

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010820\
 Data File : VU036412.D
 Acq On : 08 Jan 2020 17:35
 Operator : JC/MD
 Sample : L1042-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 03:53:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 09 03:50:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	488000	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	448677	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	171688	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	149101	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.42%
7) Chloroethane-d5	1.93	69	140596	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.66%
11) 1,1-Dichloroethene-d2	2.59	63	232772	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.86%
21) 2-Butanone-d5	4.68	46	289387	102.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.20%
24) Chloroform-d	5.11	84	324677	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
26) 1,2-Dichloroethane-d4	5.75	65	229267	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.20%
32) Benzene-d6	5.77	84	649415	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
36) 1,2-Dichloropropane-d6	6.73	67	218584	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.36%
41) Toluene-d8	7.93	98	610098	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%
43) trans-1,3-Dichloropropene-	8.21	79	107945	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.98%
47) 2-Hexanone-d5	8.67	63	201555	93.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.29%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	307696	48.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.86%
64) 1,2-Dichlorobenzene-d4	12.22	152	176481	49.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

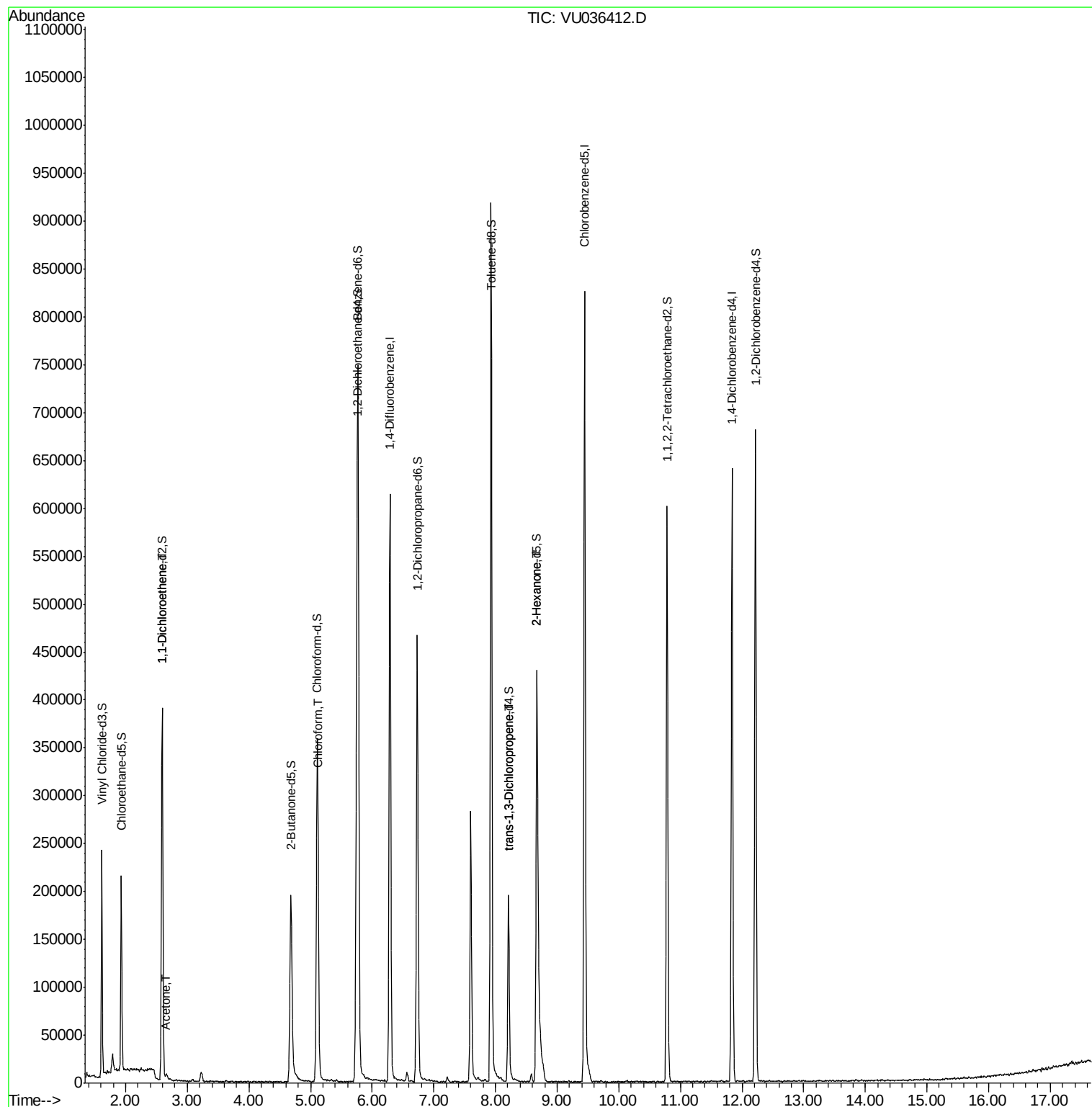
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	2208	0.782	ug/L #	1
13) Acetone	2.67	43	5802	1.975	ug/L	87
25) Chloroform	5.13	83	9279	1.425	ug/L	92
44) trans-1,3-Dichloropropene	8.21	75	5686	1.022	ug/L #	80
48) 2-Hexanone	8.67	43	22995	4.928	ug/L #	63

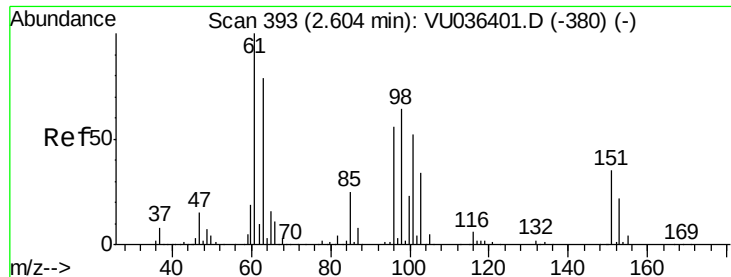
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Thu Jan 09 03:50:28 2020
Response via : Initial Calibration

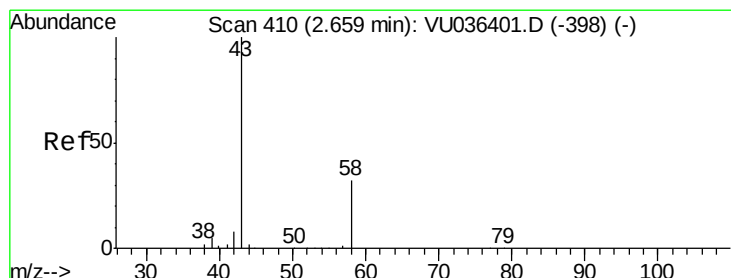
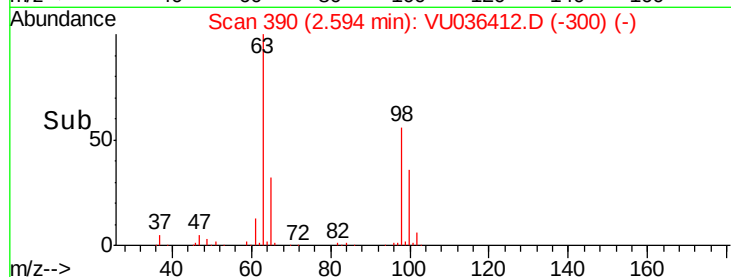
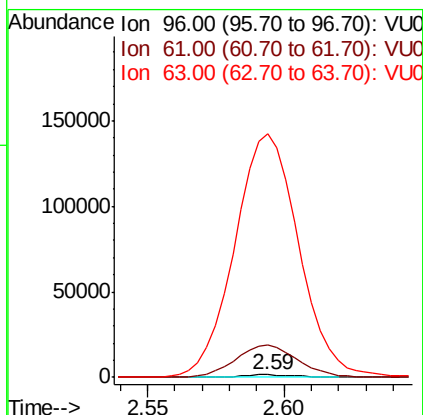
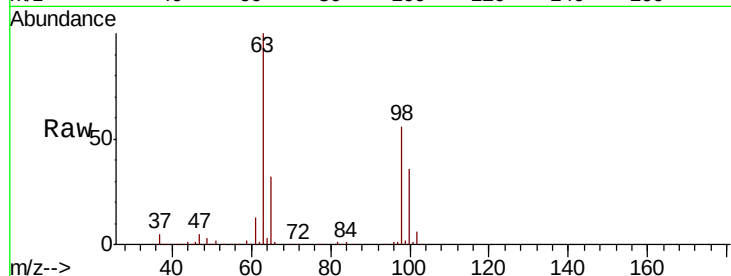




#12
 1,1-Dichloroethene
 Concen: 0.782 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU036412.D
 Acq: 08 Jan 2020 17:35

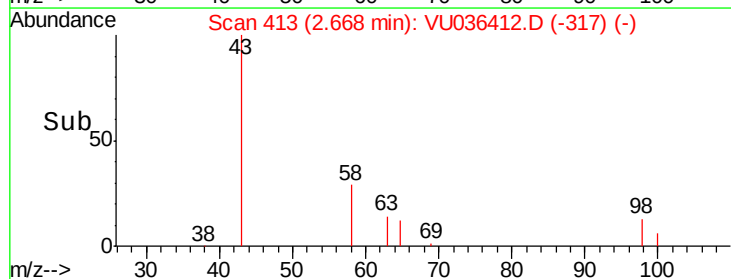
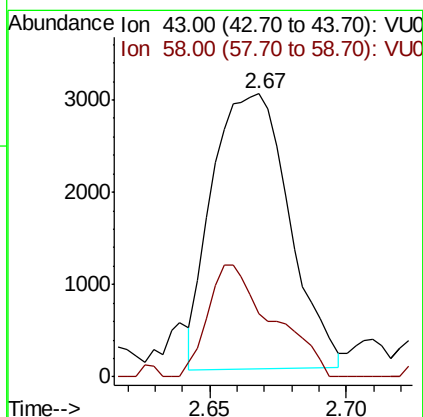
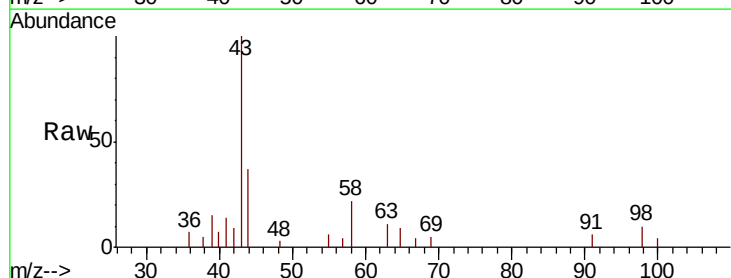
Instrument :
 MSVOA_U
 ClientSampleId :

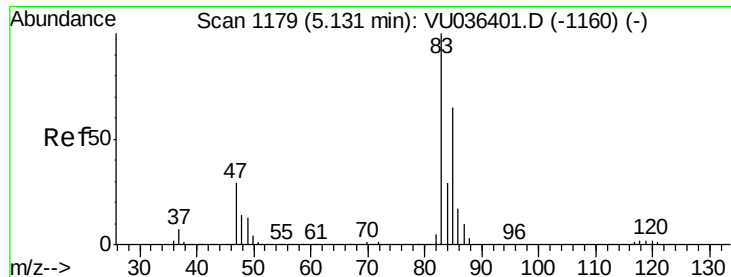
Tot Ion: 96 Resp: 2208
 Ion Ratio Lower Upper
 96 100
 61 1214.8 120.9 224.5#
 63 9260.6 81.8 152.0#



#13
 Acetone
 Concen: 1.975 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: VU036412.D
 Acq: 08 Jan 2020 17:35

Tgt Ion: 43 Resp: 5802
 Ion Ratio Lower Upper
 43 100
 58 25.8 0.0 66.2

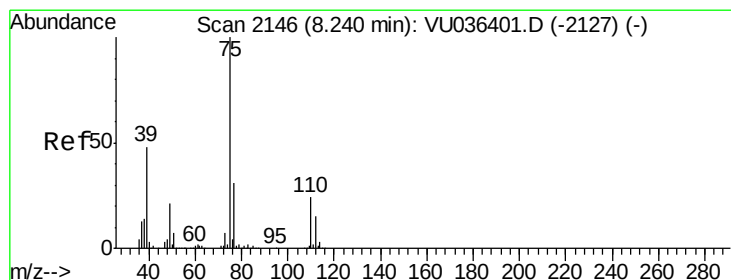
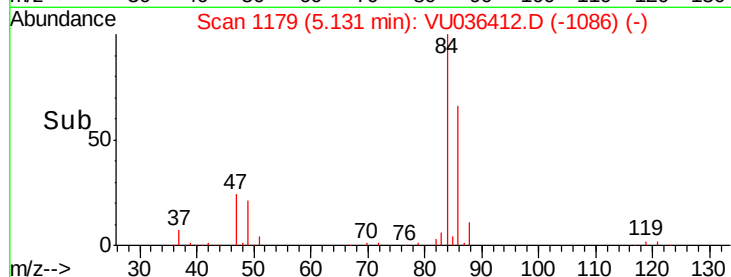
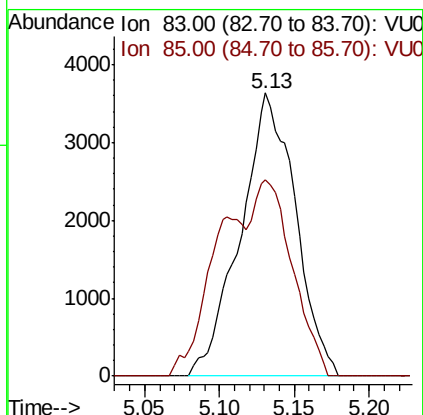
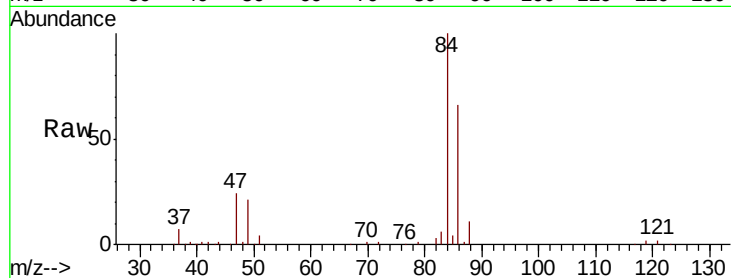




#25
Chloroform
Concen: 1.425 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036412.D
Acq: 08 Jan 2020 17:35

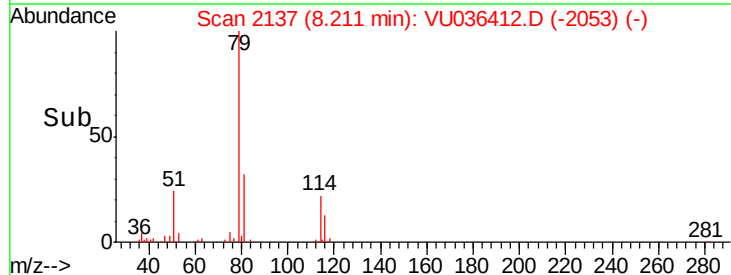
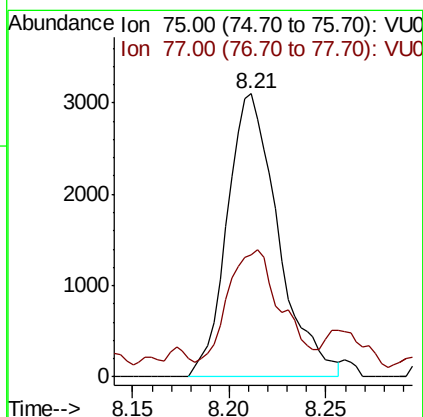
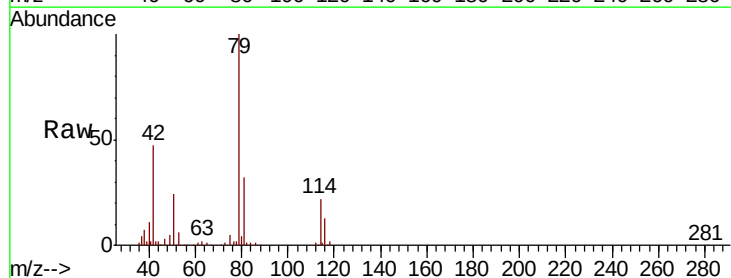
Instrument :
MSVOA_U
ClientSampleId :

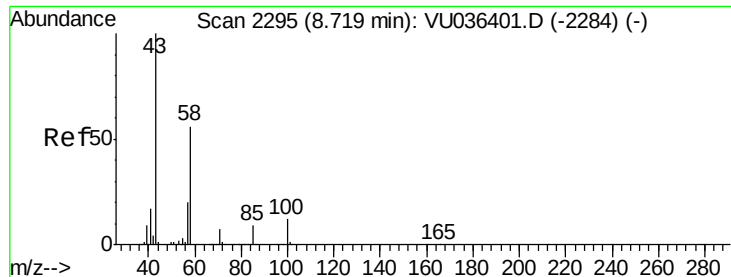
Tot Ion: 83 Resp: 9279
Ion Ratio Lower Upper
83 100
85 69.2 43.9 81.5



#44
trans-1,3-Dichloropropene
Concen: 1.022 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU036412.D
Acq: 08 Jan 2020 17:35

Tgt Ion: 75 Resp: 5686
Ion Ratio Lower Upper
75 100
77 43.3 22.5 41.9#





#48

2-Hexanone

Concen: 4.928 ug/L

RT: 8.67 min Scan# 2279

Delta R.T. -0.05 min

Lab File: VU036412.D

Acq: 08 Jan 2020 17:35

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 22995

Ion Ratio Lower Upper

43 100

58 16.9 42.2 63.4#

57 18.7 14.8 22.2

100 0.0 8.8 13.2#

