

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010920\
 Data File : VU036422.D
 Acq On : 09 Jan 2020 16:37
 Operator : JC/MD
 Sample : L1042-12DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 04:10:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 10 04:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	467767	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	452371	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	164007	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	124550	34.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.34%
7) Chloroethane-d5	1.93	69	117727	38.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.58%
11) 1,1-Dichloroethene-d2	2.73	63	265	0.04	ug/L	0.13
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.68	46	256057	94.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.34%
24) Chloroform-d	5.11	84	294326	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
26) 1,2-Dichloroethane-d4	5.75	65	202630	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
32) Benzene-d6	5.77	84	582347	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
36) 1,2-Dichloropropane-d6	6.73	67	194877	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.28%
41) Toluene-d8	7.93	98	531355	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%
43) trans-1,3-Dichloropropene-	8.21	79	100419	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.62%
47) 2-Hexanone-d5	8.67	63	181962	83.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.53%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	280558	43.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	159608	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%

Target Compounds

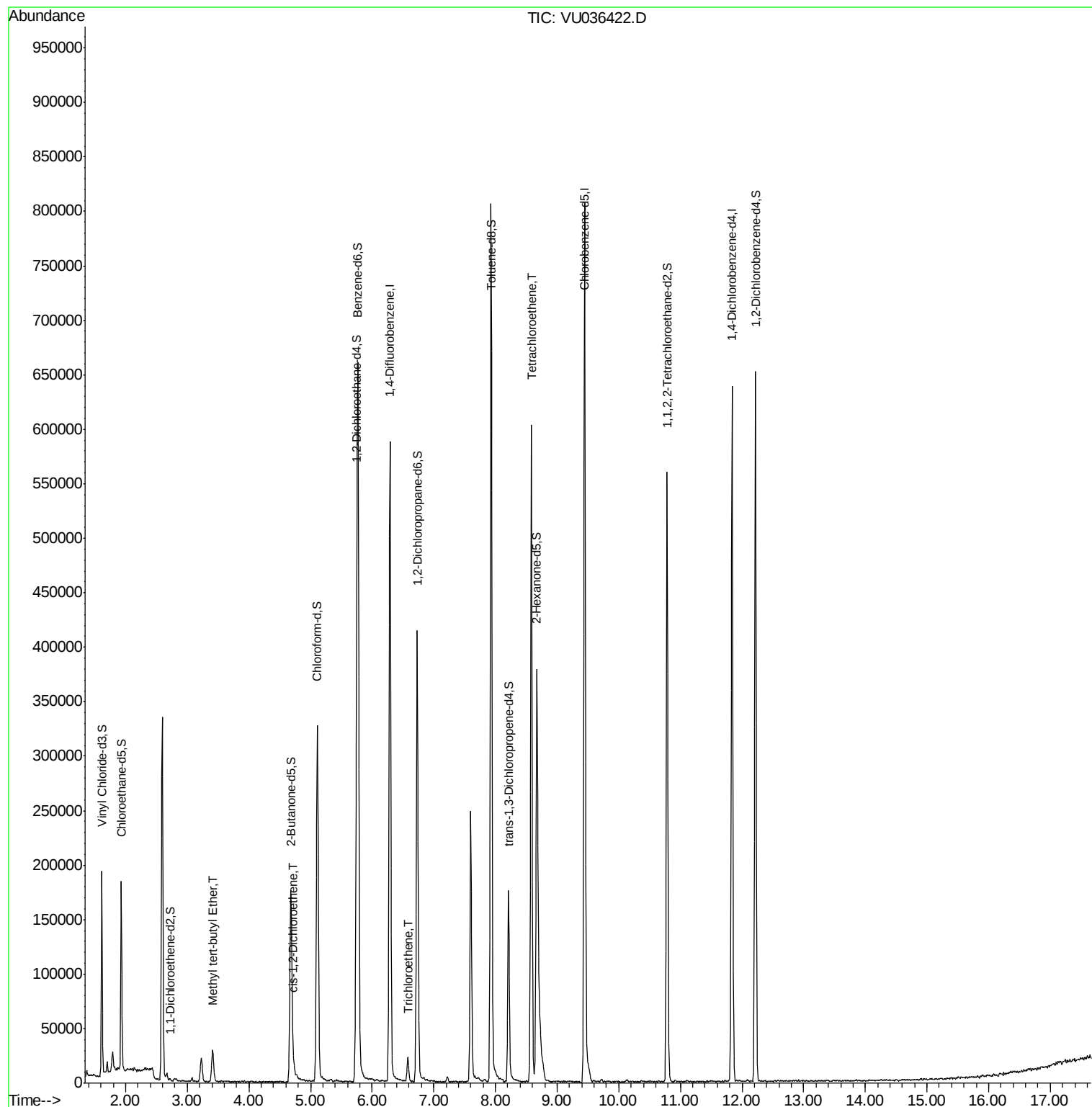
					Ovalue
18) Methyl tert-butyl Ether	3.41	73	33237	3.131 ug/L	99
20) cis-1,2-Dichloroethene	4.72	96	4092	1.158 ug/L #	99
34) Trichloroethene	6.58	95	6397	1.867 ug/L	91
46) Tetrachloroethene	8.58	164	120648	48.945 ug/L	98

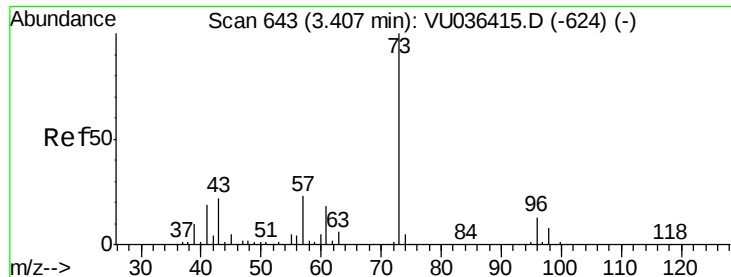
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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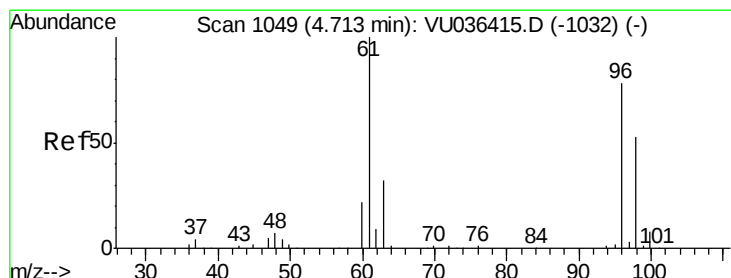
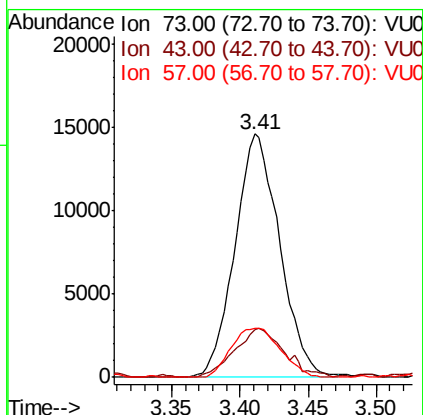
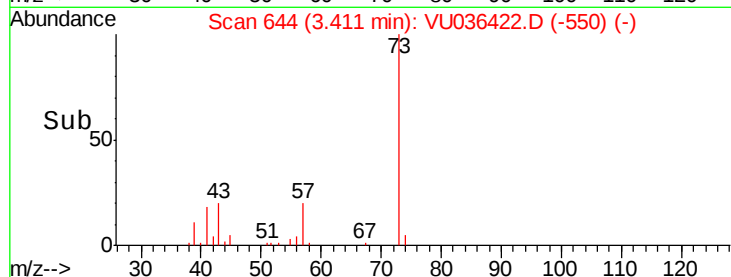
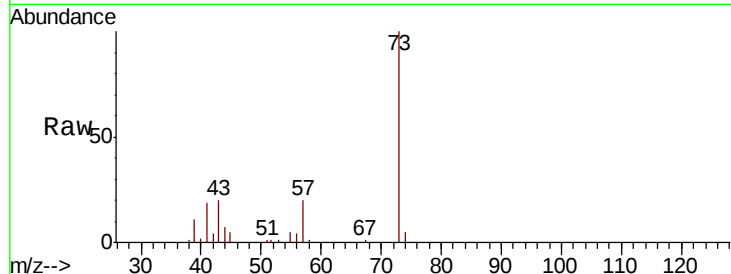




#18
Methvl tert-butvl Ether
Concen: 3.131 ug/L
RT: 3.41 min Scan# 644
Delta R.T. 0.00 min
Lab File: VU036422.D
Acq: 09 Jan 2020 16:37

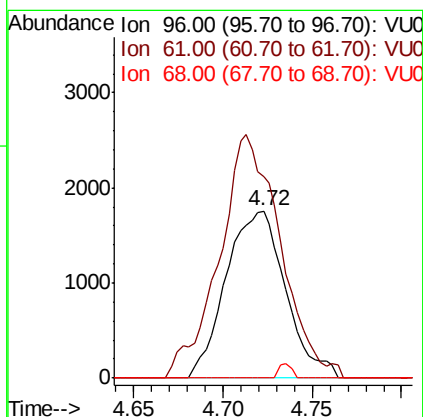
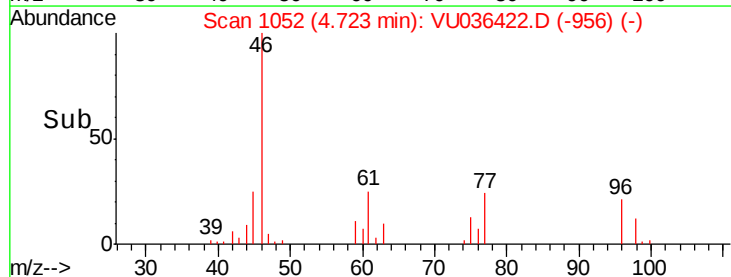
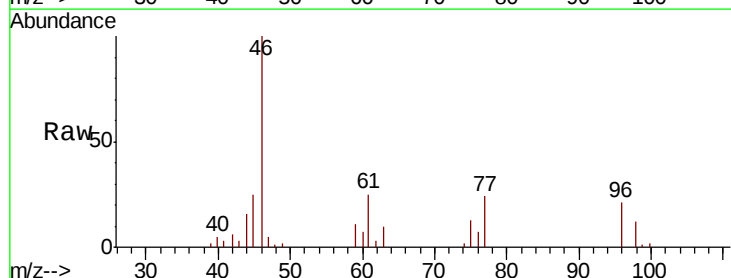
Instrument :
MSVOA_U
ClientSampleId :

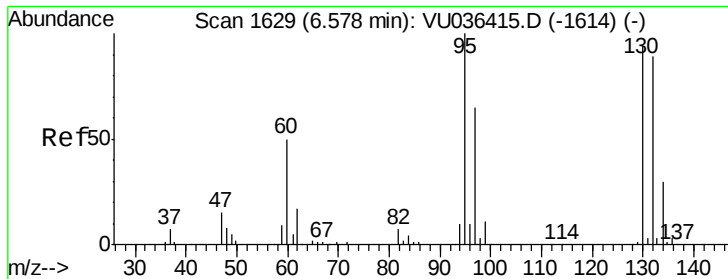
Tot Ion: 73 Resp: 33237
Ion Ratio Lower Upper
73 100
43 19.7 16.3 24.5
57 22.3 17.7 26.5



#20
cis-1,2-Dichloroethene
Concen: 1.158 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU036422.D
Acq: 09 Jan 2020 16:37

Tgt Ion: 96 Resp: 4092
Ion Ratio Lower Upper
96 100
61 120.3 85.1 158.1
68 0.0 0.1 0.3#





#34

Trichloroethene

Concen: 1.867 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

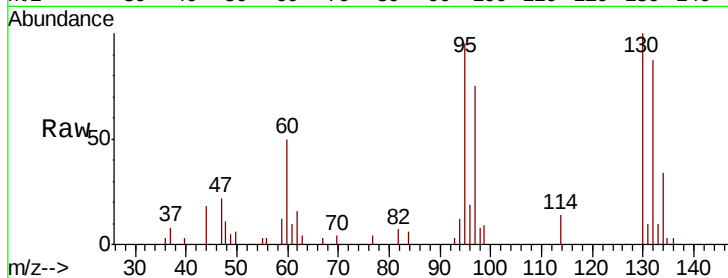
Lab File: VU036422.D

Acq: 09 Jan 2020 16:37

Instrument :

MSVOA_U

ClientSampled :



Tot Ion: 95 Resp: 6397

Ion Ratio Lower Upper

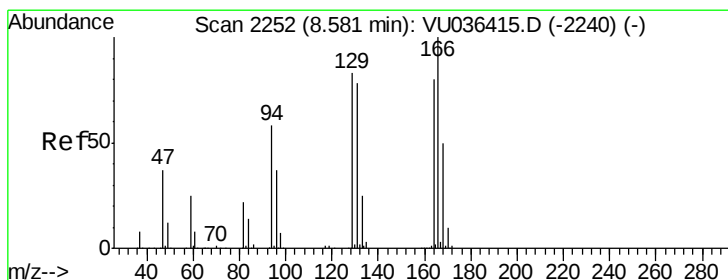
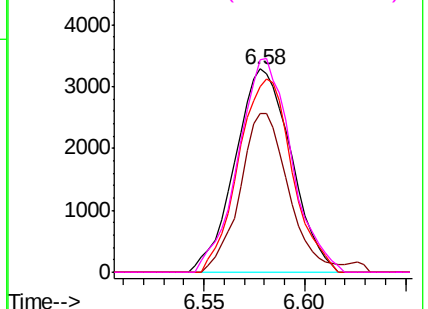
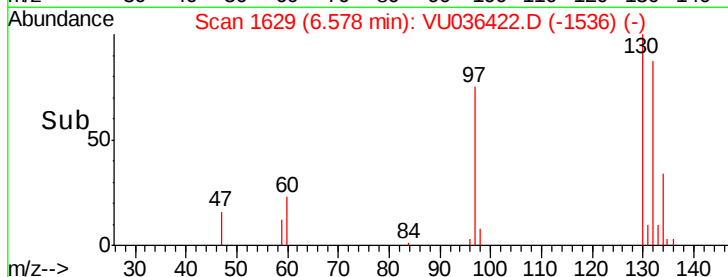
95 100

97 78.3 44.5 82.7

132 91.6 64.5 119.9

130 104.8 66.6 123.8

Abundance Ion 95.00 (94.70 to 95.70): VU036422.D (-1536) (-)



#46

Tetrachloroethene

Concen: 48.945 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036422.D

Acq: 09 Jan 2020 16:37

Tgt Ion: 164 Resp: 120648

Ion Ratio Lower Upper

164 100

129 102.0 70.0 130.0

131 102.5 70.1 130.1

166 127.5 87.2 161.9

Abundance Ion 164.00 (163.70 to 164.70): VU036422.D (-2159) (-)

