

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010820\
 Data File : VU036405.D
 Acq On : 08 Jan 2020 14:03
 Operator : JC/MD
 Sample : L1042-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 03:52:58 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	412246	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	389614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	144775	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147029	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.54%
7) Chloroethane-d5	1.93	69	137122	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.59	63	226509	41.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.78%
21) 2-Butanone-d5	4.68	46	268224	112.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.13%
24) Chloroform-d	5.11	84	310968	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.92%
26) 1,2-Dichloroethane-d4	5.75	65	220344	59.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.54%
32) Benzene-d6	5.77	84	641746	59.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.32%
36) 1,2-Dichloropropane-d6	6.73	67	206986	56.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.80%
41) Toluene-d8	7.93	98	589982	56.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.32%
43) trans-1,3-Dichloropropene-	8.21	79	109174	55.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.62%
47) 2-Hexanone-d5	8.67	63	206470	110.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.05%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	305888	55.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.88%
64) 1,2-Dichlorobenzene-d4	12.22	152	175073	57.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.30%

Target Compounds

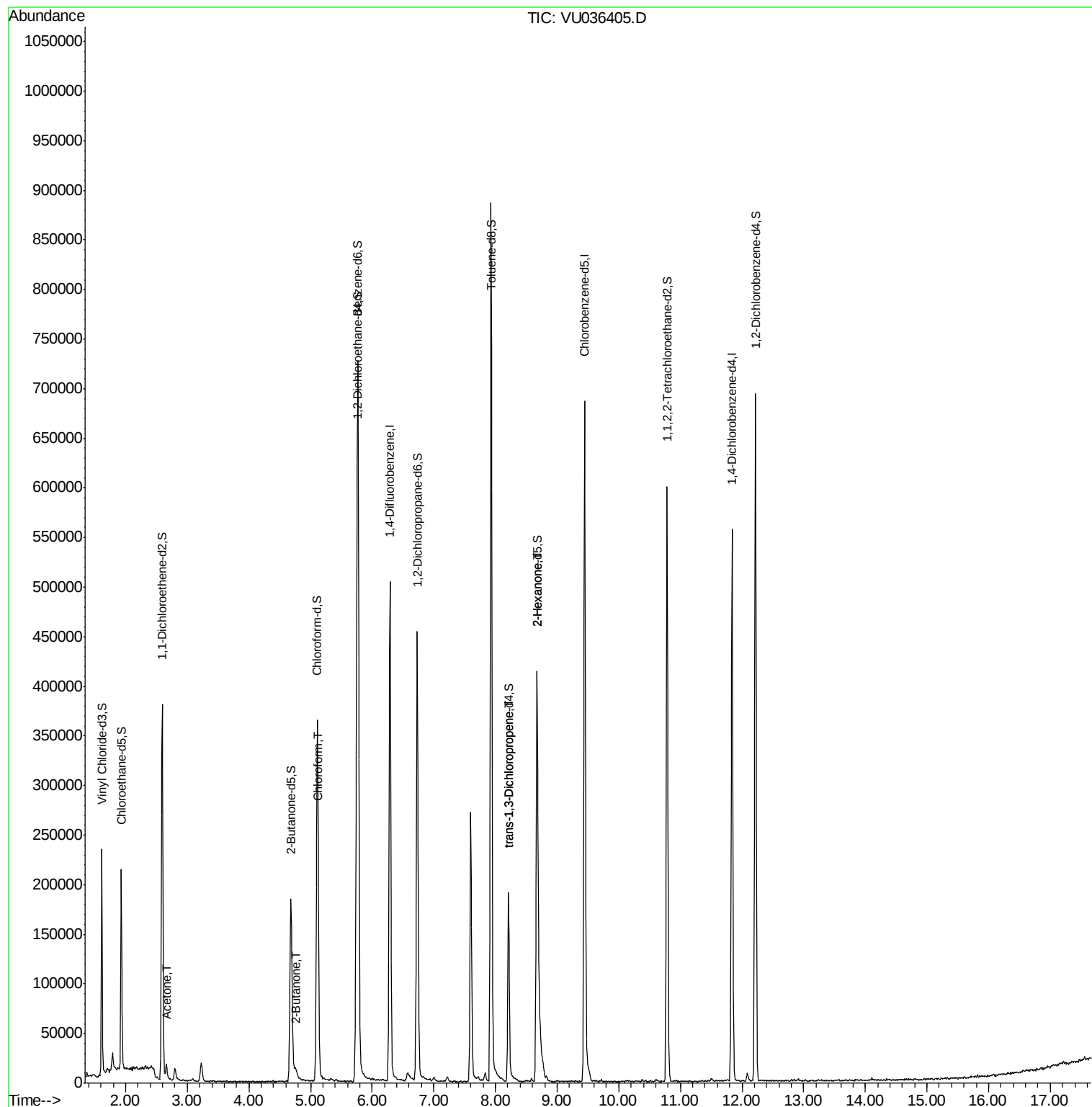
					Ovalue
13) Acetone	2.66	43	14578	5.876 ug/L	100
22) 2-Butanone	4.76	43	8730	2.978 ug/L	90
25) Chloroform	5.13	83	7844	1.426 ug/L	85
44) trans-1,3-Dichloropropene	8.21	75	6206	1.284 ug/L #	81
48) 2-Hexanone	8.67	43	22404	5.529 ug/L #	66

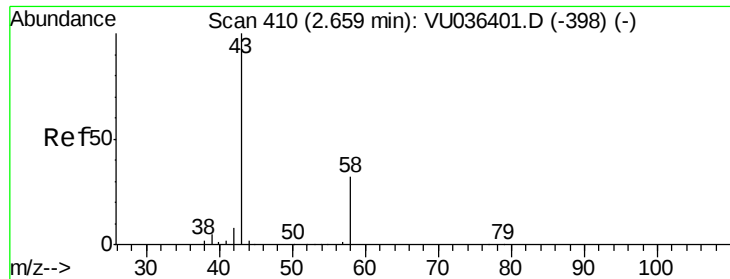
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.876 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU036405.D

Acq: 08 Jan 2020 14:03

Instrument :

MSVOA_U

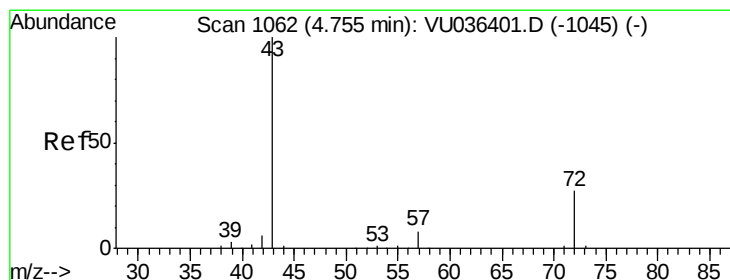
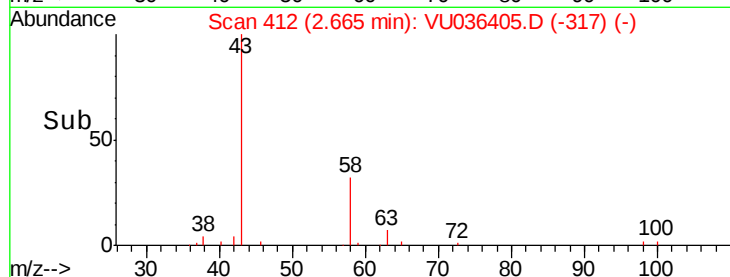
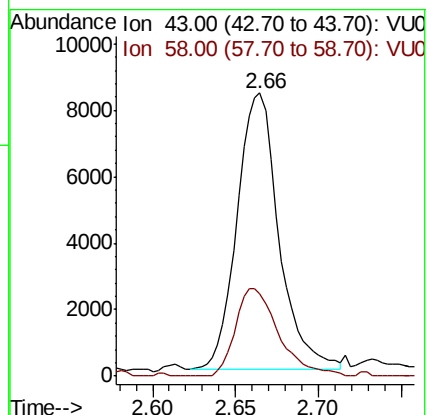
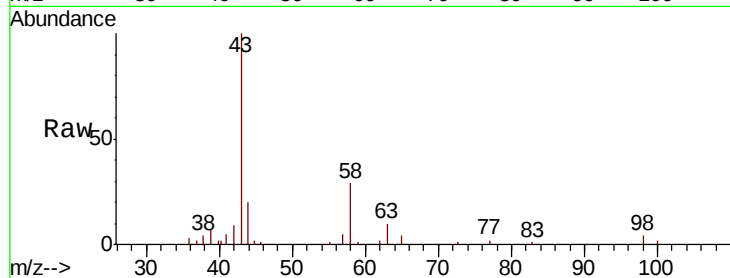
ClientSampleId :

Tot Ion: 43 Resp: 14578

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.2



#22

2-Butanone

Concen: 2.978 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VU036405.D

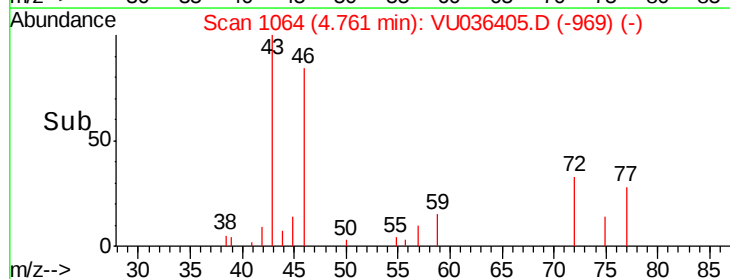
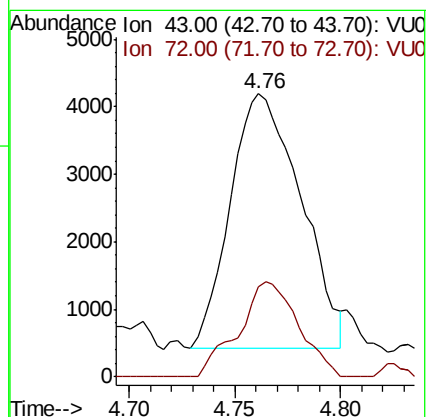
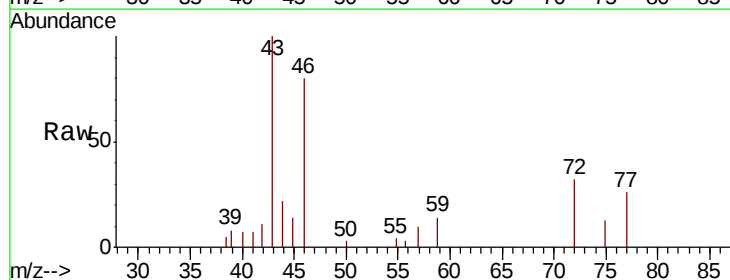
Acq: 08 Jan 2020 14:03

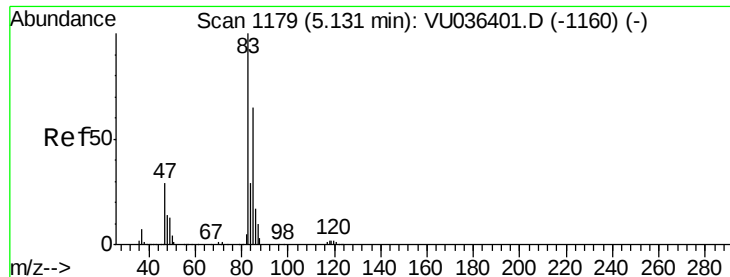
Tgt Ion: 43 Resp: 8730

Ion Ratio Lower Upper

43 100

72 31.9 13.4 40.1

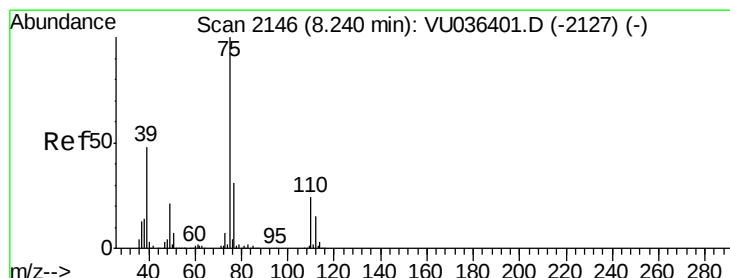
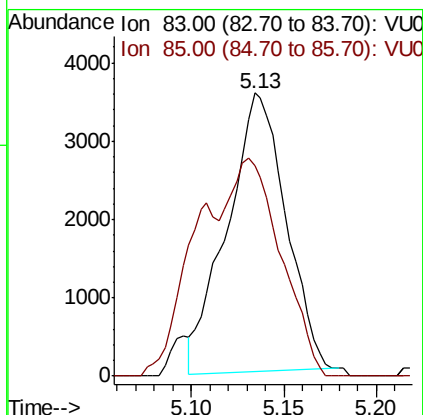
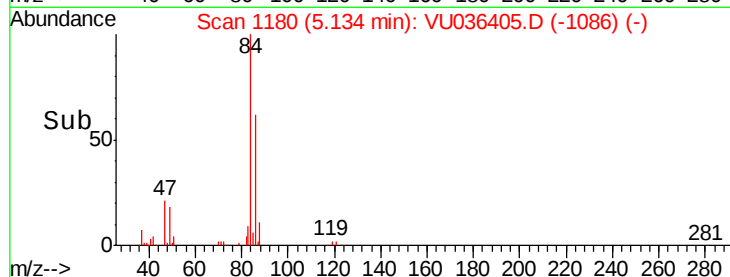
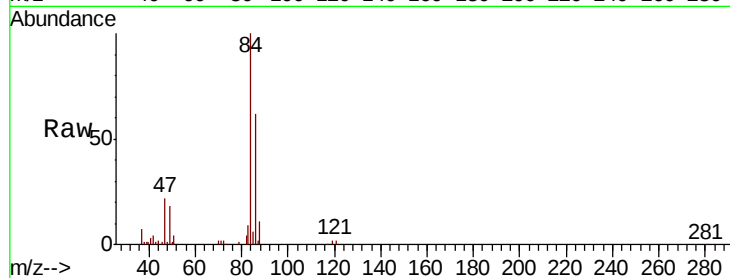




#25
Chloroform
Concen: 1.426 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036405.D
Acq: 08 Jan 2020 14:03

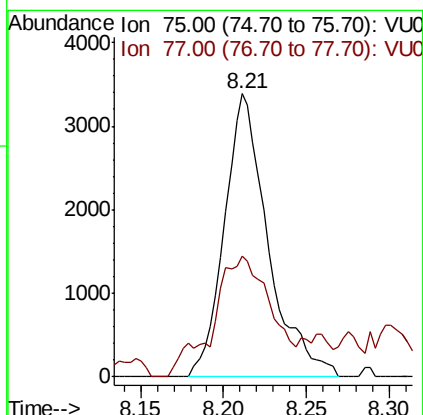
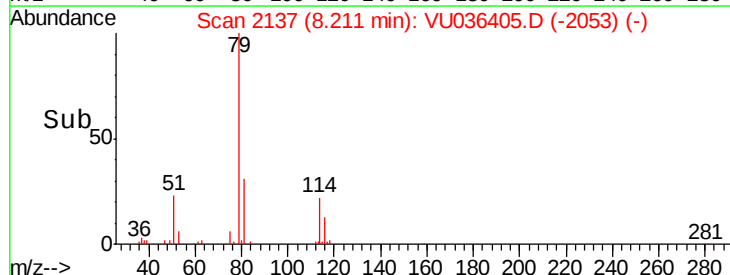
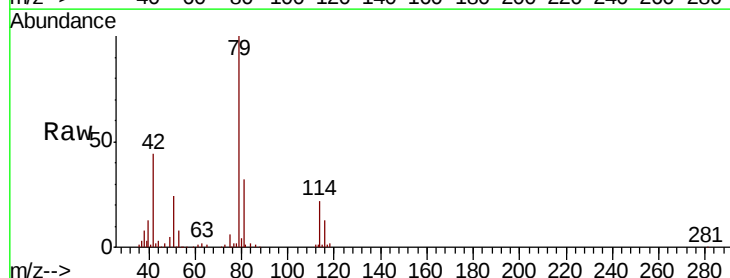
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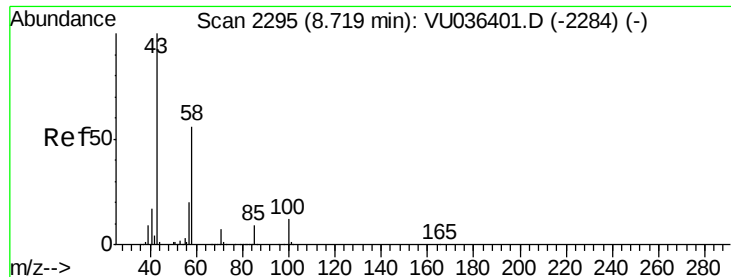
Tot Ion: 83 Resp: 7844
Ion Ratio Lower Upper
83 100
85 74.6 43.9 81.5



#44
trans-1,3-Dichloropropene
Concen: 1.284 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU036405.D
Acq: 08 Jan 2020 14:03

Tgt Ion: 75 Resp: 6206
Ion Ratio Lower Upper
75 100
77 42.8 22.5 41.9#





#48

2-Hexanone

Concen: 5.529 ug/L

RT: 8.67 min Scan# 2281

Delta R.T. -0.05 min

Lab File: VU036405.D

Acq: 08 Jan 2020 14:03

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 22404

Ion Ratio Lower Upper

43 100

58 21.6 42.2 63.4#

57 21.9 14.8 22.2

100 0.0 8.8 13.2#

