

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041400.D
 Acq On : 23 Nov 2020 20:15
 Operator : SY/MD
 Sample : L4849-09DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4422DL

Quant Time: Nov 24 03:02:00 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	64798	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28465	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22488	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.92	69	16143	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.58	63	36100	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	4.66	46	67294	58.00	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.00%
24) Chloroform-d	5.08	84	44516	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	29301	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.74	84	82737	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.70	67	27863	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.90	98	71410	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.19	79	11842	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.64	63	44477	55.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23873	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	27097	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

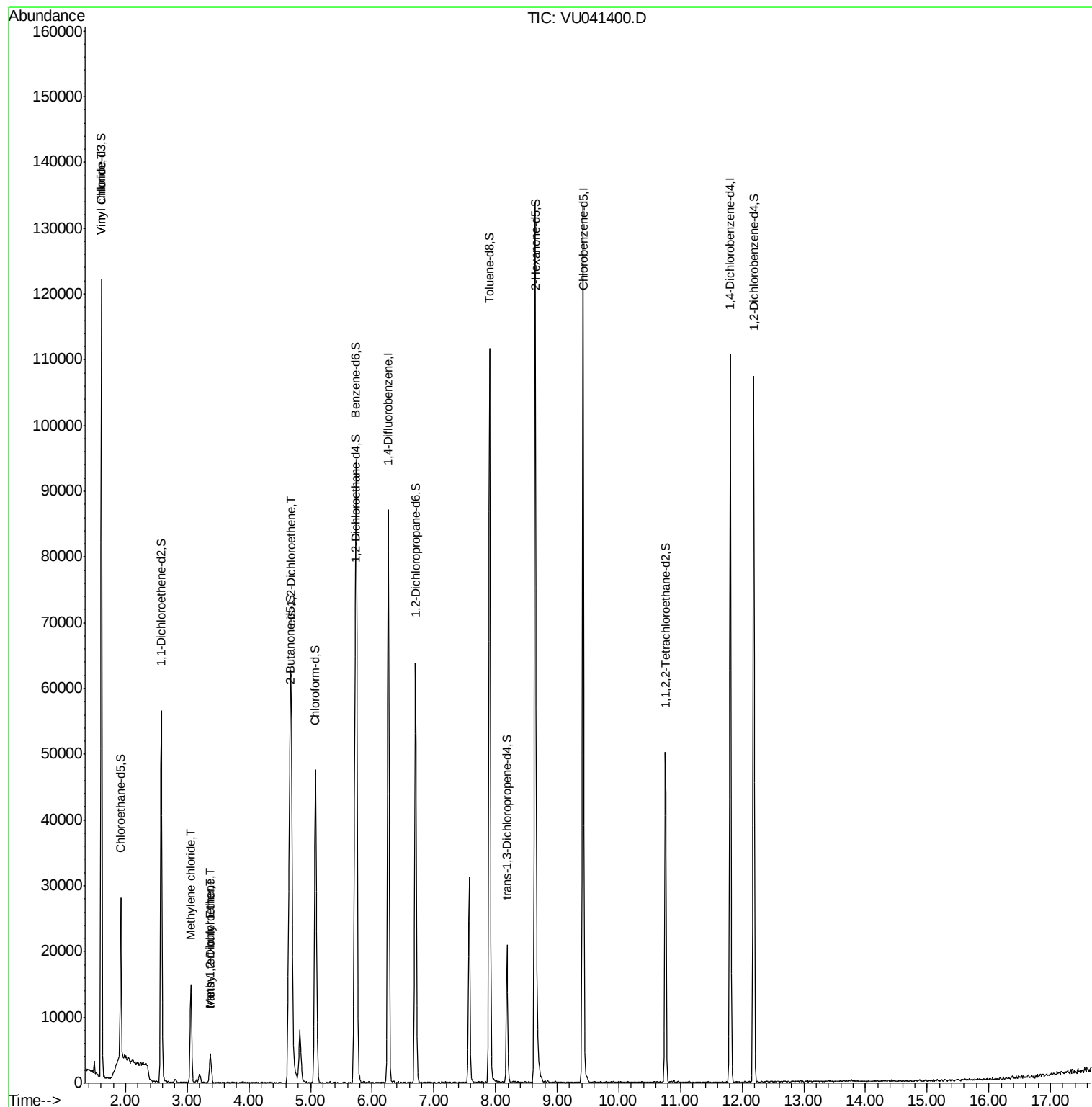
					Ovalue
5) Vinyl chloride	1.61	62	58819	10.387 ug/L	97
16) Methylene chloride	3.06	84	6423	1.126 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	3063	0.308 ug/L #	64
18) trans-1,2-Dichloroethene	3.37	96	878	0.203 ug/L	80
22) cis-1,2-Dichloroethene	4.68	96	21474	4.667 ug/L	97

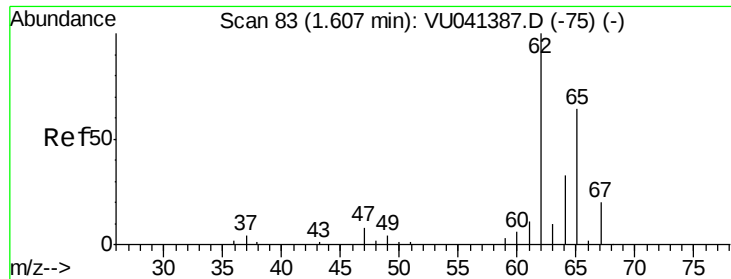
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112320\
Data File : VU041400.D
Acq On : 23 Nov 2020 20:15
Operator : SY/MD
Sample : L4849-09DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4422DL

Quant Time: Nov 24 03:02:00 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





#5

Vinyl chloride

Concen: 10.387 ug/L

RT: 1.61 min Scan# 83

Delta R.T. 0.00 min

Lab File: VU041400.D

Acq: 23 Nov 2020 20:15

Instrument :

MSVOA_U

ClientSampled :

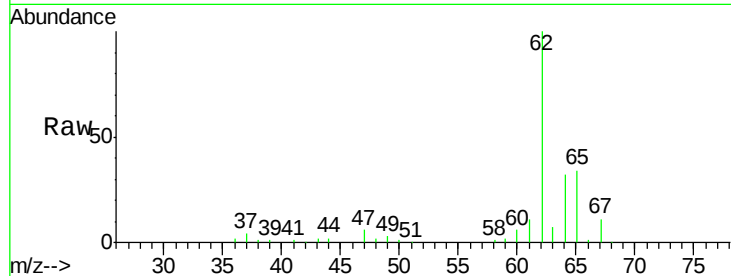
H4422DL

Tot Ion: 62 Resp: 58819

Ion Ratio Lower Upper

62 100

64 32.4 23.8 44.2

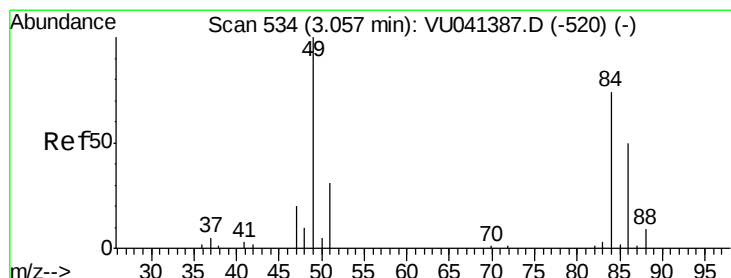
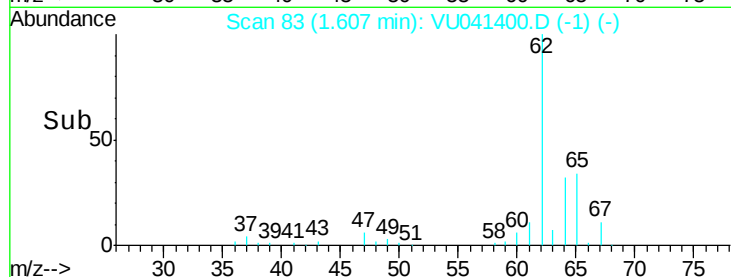


Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

Time--> 1.55 1.60 1.65



#16

Methylene chloride

Concen: 1.126 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041400.D

Acq: 23 Nov 2020 20:15

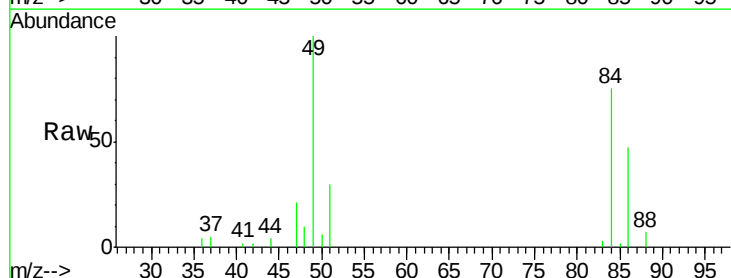
Tgt Ion: 84 Resp: 6423

Ion Ratio Lower Upper

84 100

86 62.8 44.4 82.5

49 133.0 89.9 167.0



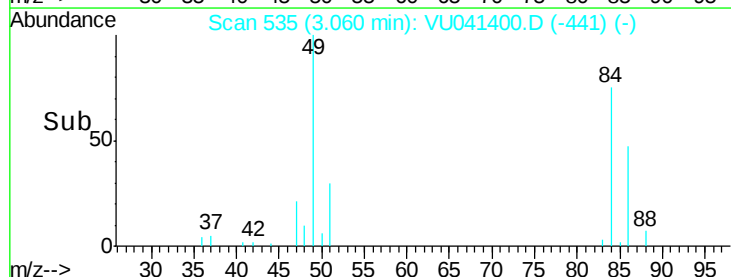
Abundance Ion 84.05 (83.75 to 84.75): VU0

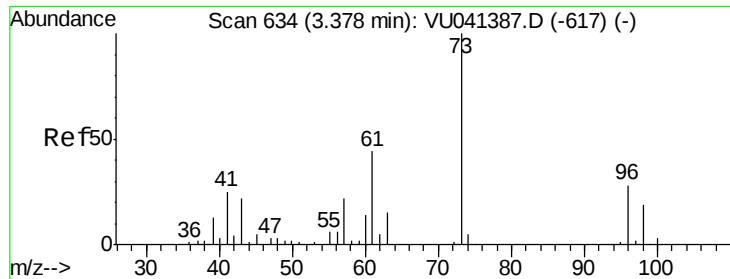
Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

3.06

Time--> 3.00 3.05 3.10

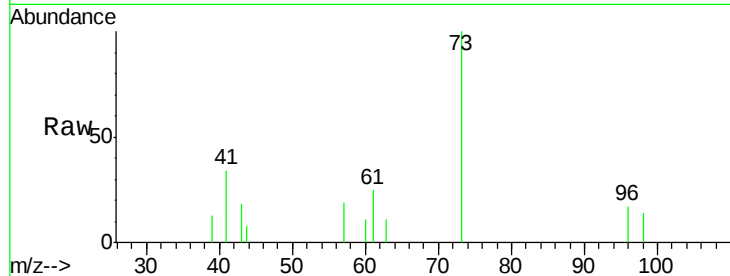




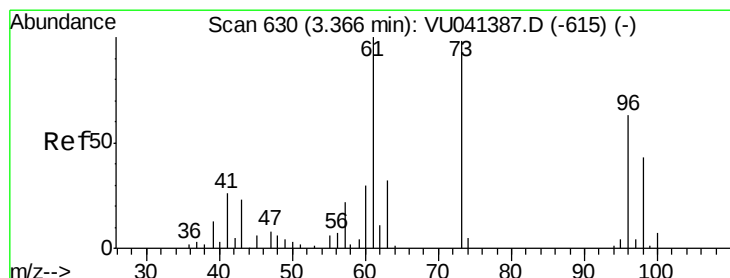
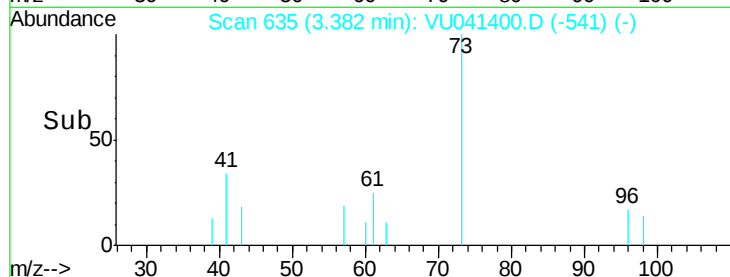
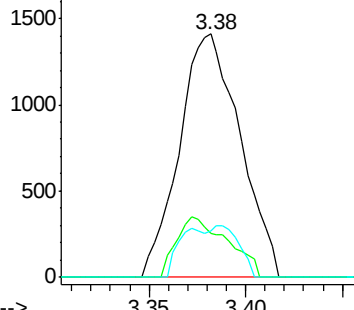
#17
Methvl tert-butvl Ether
Concen: 0.308 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041400.D
Acq: 23 Nov 2020 20:15

Instrument :
MSVOA_U
ClientSampleId :
H4422DL

Tot Ion: 73 Resp: 3063
Ion Ratio Lower Upper
73 100
43 0.0 18.3 27.5#
57 10.4 17.7 26.5#

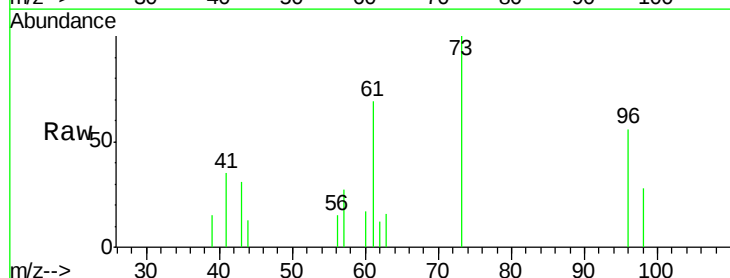


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

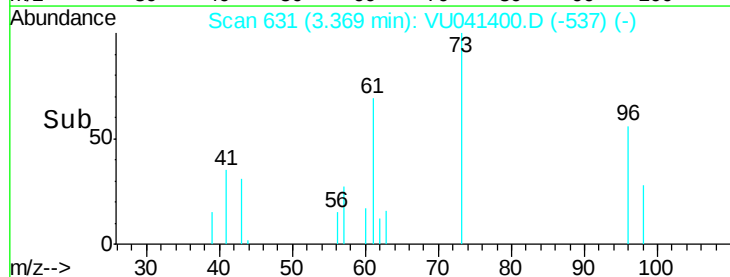
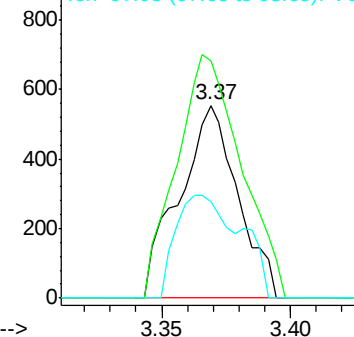


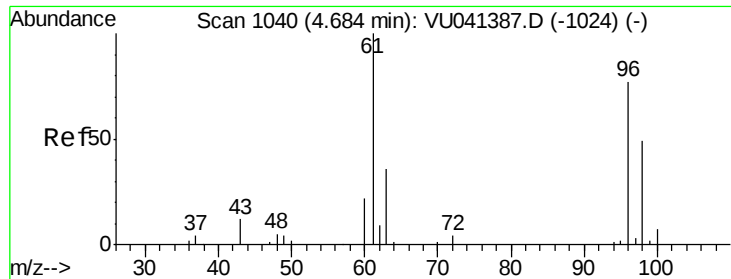
#18
trans-1,2-Dichloroethene
Concen: 0.203 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041400.D
Acq: 23 Nov 2020 20:15

Tgt Ion: 96 Resp: 878
Ion Ratio Lower Upper
96 100
61 123.3 103.7 192.5
98 50.4 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: 4.667 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041400.D
 Acq: 23 Nov 2020 20:15

Instrument :
 MSVOA_U
 ClientSampleId :
 H4422DL

Tot Ion: 96 Resp: 21474
 Ion Ratio Lower Upper
 96 100
 61 140.2 95.3 176.9
 68 0.0 0.0 0.0

