

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036316.D
 Acq On : 20 Dec 2019 14:20
 Operator : JC/MD
 Sample : K6282-14DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDX0DL

Quant Time: Dec 20 23:51:30 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	229996	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	260120	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	102250	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	96937	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.93	69	90840	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	101607	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.68	46	172745	45.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.06%
24) Chloroform-d	5.11	84	152196	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.75	65	82847	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.77	84	279462	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.73	67	90985	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.93	98	222573	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	8.21	79	34943	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.67	63	134336	41.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.90%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	82737	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	89643	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

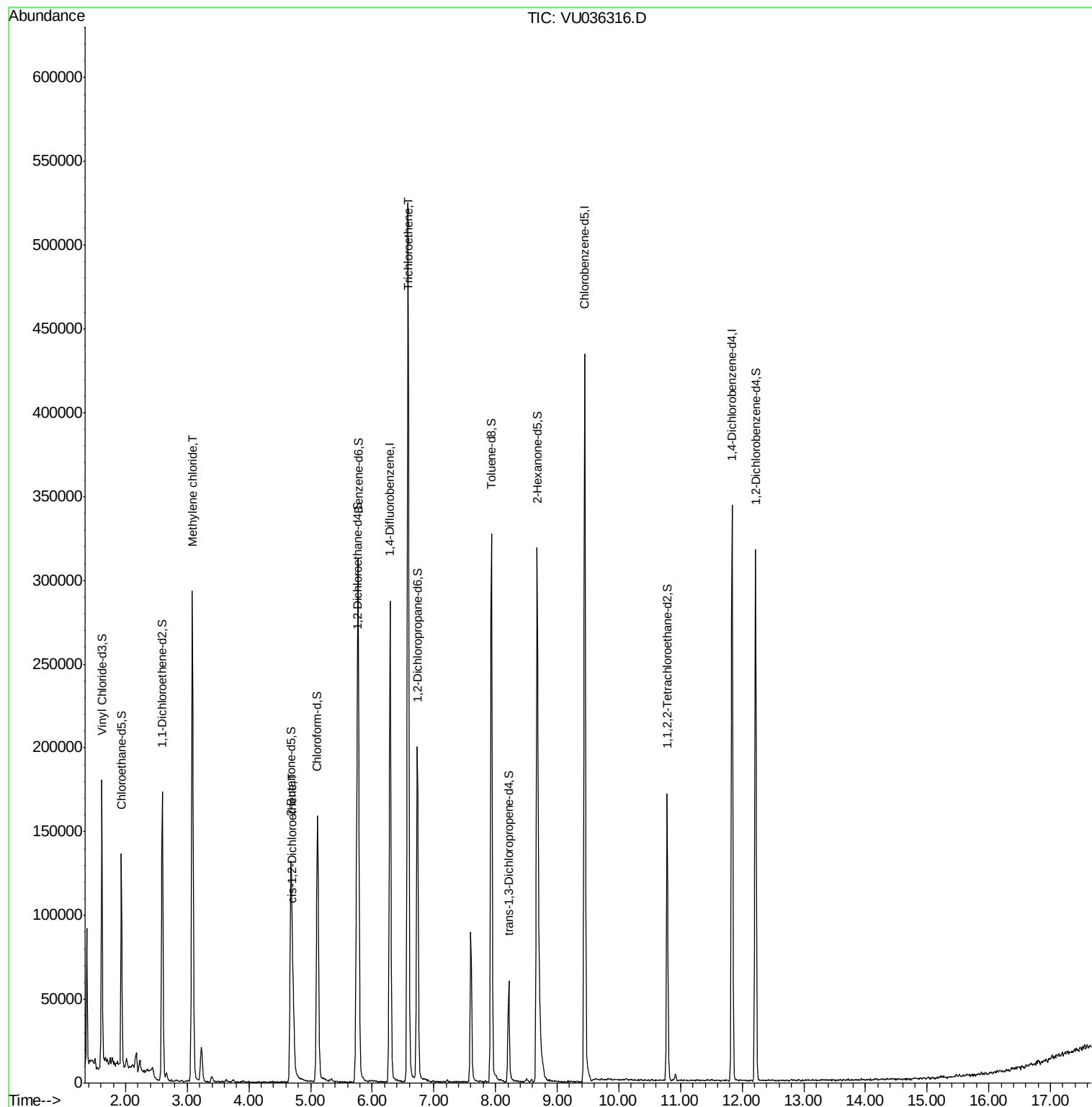
Target Compounds					Ovalue
16) Methylene chloride	3.08	84	144944	5.779 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	18477	0.964 ug/L	87
34) Trichloroethene	6.58	95	177984	8.636 ug/L	98

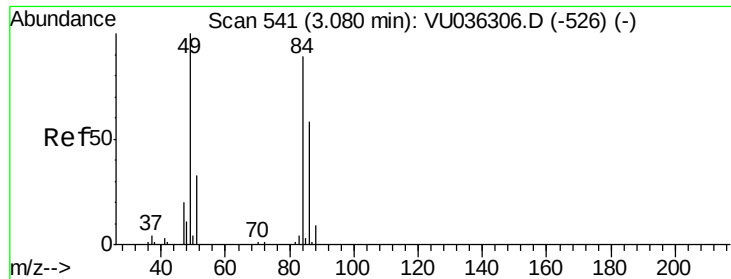
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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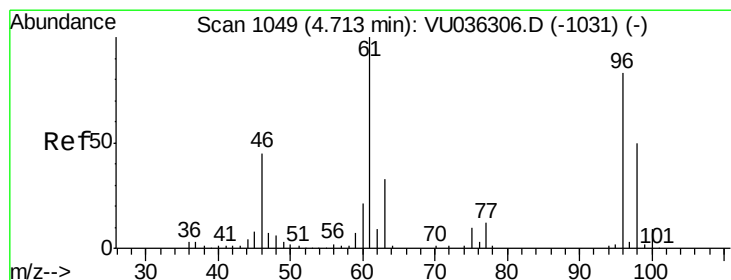
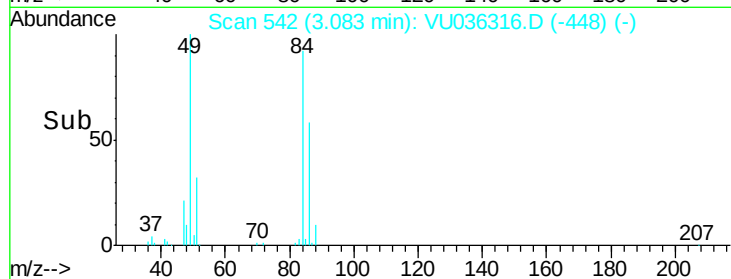
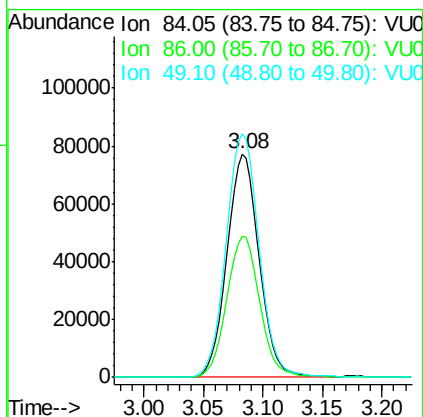
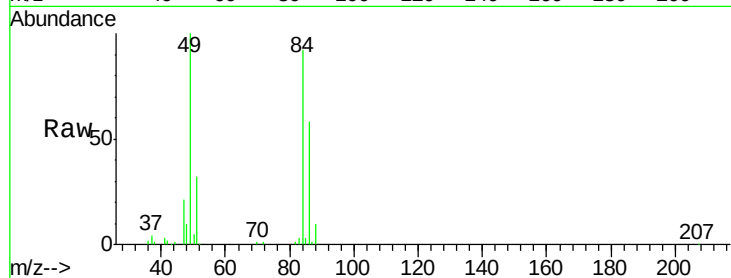




#16
Methylene chloride
Concen: 5.779 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036316.D
Acq: 20 Dec 2019 14:20

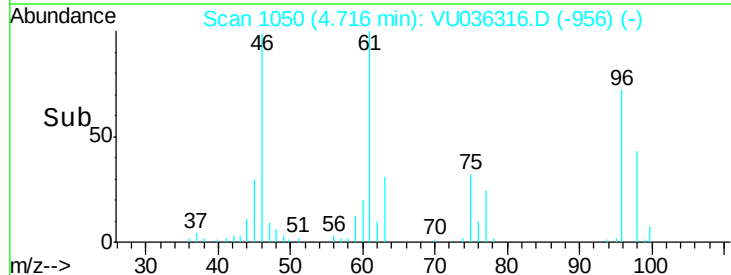
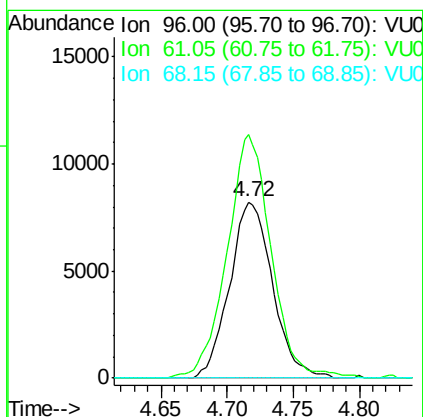
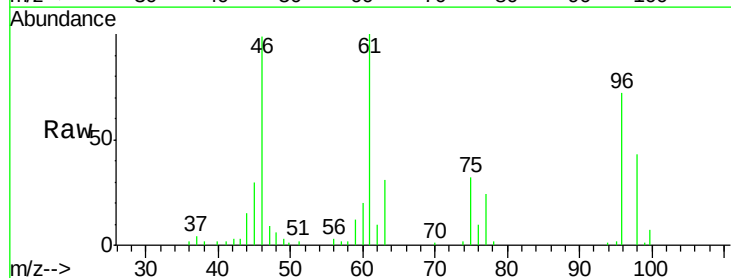
Instrument :
MSVOA_U
ClientSampled :
BFDX0DL

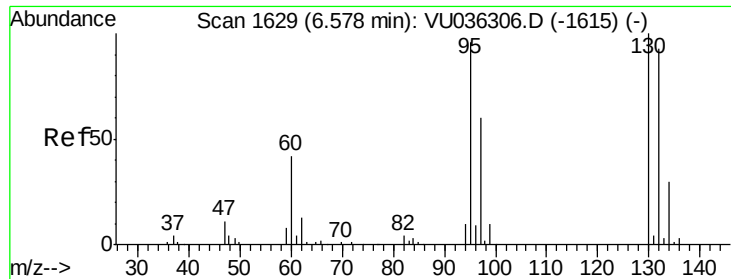
Tot Ion: 84 Resp: 144944
Ion Ratio Lower Upper
84 100
86 62.9 43.0 79.8
49 108.9 77.3 143.5



#22
cis-1,2-Dichloroethene
Concen: 0.964 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036316.D
Acq: 20 Dec 2019 14:20

Tgt Ion: 96 Resp: 18477
Ion Ratio Lower Upper
96 100
61 138.2 86.7 161.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 8.636 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036316.D

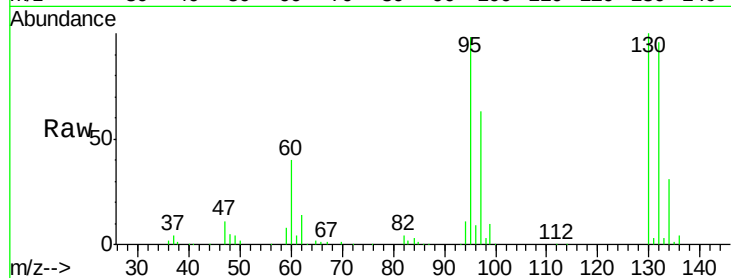
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Tot Ion: 95 Resp: 177984

Ion Ratio Lower Upper

95 100

97 64.5 43.6 81.0

132 98.0 69.6 129.2

130 102.4 70.3 130.7

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

