

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122019\
 Data File : VU036313.D
 Acq On : 20 Dec 2019 13:09
 Operator : JC/MD
 Sample : K6282-11DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW7DL

Quant Time: Dec 20 23:29:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 22:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	244274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	269075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	110962	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	101415	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	92991	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	106969	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.68	46	182303	45.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.48%
24) Chloroform-d	5.11	84	160484	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.75	65	83461	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.77	84	289475	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.73	67	95530	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.93	98	236034	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.21	79	35478	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.67	63	139997	41.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.50%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	84028	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	96800	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

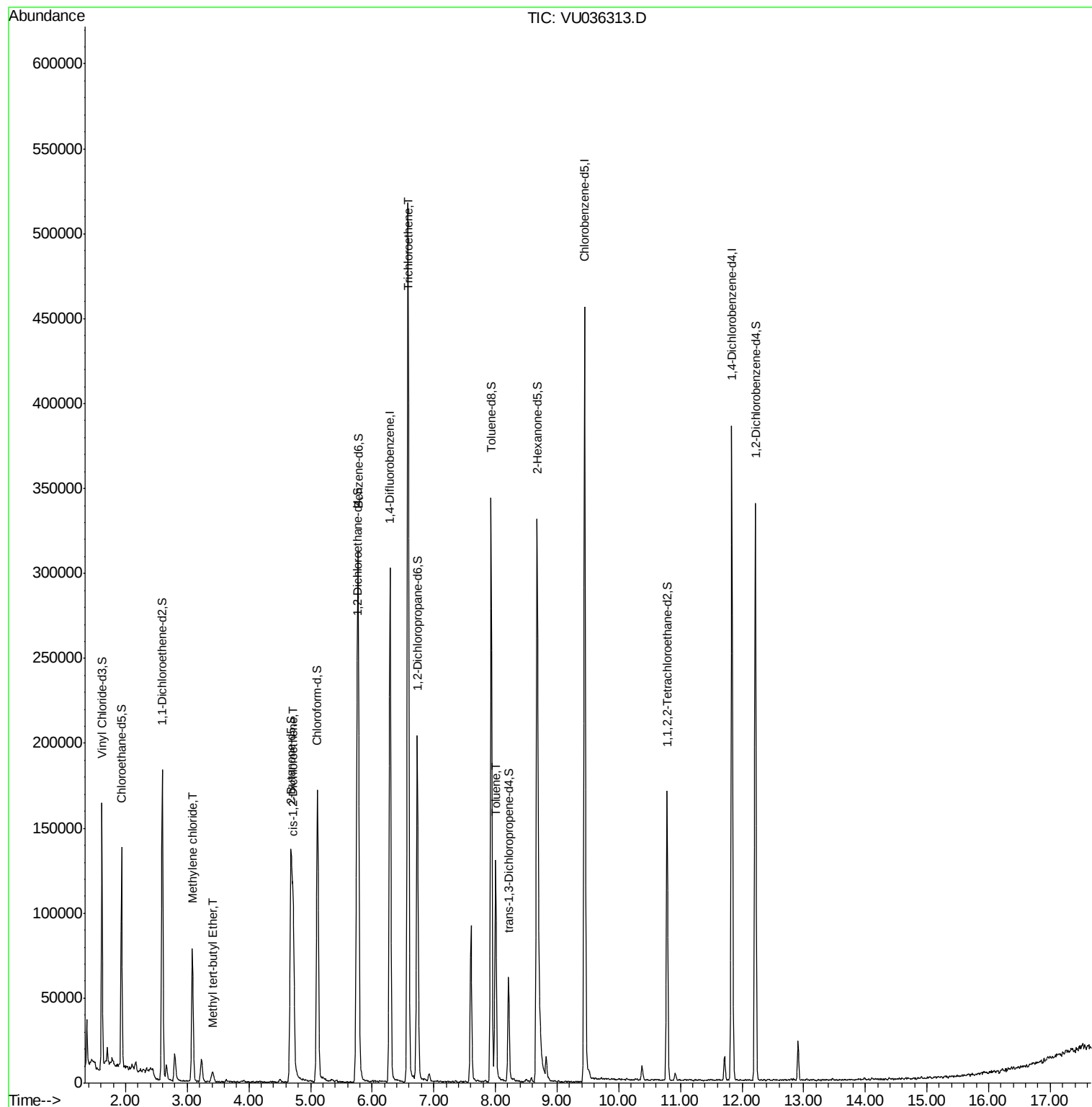
					Ovalue
16) Methylene chloride	3.08	84	39286	1.475 ug/L	97
17) Methyl tert-butyl Ether	3.42	73	4455	0.115 ug/L #	83
22) cis-1,2-Dichloroethene	4.72	96	48218	2.368 ug/L	95
34) Trichloroethene	6.58	95	176634	8.285 ug/L	97
42) Toluene	8.00	91	96222	1.086 ug/L	96

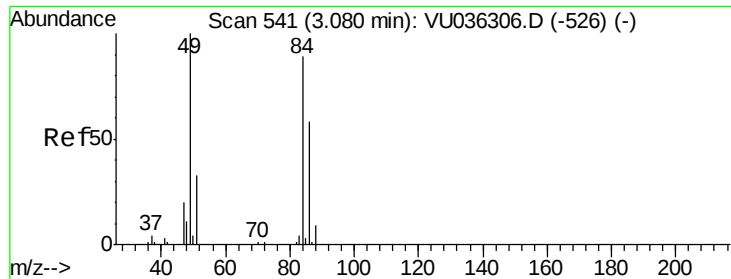
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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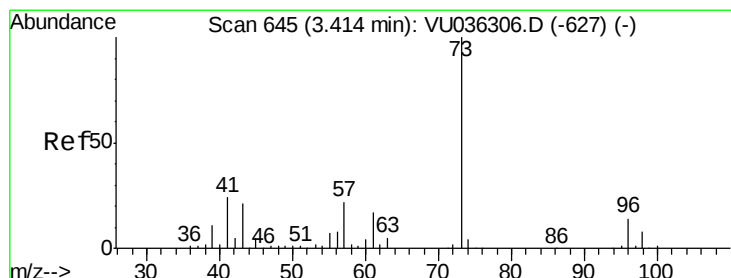
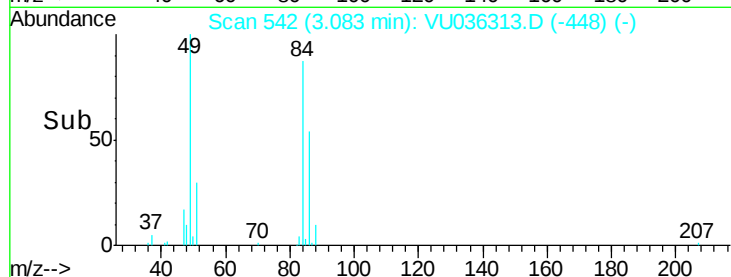
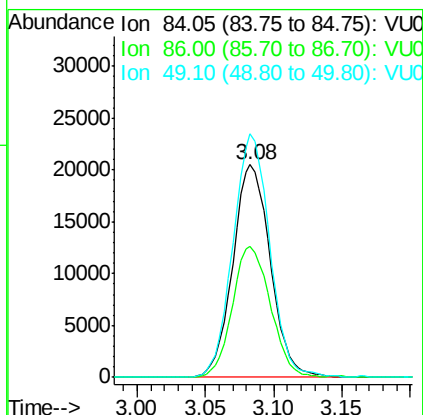
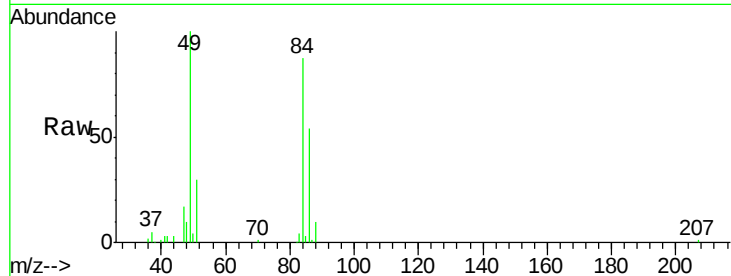




#16
Methvlene chloride
Concen: 1.475 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

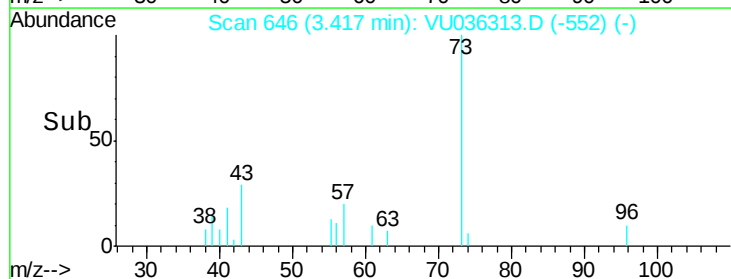
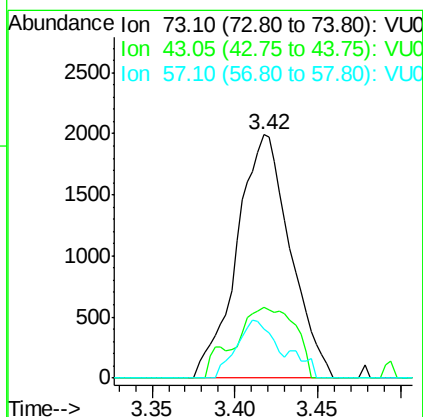
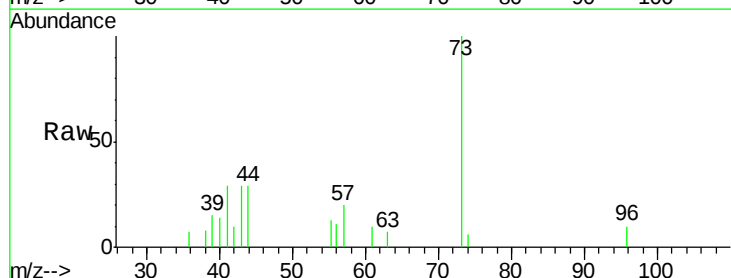
Instrument :
MSVOA_U
ClientSampleId :
BFDW7DL

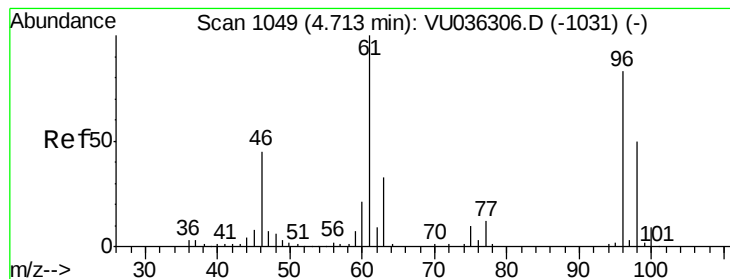
Tot Ion: 84 Resp: 39286
Ion Ratio Lower Upper
84 100
86 61.3 43.0 79.8
49 114.5 77.3 143.5



#17
Methyl tert-butyl Ether
Concen: 0.115 ug/L
RT: 3.42 min Scan# 646
Delta R.T. 0.00 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Tgt Ion: 73 Resp: 4455
Ion Ratio Lower Upper
73 100
43 28.9 15.3 22.9#
57 16.7 18.2 27.2#





#22

cis-1,2-Dichloroethene

Concen: 2.368 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036313.D

Acq: 20 Dec 2019 13:09

Instrument :

MSVOA_U

ClientSampleId :

BFDW7DL

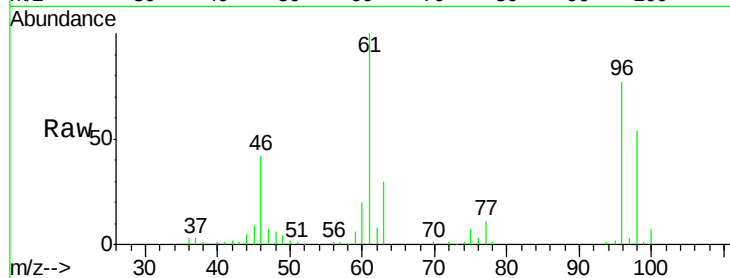
Tot Ion: 96 Resp: 48218

Ion Ratio Lower Upper

96 100

61 129.6 86.7 161.1

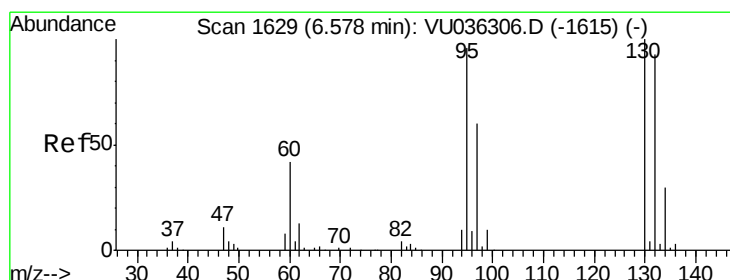
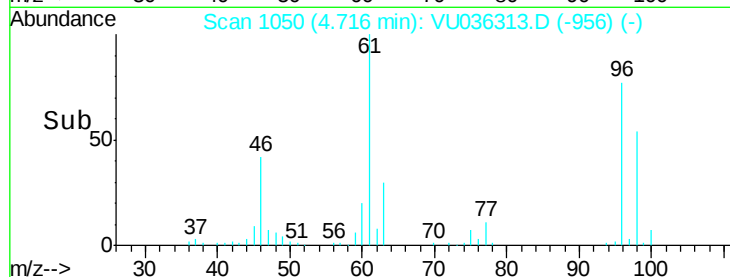
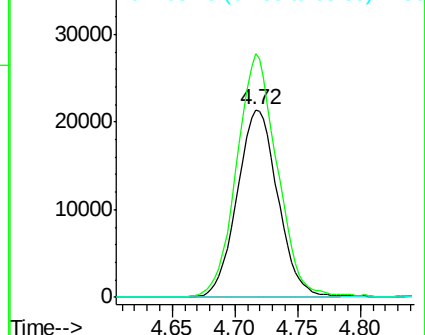
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036313.D (-1031) (-)

Ion 61.05 (60.75 to 61.75): VU036313.D (-1031) (-)

Ion 68.15 (67.85 to 68.85): VU036313.D (-1031) (-)



#34

Trichloroethene

Concen: 8.285 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036313.D

Acq: 20 Dec 2019 13:09

Tgt Ion: 95 Resp: 176634

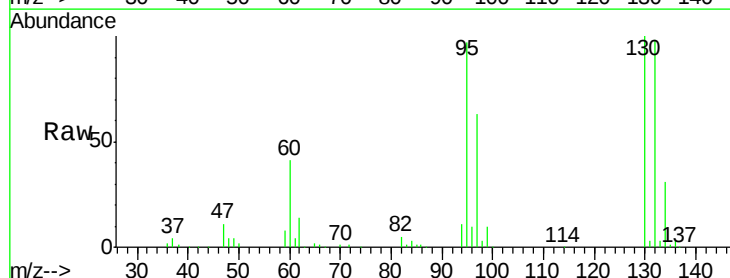
Ion Ratio Lower Upper

95 100

97 65.6 43.6 81.0

132 101.4 69.6 129.2

130 103.5 70.3 130.7

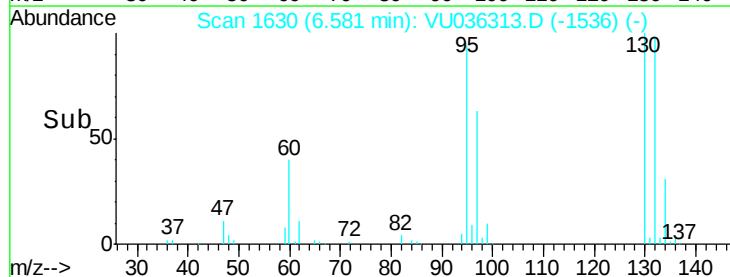
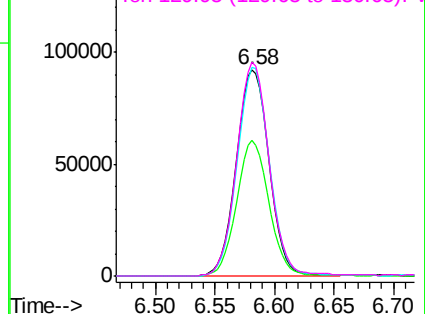


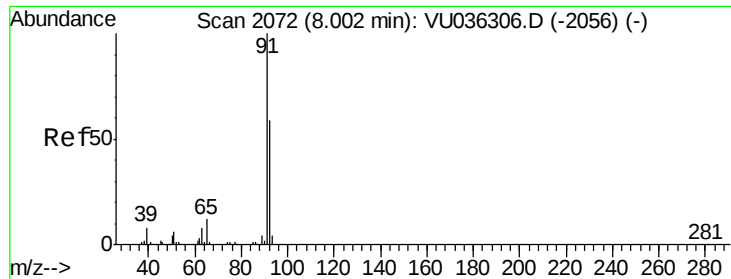
Abundance Ion 95.00 (94.70 to 95.70): VU036313.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU036313.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU036313.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU036313.D (-1615) (-)





#42

Toluene

Concen: 1.086 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU036313.D

Acq: 20 Dec 2019 13:09

Instrument :

MSVOA_U

ClientSampleId :

BFDW7DL

Tot Ion: 91 Resp: 96222

Ion Ratio Lower Upper

91 100

92 55.6 41.2 76.6

