

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112420\
 Data File : VU041416.D
 Acq On : 24 Nov 2020 14:32
 Operator : SY/MD
 Sample : L4849-08DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4421DL

Quant Time: Nov 25 08:17:00 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	58947	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28517	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19188	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.92	69	15093	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.58	63	31990	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.65	46	76476	72.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.92%#
24) Chloroform-d	5.08	84	43803	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.72	65	30148	6.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.60%
32) Benzene-d6	5.74	84	78003	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.70	67	24381	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.90	98	66324	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	8.19	79	11786	5.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.60%
46) 2-Hexanone-d5	8.64	63	48307	68.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.46%#
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24001	6.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.60%#
64) 1,2-Dichlorobenzene-d4	12.19	152	26565	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

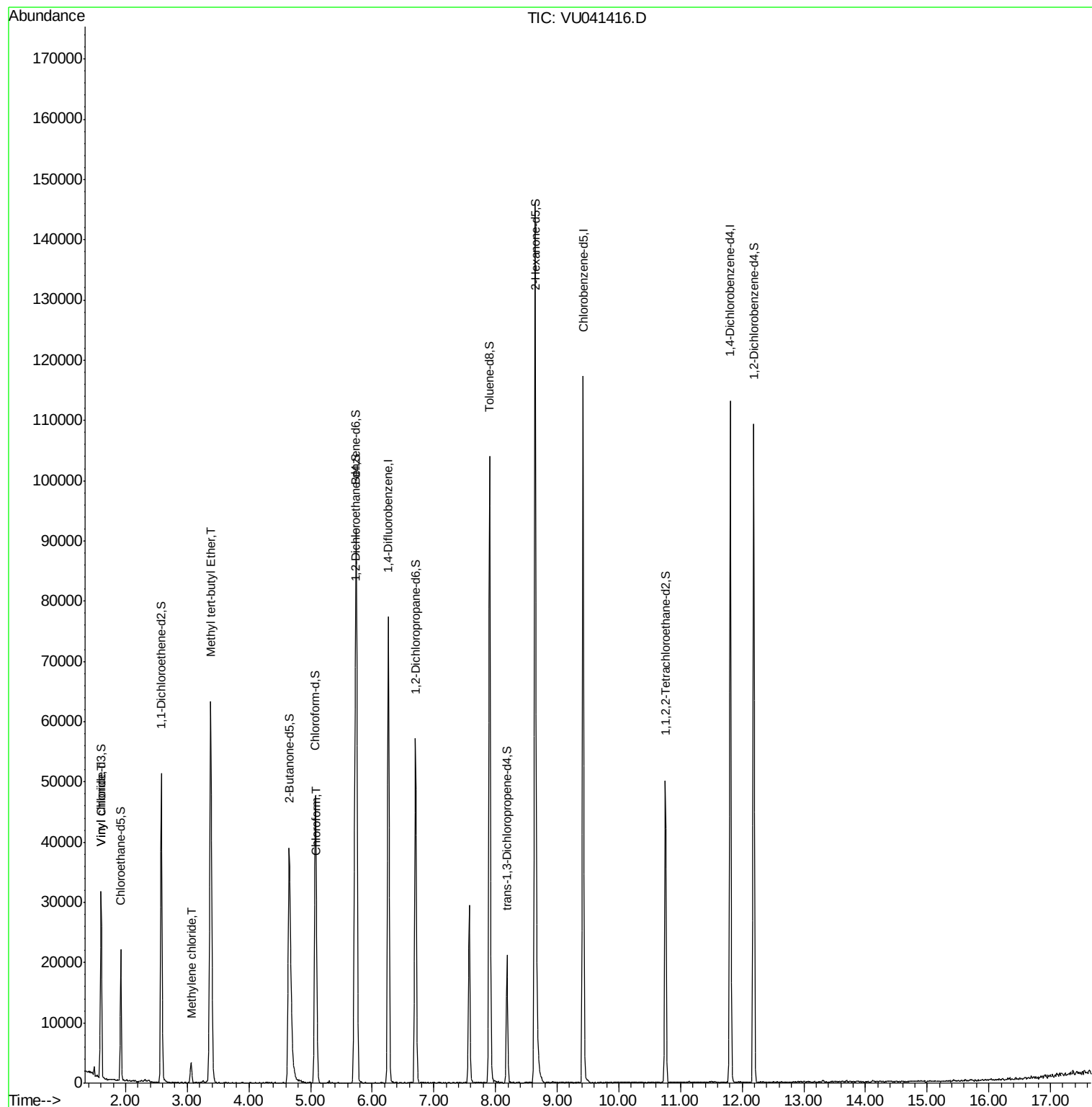
					Ovalue
5) Vinyl chloride	1.61	62	1259	0.244 ug/L	87
16) Methylene chloride	3.06	84	1516	0.292 ug/L	99
17) Methyl tert-butyl Ether	3.38	73	65469	7.243 ug/L	99
25) Chloroform	5.11	83	2139	0.249 ug/L	86

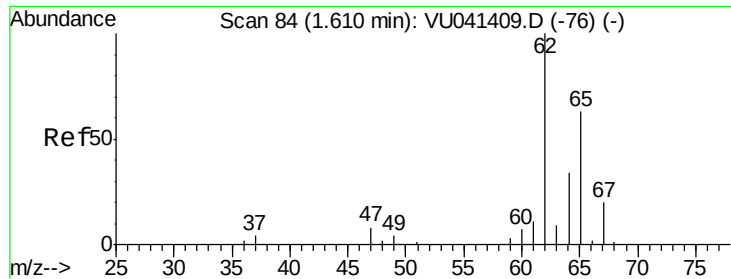
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.244 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041416.D

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Instrument :

MSVOA_U

ClientSampleID :

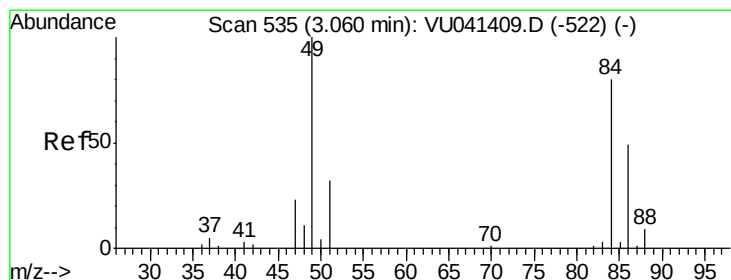
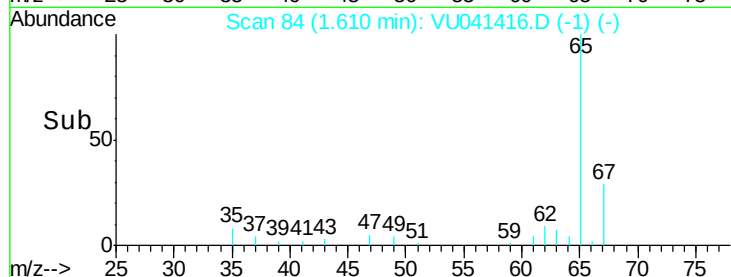
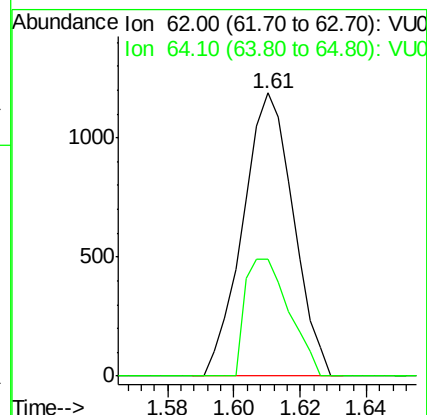
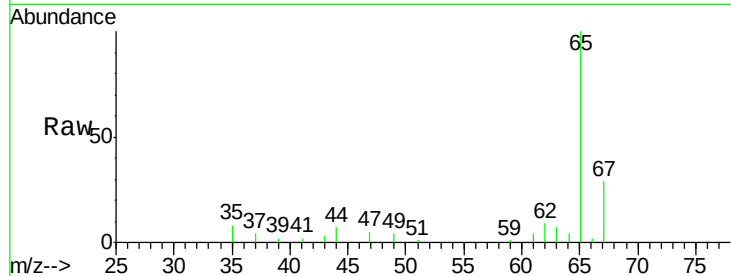
H4421DL

Tot Ion: 62 Resp: 1259

Ion Ratio Lower Upper

62 100

64 41.5 23.8 44.2



#16

Methylene chloride

Concen: 0.292 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU041416.D

Acq: 24 Nov 2020 14:32

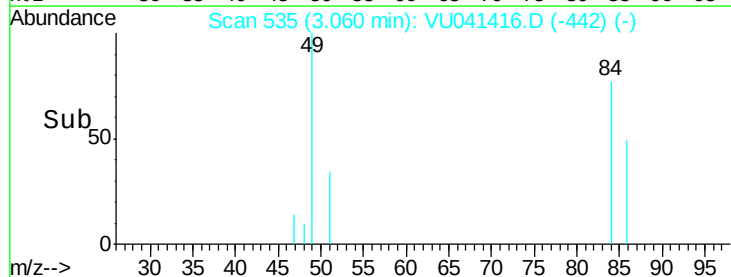
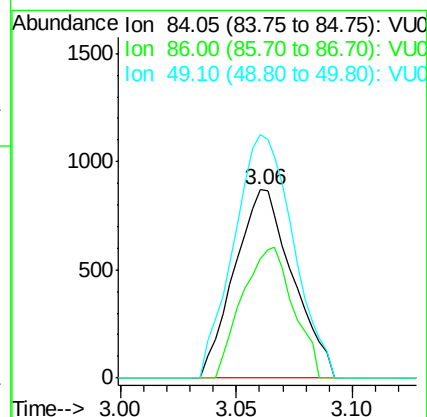
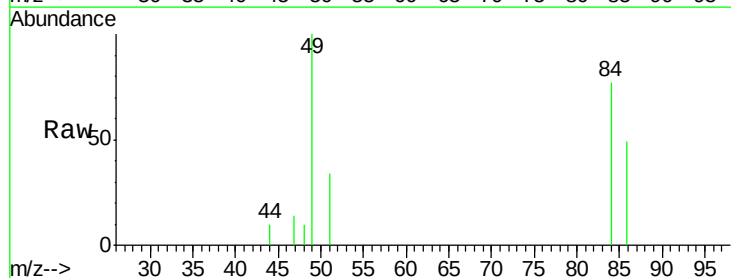
Tgt Ion: 84 Resp: 1516

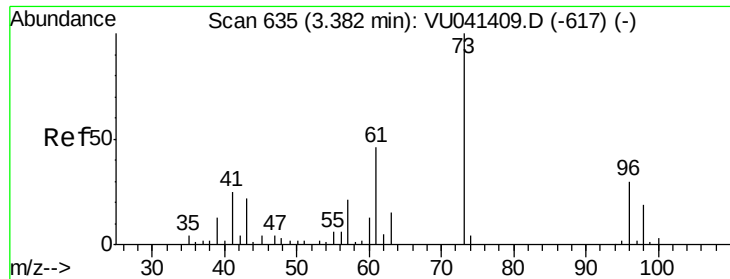
Ion Ratio Lower Upper

84 100

86 63.5 44.4 82.5

49 129.5 89.9 167.0

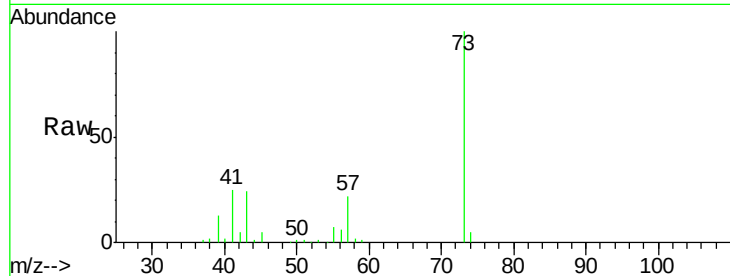




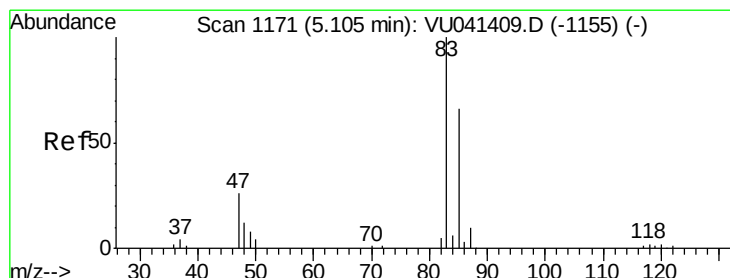
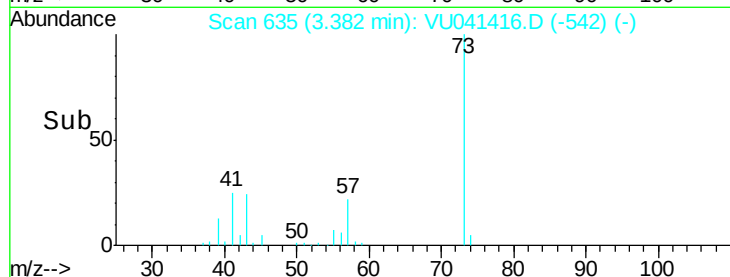
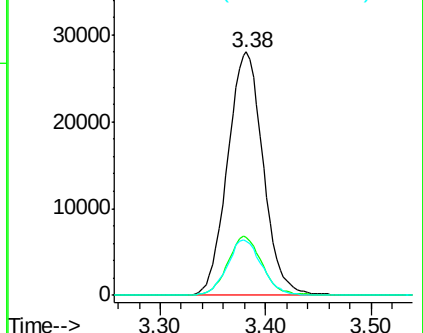
#17
Methyl tert-butyl Ether
Concen: 7.243 ug/L
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU041416.D
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Instrument :
MSVOA_U
ClientSampled :
H4421DL

Tot Ion: 73 Resp: 65469
Ion Ratio Lower Upper
73 100
43 23.5 18.3 27.5
57 22.2 17.7 26.5

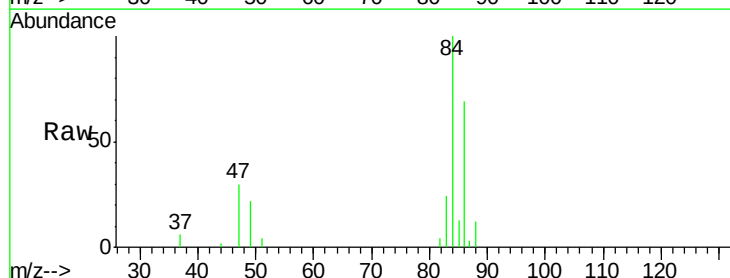


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0



#25
Chloroform
Concen: 0.249 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU041416.D
Acq: 24 Nov 2020 14:32

Tgt Ion: 83 Resp: 2139
Ion Ratio Lower Upper
83 100
85 53.2 44.7 82.9



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

