

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112420\
 Data File : VU041417.D
 Acq On : 24 Nov 2020 14:56
 Operator : SY/MD
 Sample : L4849-09DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4422DL

Quant Time: Nov 25 08:32:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 25 07:37:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61834	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65207	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17933	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.92	69	14075	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.58	63	28773	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.65	46	61970	55.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.94%
24) Chloroform-d	5.08	84	41512	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	28282	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.74	84	71680	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	23620	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.90	98	59691	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.19	79	10210	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.64	63	44122	58.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22268	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	25006	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

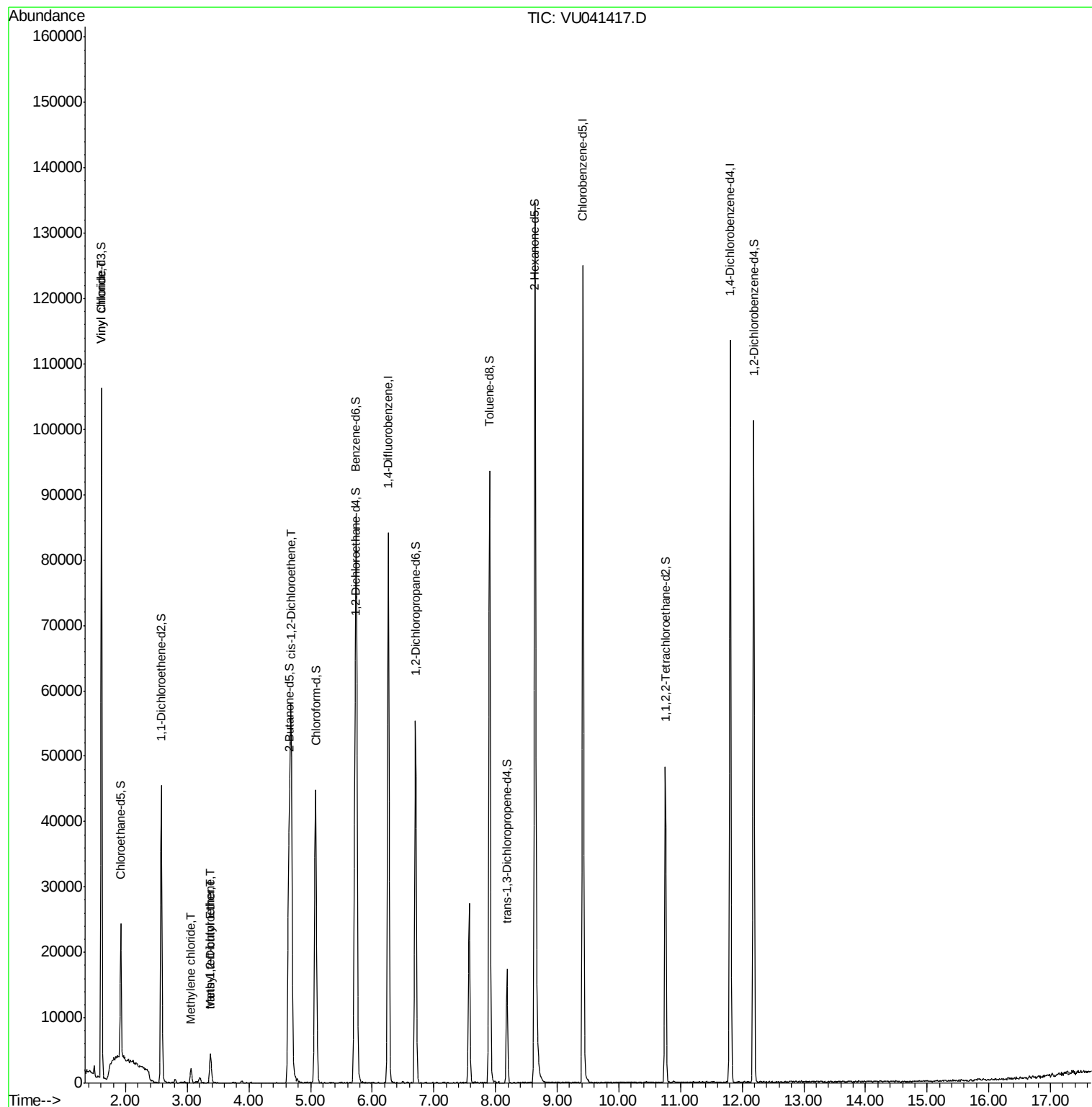
					Ovalue
5) Vinyl chloride	1.61	62	53281	9.860 ug/L	97
16) Methylene chloride	3.06	84	1071	0.197 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	3588	0.378 ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	791	0.192 ug/L	80
22) cis-1,2-Dichloroethene	4.68	96	22662	5.161 ug/L	99

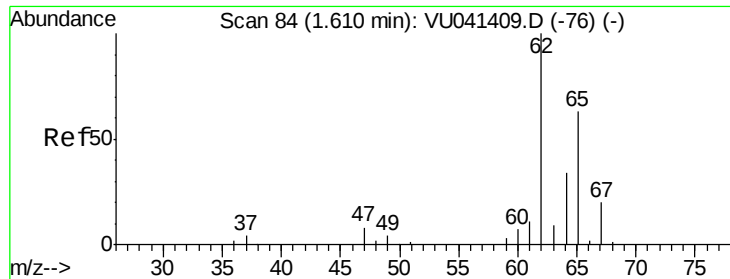
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.860 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041417.D

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MSVOA_U

ClientSampleId :

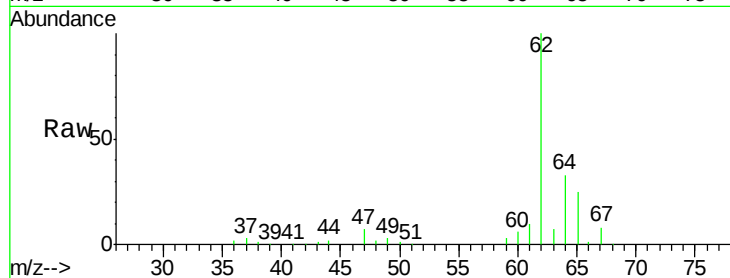
H4422DL

Tot Ion: 62 Resp: 53281

Ion Ratio Lower Upper

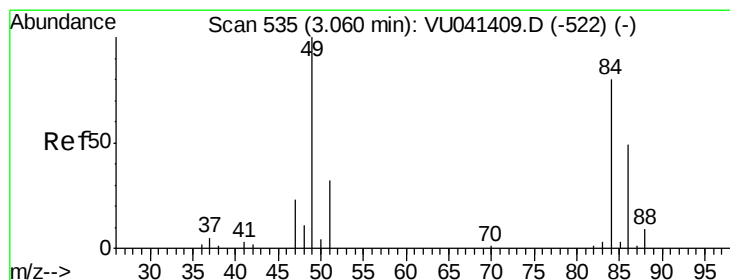
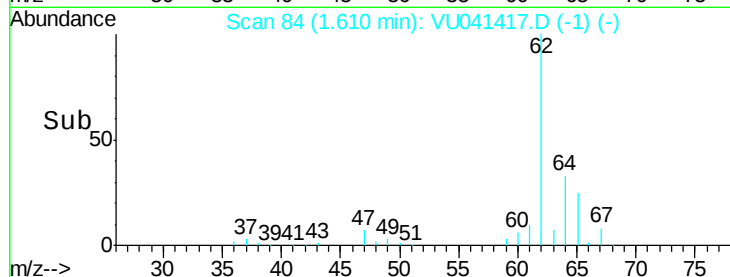
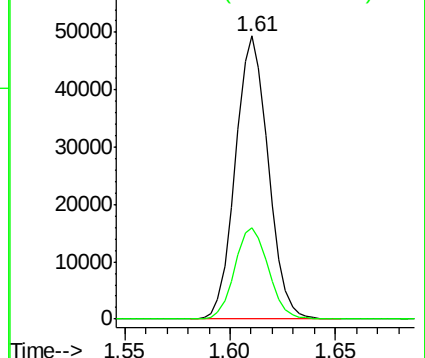
62 100

64 32.5 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: 0.197 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041417.D

Acq: 24 Nov 2020 14:56

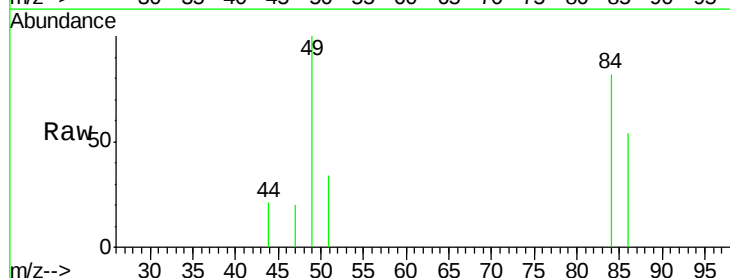
Tgt Ion: 84 Resp: 1071

Ion Ratio Lower Upper

84 100

86 66.3 44.4 82.5

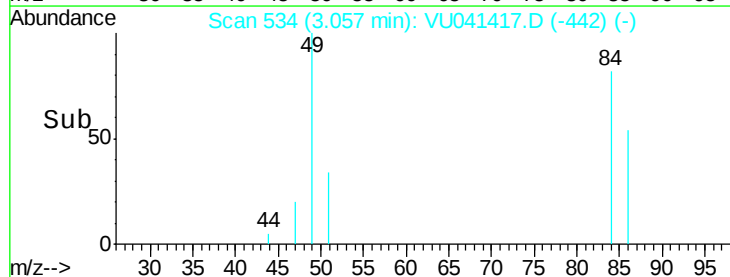
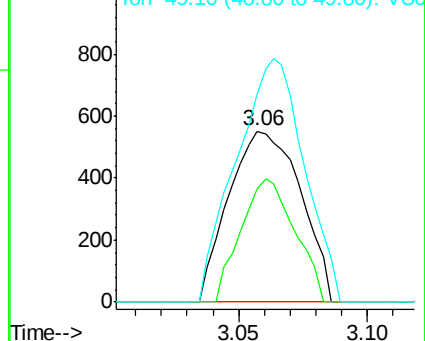
49 121.7 89.9 167.0

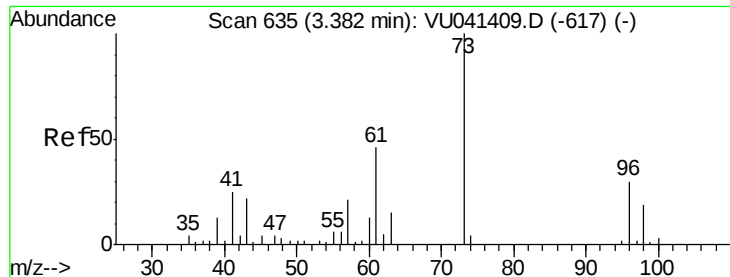


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

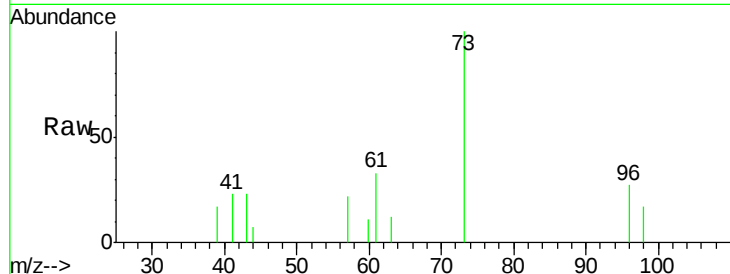




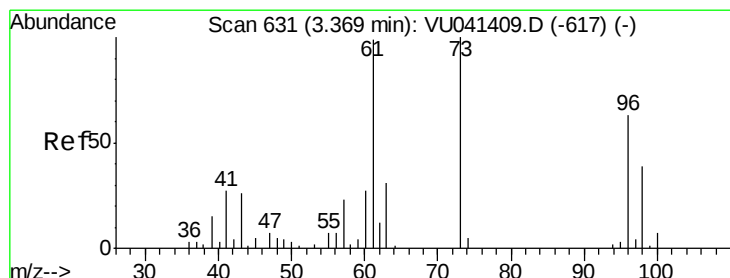
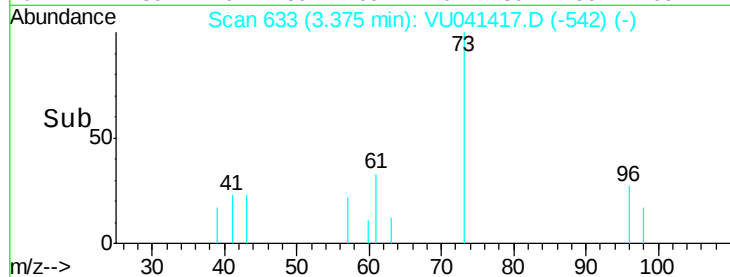
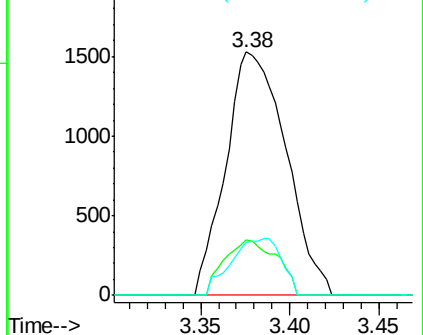
#17
Methvl tert-butvl Ether
Concen: 0.378 ug/L
RT: 3.38 min Scan# 633
Delta R.T. -0.01 min
Lab File: VU041417.D
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Tot Ion: 73 Resp: 3588
Ion Ratio Lower Upper
73 100
43 19.8 18.3 27.5
57 19.6 17.7 26.5

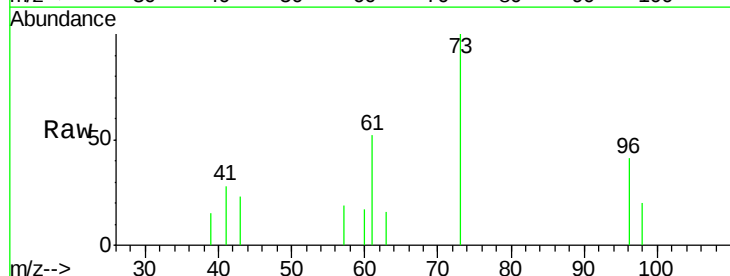


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

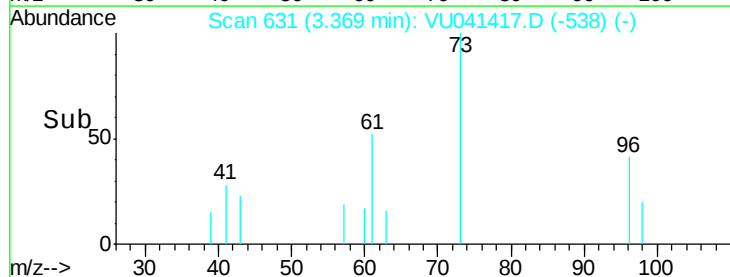
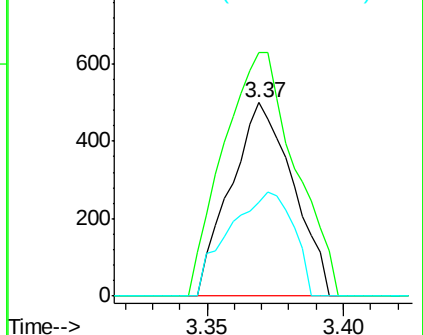


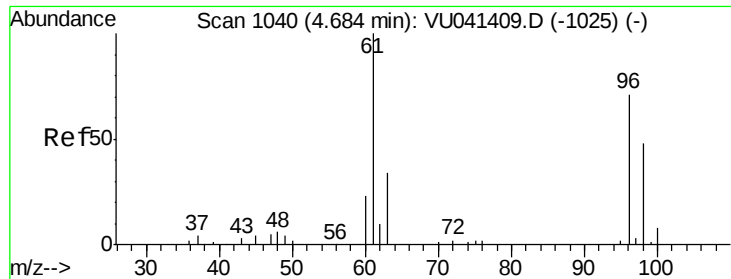
#18
trans-1,2-Dichloroethene
Concen: 0.192 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041417.D
Acq: 24 Nov 2020 14:56

Tgt Ion: 96 Resp: 791
Ion Ratio Lower Upper
96 100
61 126.1 103.7 192.5
98 48.5 47.5 88.3



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: 5.161 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041417.D
 Acq: 24 Nov 2020 14:56

Instrument :
 MSVOA_U
 ClientSampleId :
 H4422DL

Tot Ion: 96 Resp: 22662
 Ion Ratio Lower Upper
 96 100
 61 135.1 95.3 176.9
 68 0.0 0.0 0.0

