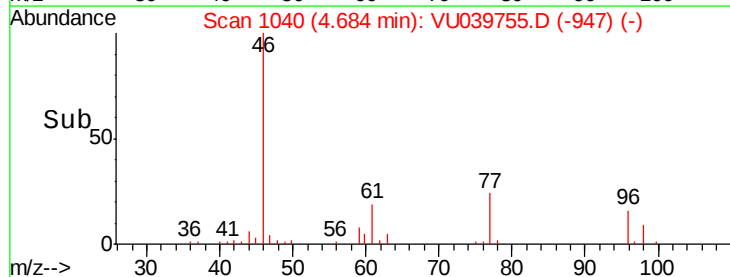
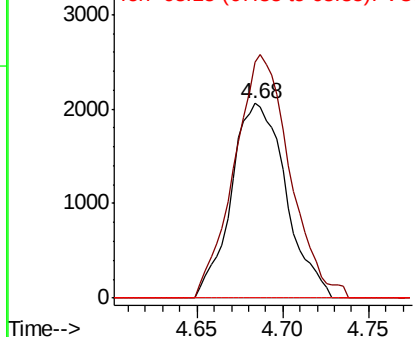


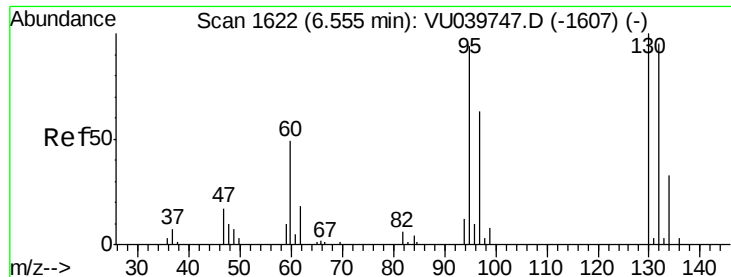
#22
cis-1,2-Dichloroethene
Concen: 0.811 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU039755.D
Acq: 06 Aug 2020 14:50

Tgt Ion: 96 Resp: 4563
Ion Ratio Lower Upper
96 100
61 115.4 87.4 162.2
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#34
 Trichloroethene
 Concen: 0.680 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: VU039755.D
 Acq: 06 Aug 2020 14:50

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Tot Ion:	95	Resp:	3608
Ion	Ratio	Lower	Upper
95	100		
97	69.3	44.0	81.8
132	87.5	71.7	133.3
130	119.5	71.1	132.1

