

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041399.D
 Acq On : 23 Nov 2020 19:51
 Operator : SY/MD
 Sample : L4849-08DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4421DL

Quant Time: Nov 24 02:58:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63550	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68125	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22243	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.92	69	16553	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.58	63	36610	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.66	46	72886	64.05	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.10%
24) Chloroform-d	5.08	84	45400	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	28912	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.74	84	78406	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	25687	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	70782	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	11603	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.64	63	45684	57.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22609	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	27324	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

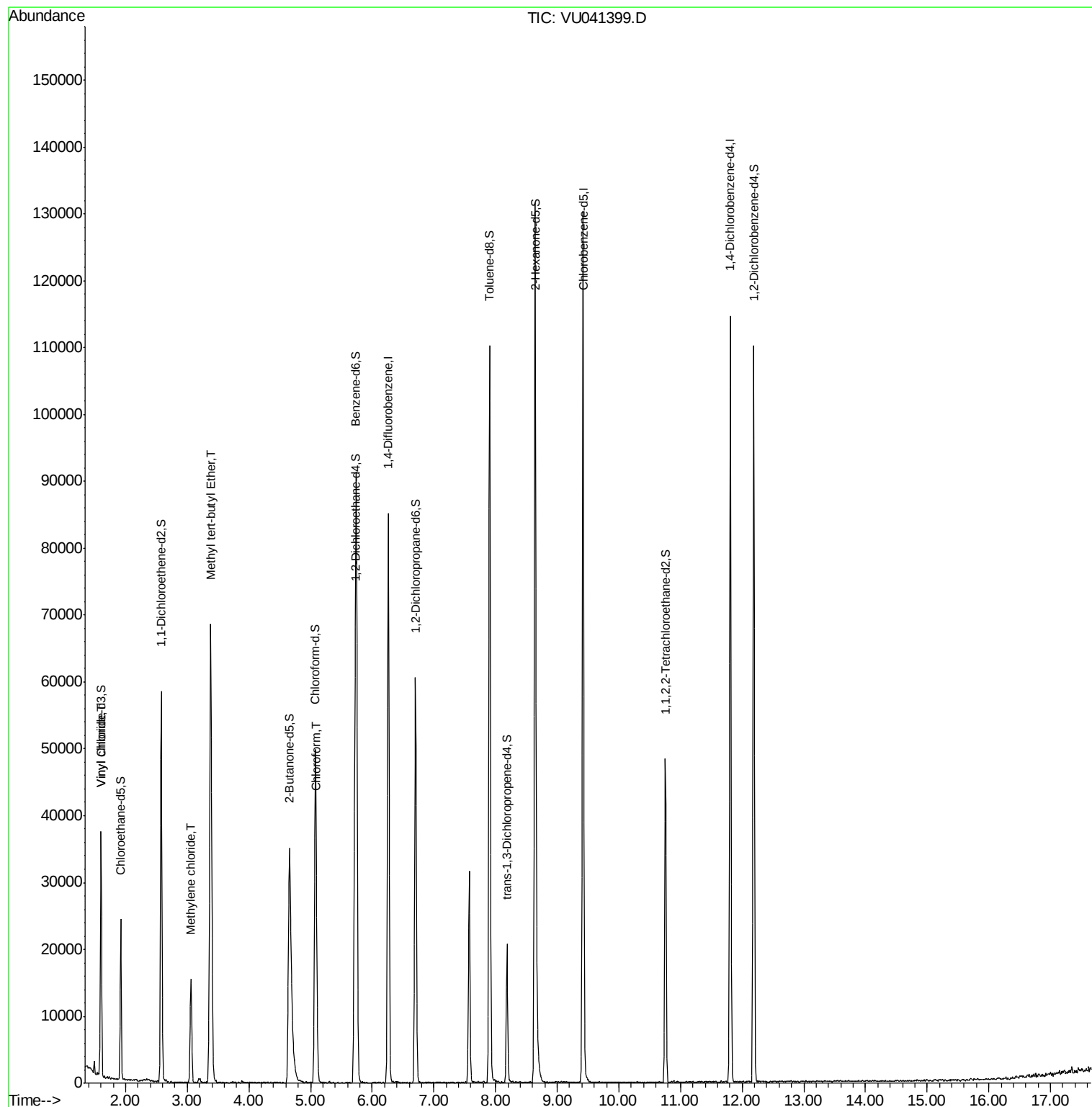
					Ovalue
5) Vinyl chloride	1.61	62	1229	0.221 ug/L	# 82
16) Methylene chloride	3.06	84	7054	1.261 ug/L	93
17) Methyl tert-butyl Ether	3.38	73	71329	7.319 ug/L	99
25) Chloroform	5.10	83	2820	0.304 ug/L	87

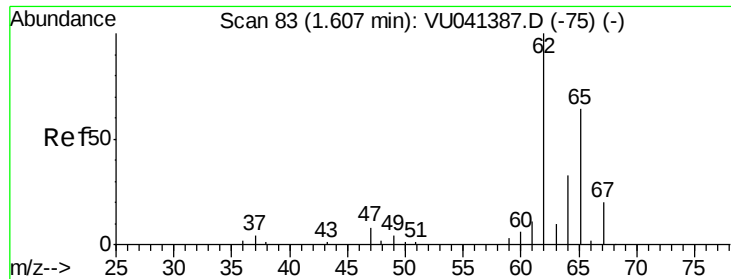
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.221 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041399.D

Acq: 23 Nov 2020 19:51

Instrument :

MSVOA_U

ClientSampled :

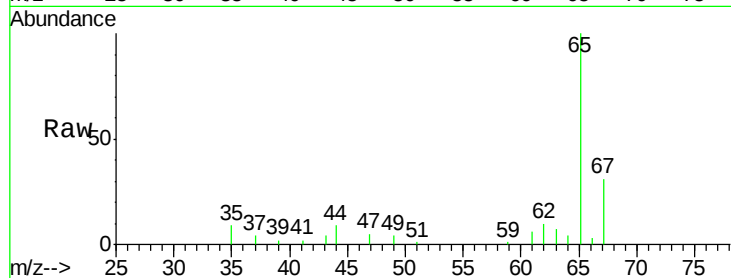
H4421DL

Tot Ion: 62 Resp: 1229

Ion Ratio Lower Upper

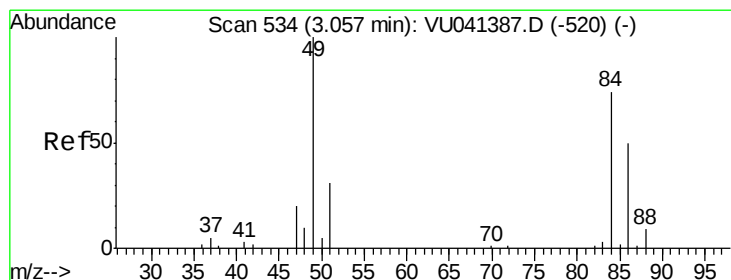
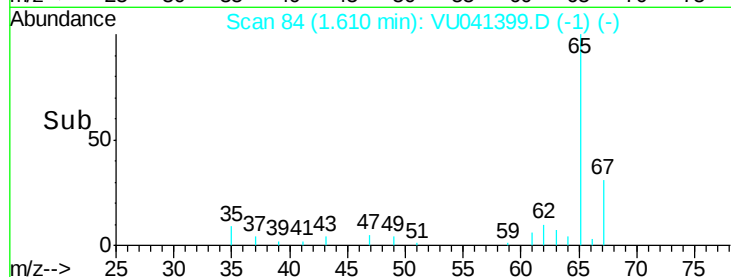
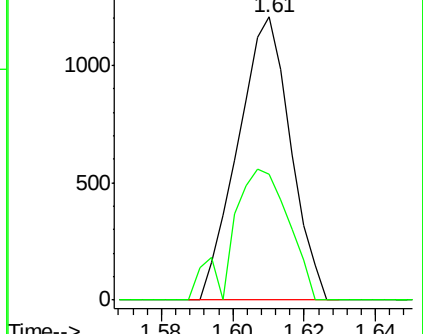
62 100

64 44.5 23.8 44.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 1.261 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041399.D

Acq: 23 Nov 2020 19:51

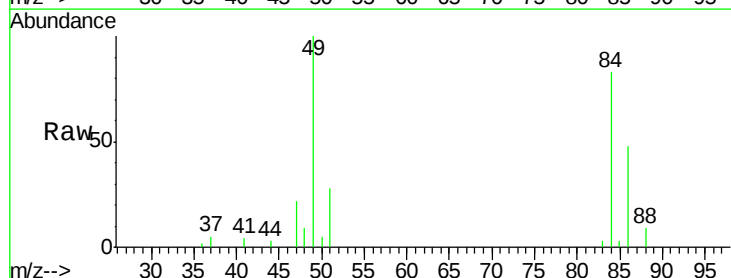
Tgt Ion: 84 Resp: 7054

Ion Ratio Lower Upper

84 100

86 57.3 44.4 82.5

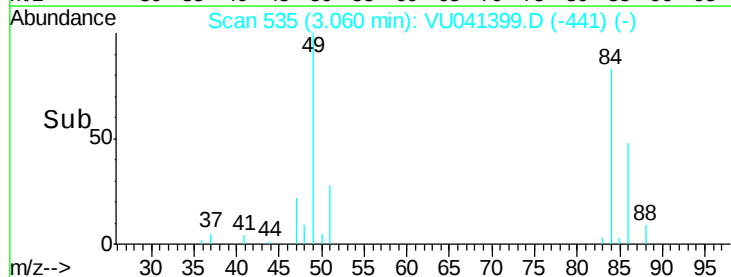
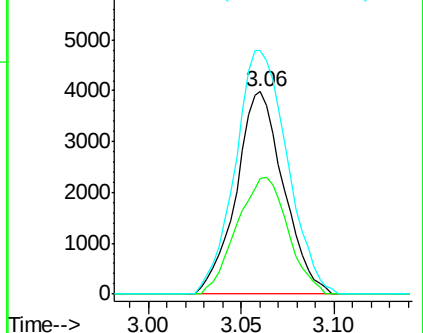
49 120.3 89.9 167.0

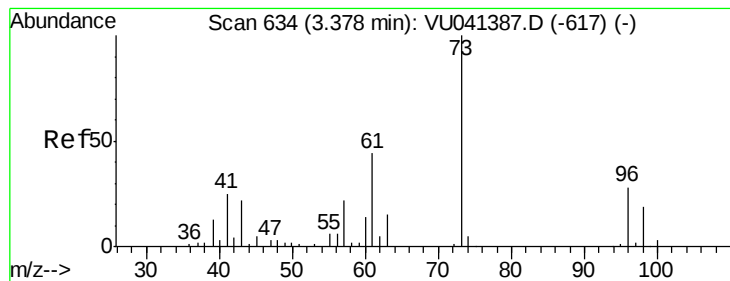


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



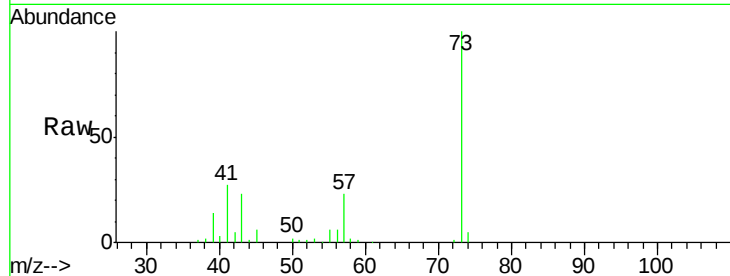


#17

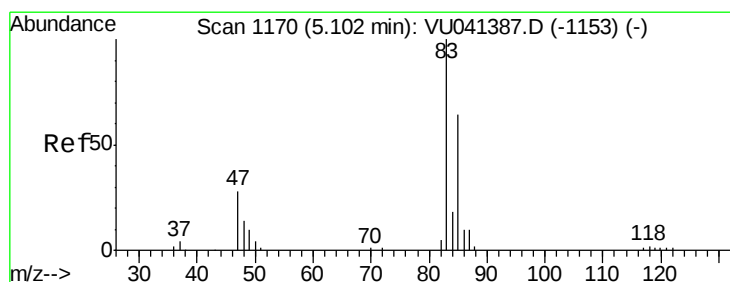
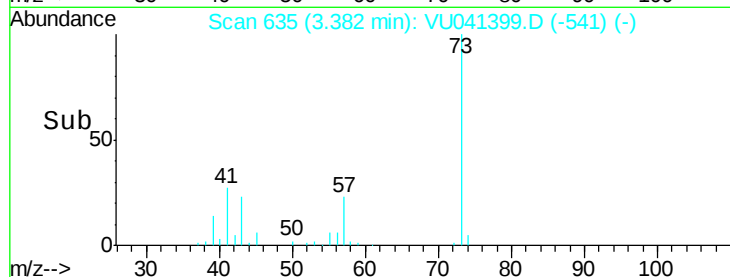
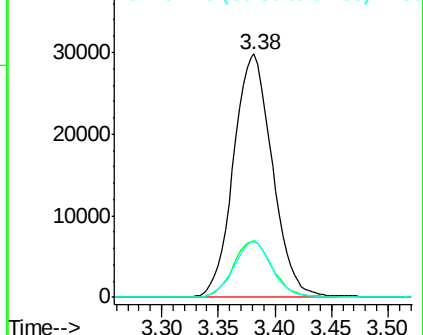
Methvl tert-butvl Ether
 Concen: 7.319 ug/L
 RT: 3.38 min Scan# 635
 Delta R.T. 0.00 min
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Tot Ion: 73 Resp: 71329
 Ion Ratio Lower Upper
 73 100
 43 23.2 18.3 27.5
 57 22.3 17.7 26.5



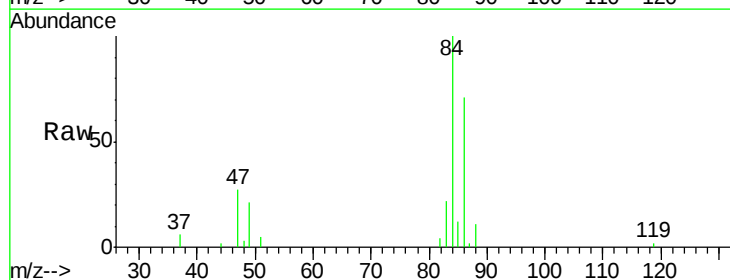
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



#25

Chloroform
 Concen: 0.304 ug/L
 RT: 5.10 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: VU041399.D
 Acq: 23 Nov 2020 19:51

Tgt Ion: 83 Resp: 2820
 Ion Ratio Lower Upper
 83 100
 85 53.5 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

