

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101620\
 Data File : VU040755.D
 Acq On : 16 Oct 2020 18:15
 Operator : SY/MD
 Sample : L4419-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK1

Quant Time: Oct 17 01:34:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 23:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109465	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37272	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.92	69	35970	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.58	63	60652	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.66	46	157647	54.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.62%
24) Chloroform-d	5.08	84	88597	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.72	65	52467	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.74	84	153338	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	52891	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.91	98	115539	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	18069	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.64	63	106227	48.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46675	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	48523	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

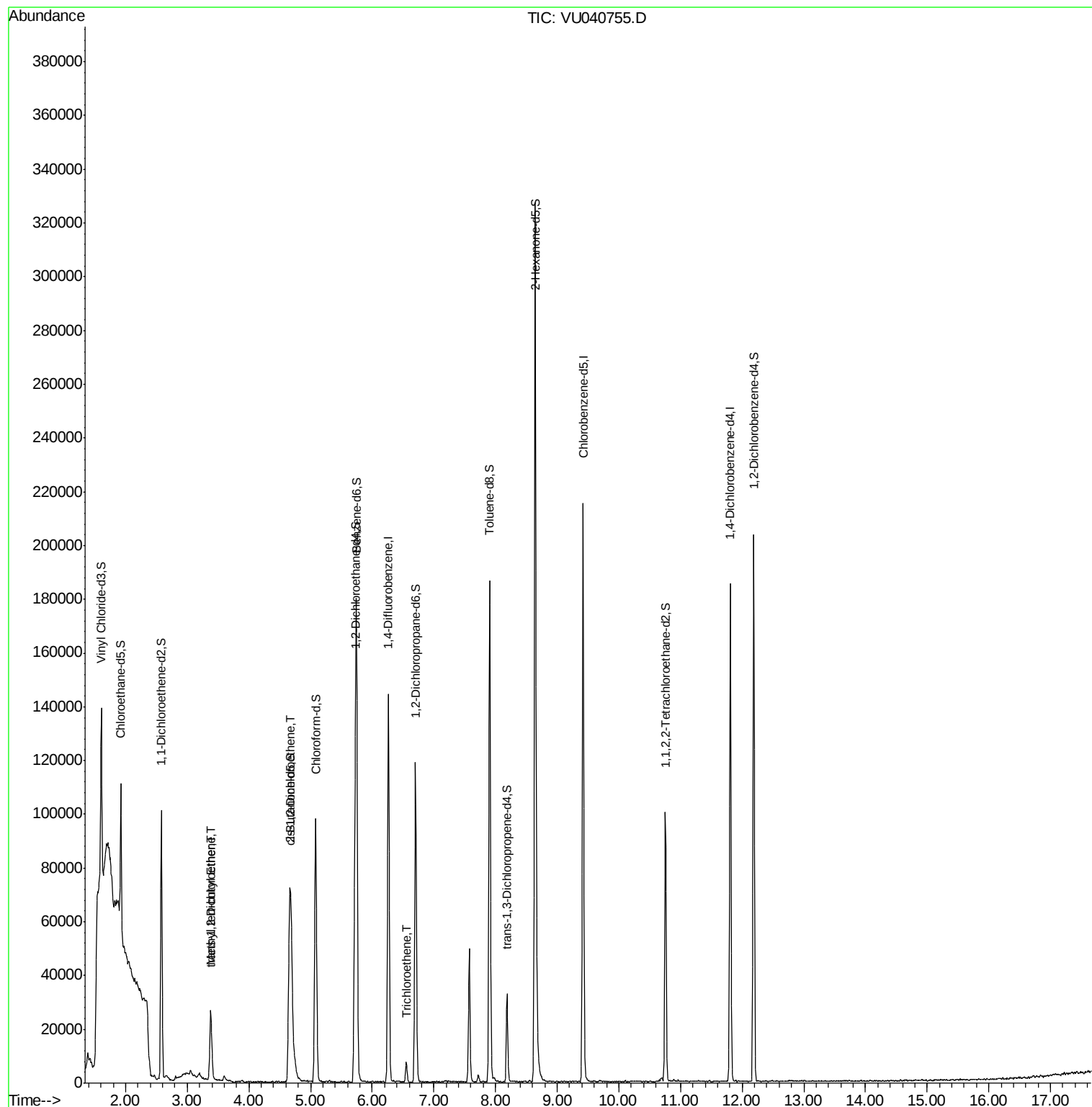
					Ovalue
17) Methyl tert-butyl Ether	3.39	73	24845	1.125 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	614	0.075 ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	9450	1.072 ug/L	96
34) Trichloroethene	6.55	95	2324	0.250 ug/L	95

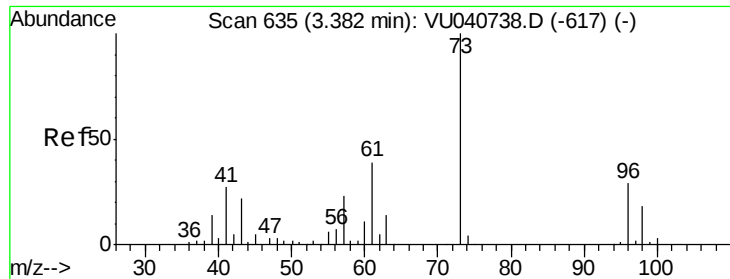
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101620\
Data File : VU040755.D
Acq On : 16 Oct 2020 18:15
Operator : SY/MD
Sample : L4419-19
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

Quant Time: Oct 17 01:34:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 23:38:52 2020
Response via : Initial Calibration

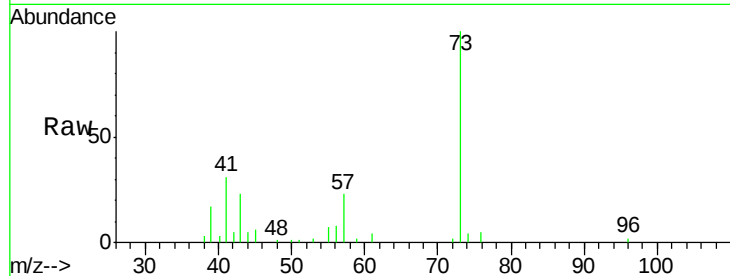




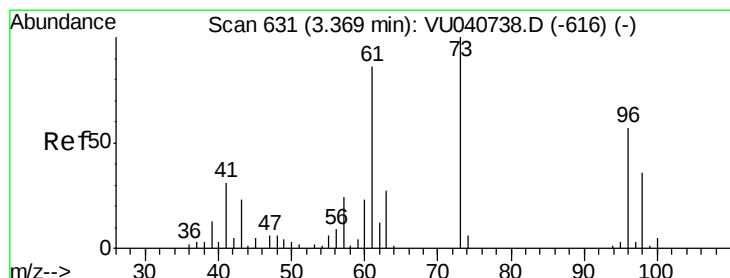
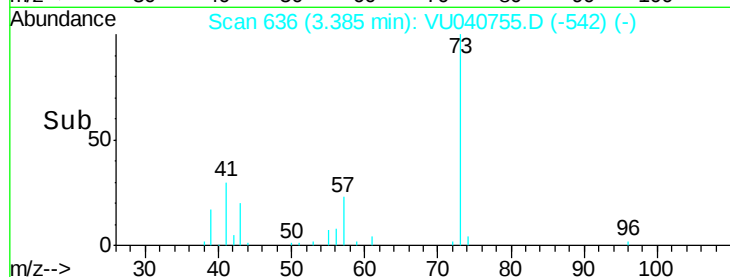
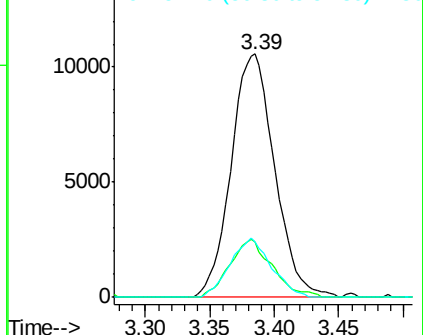
#17
Methvl tert-butvl Ether
Concen: 1.125 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Instrument :
MSVOA_U
ClientSampled :
C0AK1

Tot Ion: 73 Resp: 24845
Ion Ratio Lower Upper
73 100
43 23.1 18.2 27.4
57 22.8 18.6 28.0

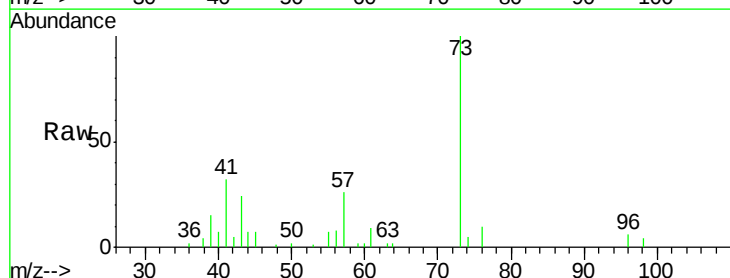


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

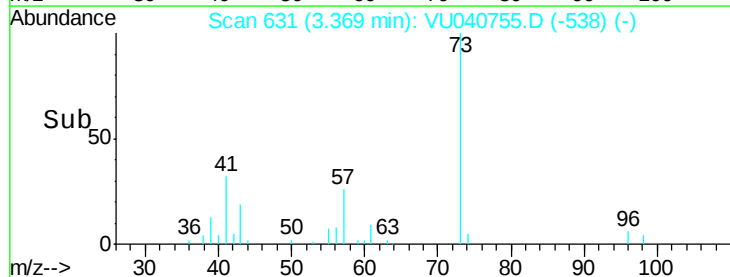
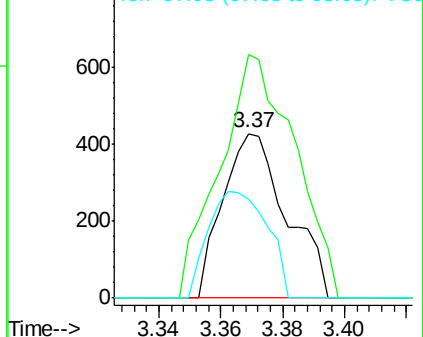


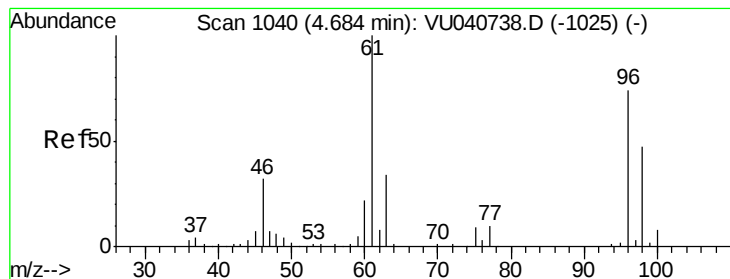
#18
trans-1,2-Dichloroethene
Concen: 0.075 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Tgt Ion: 96 Resp: 614
Ion Ratio Lower Upper
96 100
61 148.2 105.9 196.7
98 60.2 43.8 81.3



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: 1.072 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040755.D

Acq: 16 Oct 2020 18:15

Instrument :

MSVOA_U

ClientSampleId :

C0AK1

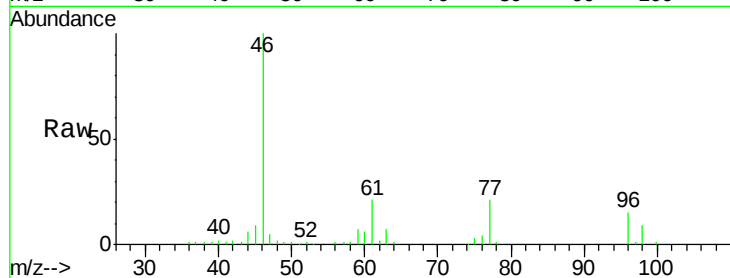
Tot Ion: 96 Resp: 9450

Ion Ratio Lower Upper

96 100

61 137.3 99.8 185.4

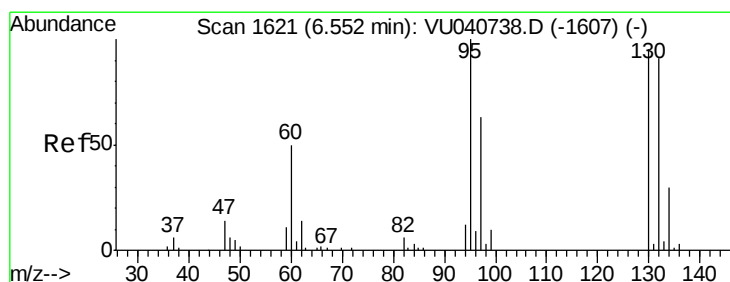
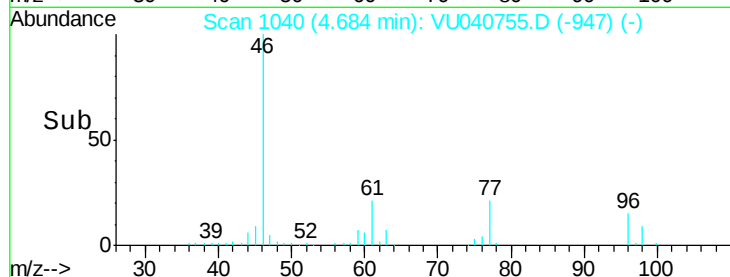
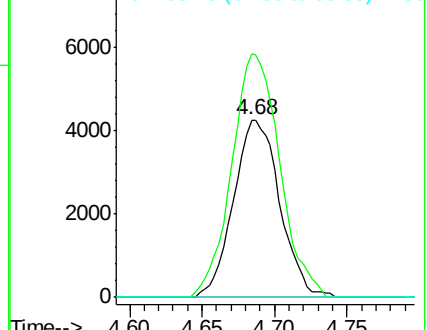
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040738.D (-1025) (-)

Ion 61.05 (60.75 to 61.75): VU040738.D (-1025) (-)

Ion 68.15 (67.85 to 68.85): VU040738.D (-1025) (-)



#34

Trichloroethene

Concen: 0.250 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU040755.D

Acq: 16 Oct 2020 18:15

Tgt Ion: 95 Resp: 2324

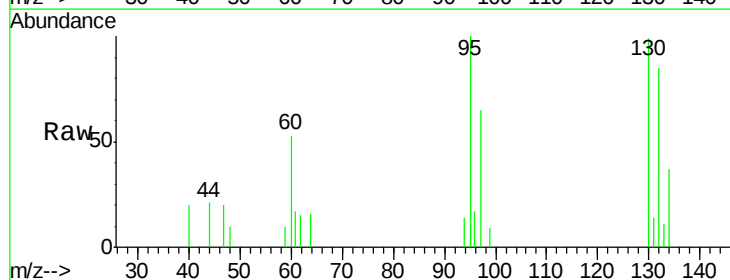
Ion Ratio Lower Upper

95 100

97 64.6 45.5 84.5

132 84.5 67.5 125.4

130 98.8 69.9 129.9



Abundance Ion 95.00 (94.70 to 95.70): VU040738.D (-1607) (-)

Ion 96.95 (96.65 to 97.65): VU040738.D (-1607) (-)

Ion 131.95 (131.65 to 132.65): VU040738.D (-1607) (-)

Ion 129.95 (129.65 to 130.65): VU040738.D (-1607) (-)

