

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010820\
 Data File : VU036406.D
 Acq On : 08 Jan 2020 14:40
 Operator : JC/MD
 Sample : L1042-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 03:53:04 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	496803	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	468028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	180706	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	164175	42.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.82%
7) Chloroethane-d5	1.93	69	145640	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.59	63	253061	38.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.74%
21) 2-Butanone-d5	4.68	46	290455	100.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.76%
24) Chloroform-d	5.11	84	352584	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
26) 1,2-Dichloroethane-d4	5.74	65	241334	53.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.74%
32) Benzene-d6	5.77	84	703859	54.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.04%
36) 1,2-Dichloropropane-d6	6.73	67	230637	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.56%
41) Toluene-d8	7.93	98	659439	52.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.44%
43) trans-1,3-Dichloropropene-	8.21	79	119957	50.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.18%
47) 2-Hexanone-d5	8.67	63	215960	95.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.82%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	329530	49.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.44%
64) 1,2-Dichlorobenzene-d4	12.22	152	192504	50.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.58%

Target Compounds

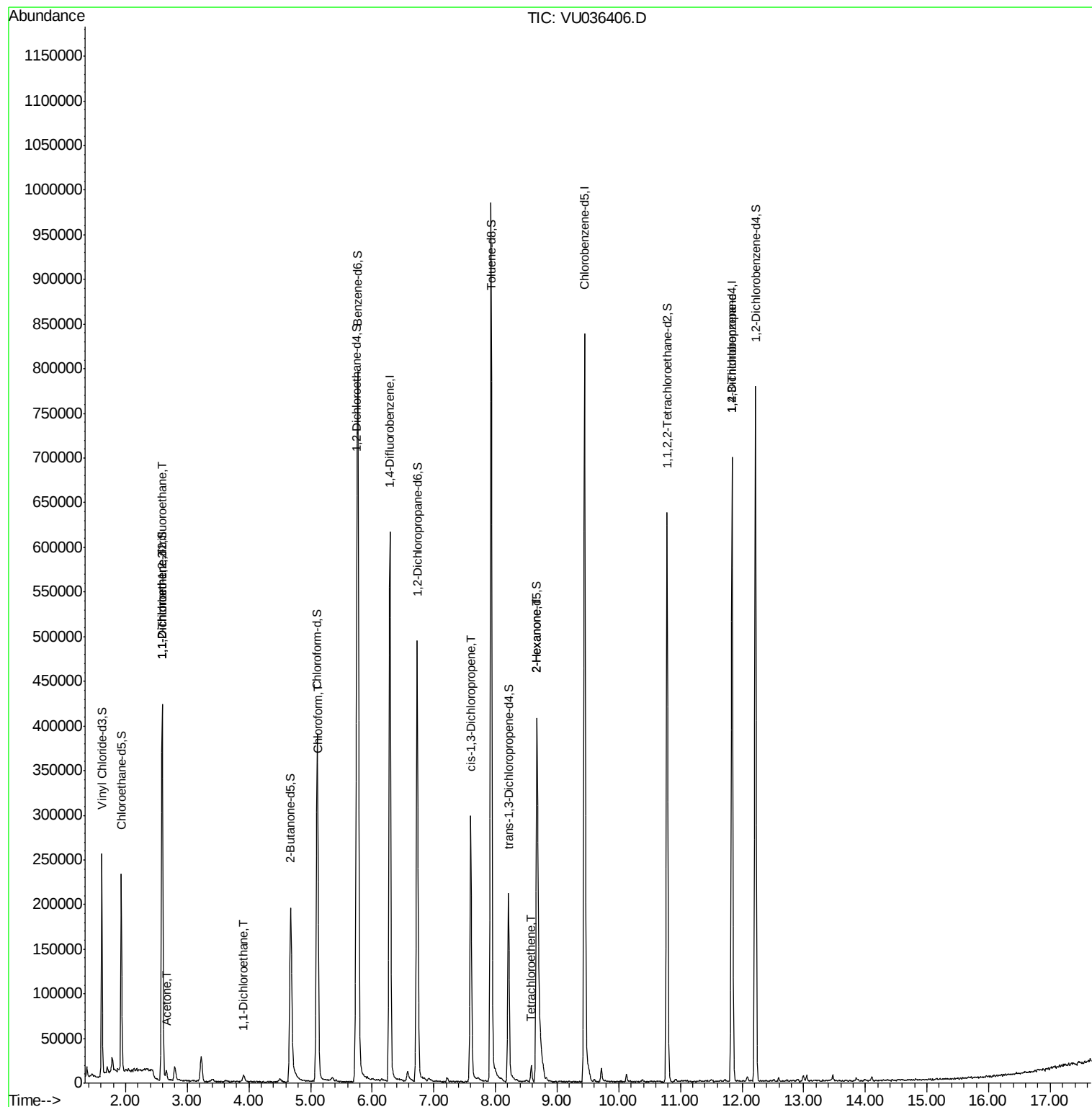
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2528	0.867 ug/L #	24
12) 1,1-Dichloroethene	2.60	96	2930	1.019 ug/L #	1
13) Acetone	2.66	43	9707	3.246 ug/L	94
19) 1,1-Dichloroethane	3.91	63	8818	1.417 ug/L	95
25) Chloroform	5.13	83	5515	0.832 ug/L #	74
39) cis-1,3-Dichloropropene	7.60	75	9154	1.469 ug/L #	65
46) Tetrachloroethene	8.58	164	3795	1.488 ug/L	97
48) 2-Hexanone	8.67	43	22543	4.631 ug/L #	62
59) 1,2,3-Trichloropropane	11.84	75	26053	4.988 ug/L	91

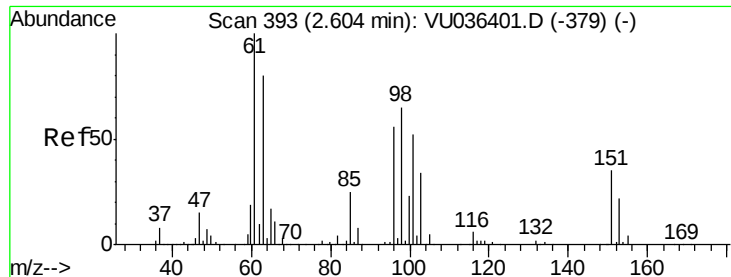
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 09 03:50:28 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.867 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036406.D

Acq: 08 Jan 2020 14:40

Instrument :

MSVOA_U

ClientSampleId :

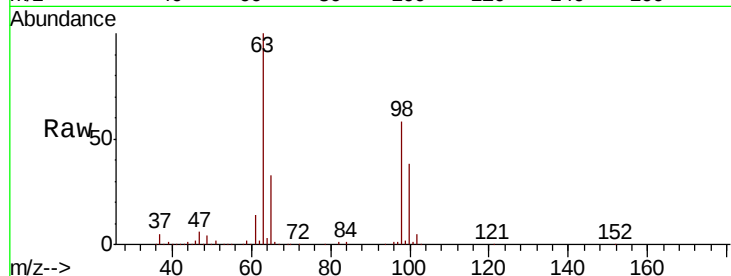
Tot Ion:101 Resp: 2528

Ion Ratio Lower Upper

101 100

85 4.0 37.1 55.7#

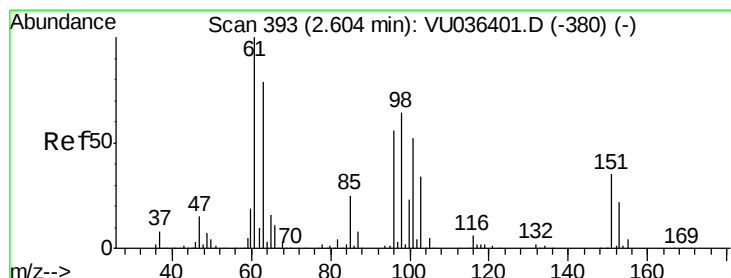
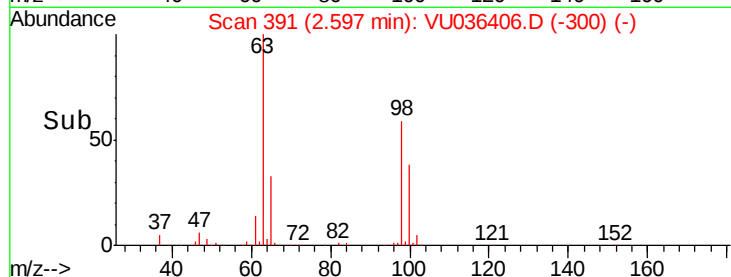
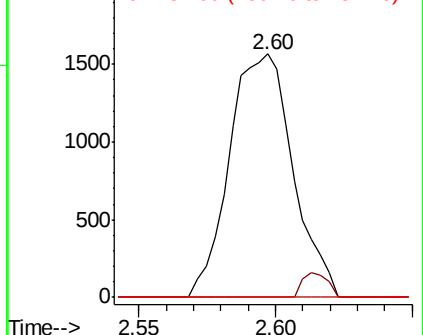
151 0.0 54.3 81.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.019 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU036406.D

Acq: 08 Jan 2020 14:40

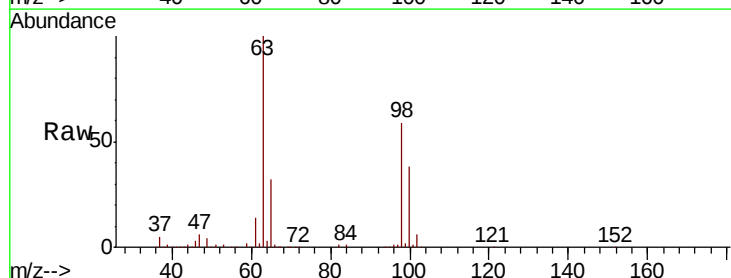
Tgt Ion: 96 Resp: 2930

Ion Ratio Lower Upper

96 100

61 979.0 120.9 224.5#

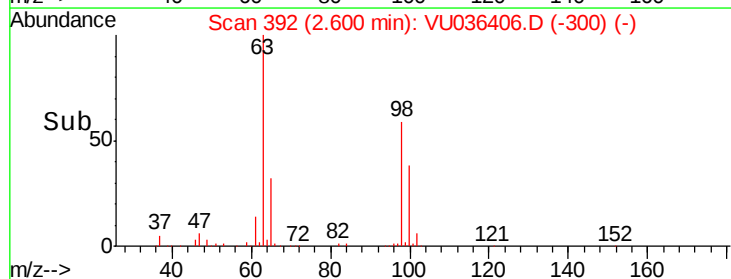
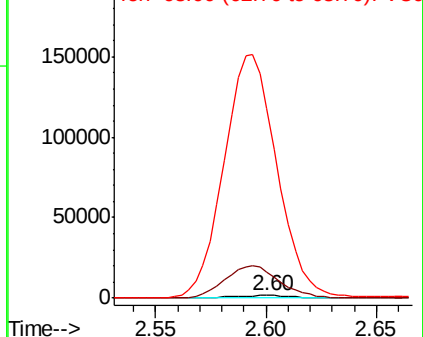
63 7014.8 81.8 152.0#

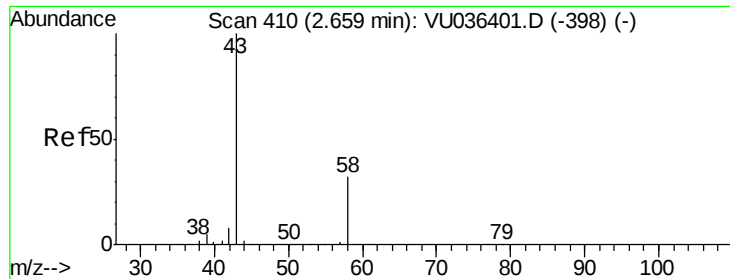


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.246 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036406.D

Acq: 08 Jan 2020 14:40

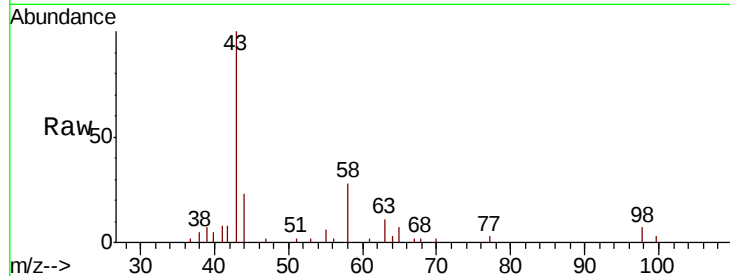
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 9707

Ion Ratio Lower Upper

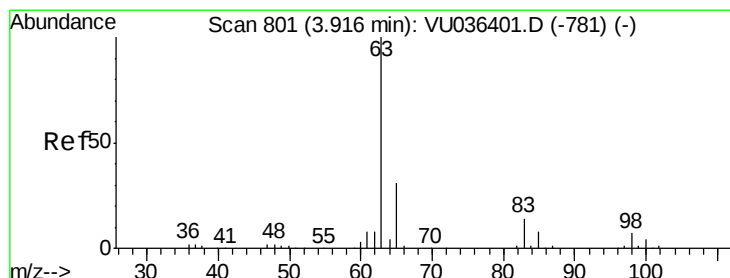
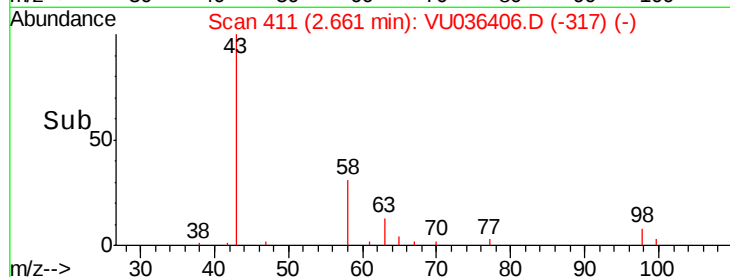
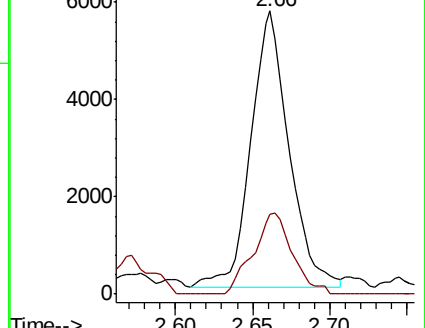
43 100

58 29.5 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036406.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036406.D (-317) (-)



#19

1,1-Dichloroethane

Concen: 1.417 ug/L

RT: 3.91 min Scan# 800

Delta R.T. -0.00 min

Lab File: VU036406.D

Acq: 08 Jan 2020 14:40

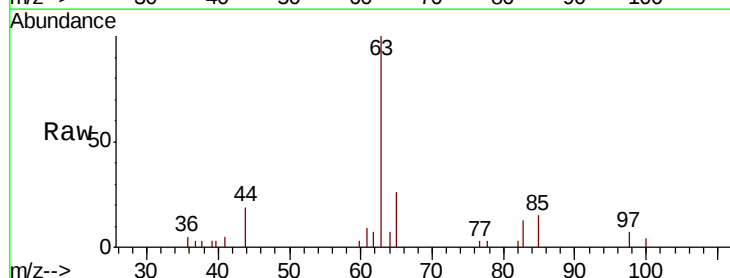
Tgt Ion: 63 Resp: 8818

Ion Ratio Lower Upper

63 100

65 25.6 20.0 37.2

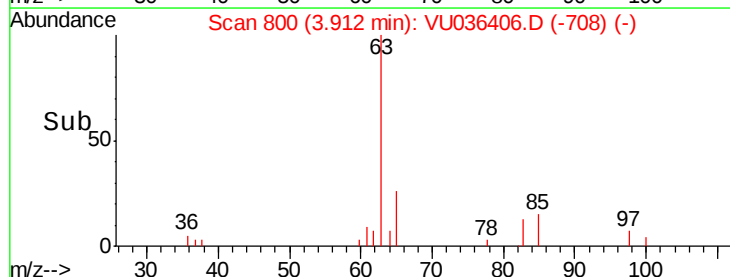
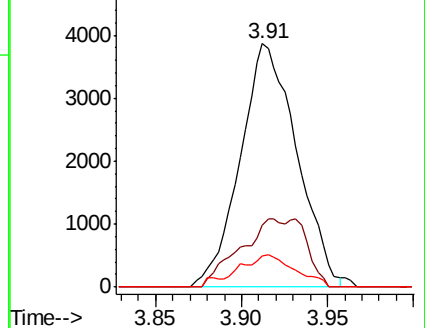
83 12.7 9.6 17.8

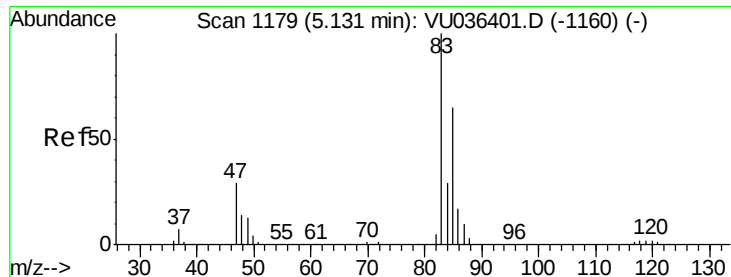


Abundance Ion 63.00 (62.70 to 63.70): VU036406.D (-708) (-)

Ion 65.00 (64.70 to 65.70): VU036406.D (-708) (-)

Ion 83.00 (82.70 to 83.70): VU036406.D (-708) (-)

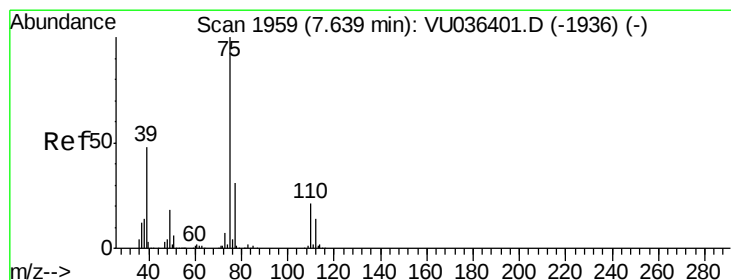
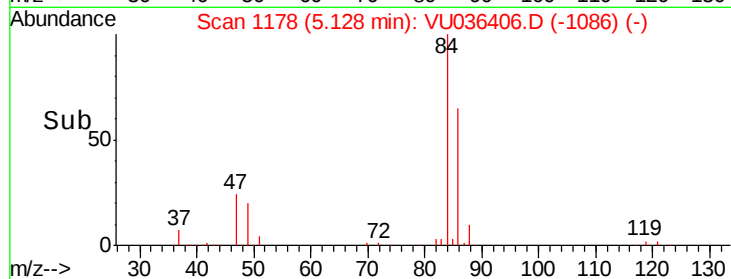
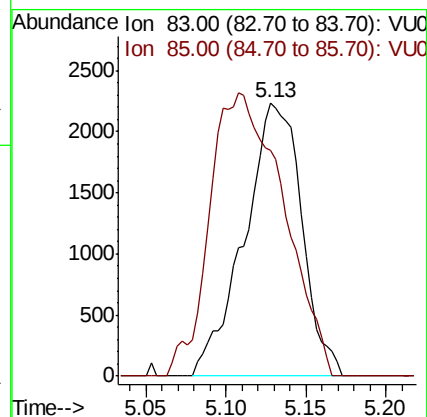
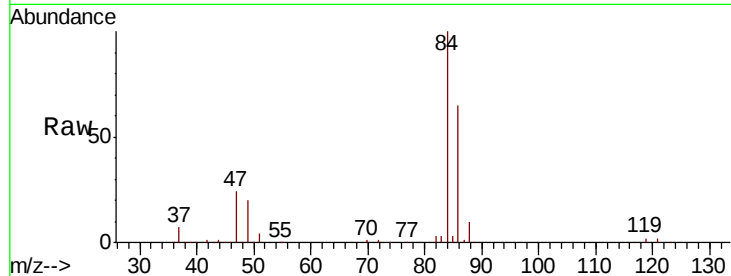




#25
Chloroform
Concen: 0.832 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU036406.D
Acq: 08 Jan 2020 14:40

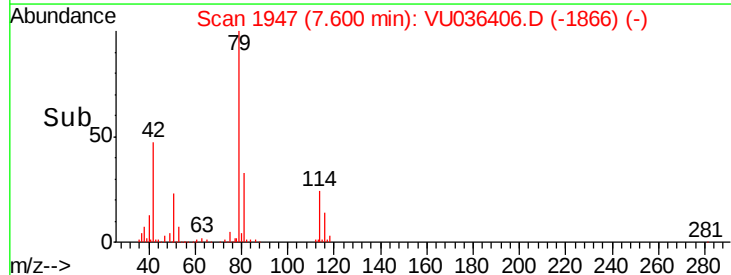
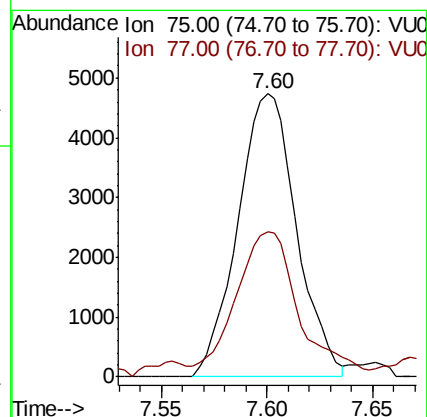
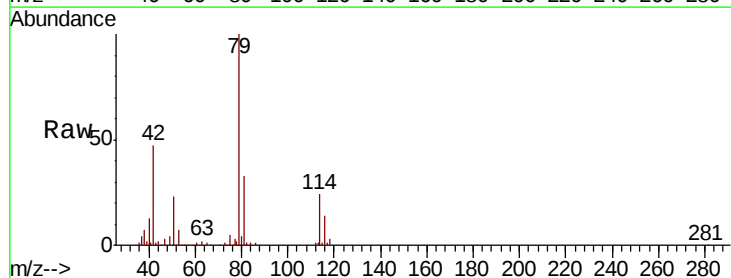
Instrument :
MSVOA_U
ClientSampled :

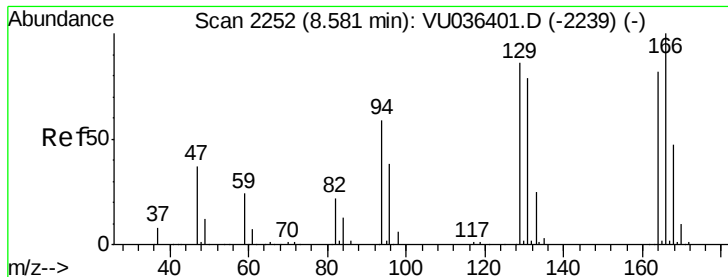
Tot Ion: 83 Resp: 5515
Ion Ratio Lower Upper
83 100
85 82.5 43.9 81.5#



#39
cis-1,3-Dichloropropene
Concen: 1.469 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036406.D
Acq: 08 Jan 2020 14:40

Tgt Ion: 75 Resp: 9154
Ion Ratio Lower Upper
75 100
77 51.3 22.2 41.2#





#46

Tetrachloroethene

Concen: 1.488 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU036406.D

Acq: 08 Jan 2020 14:40

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 3795

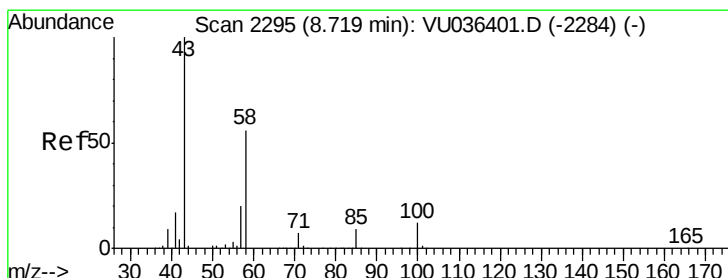
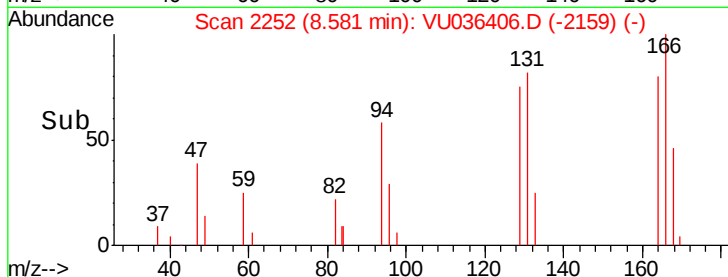
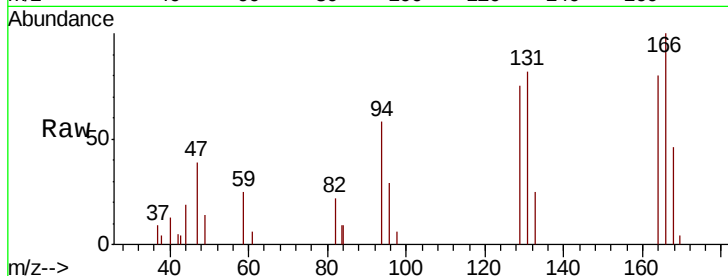
Ion Ratio Lower Upper

164 100

129 93.9 70.0 130.0

131 103.6 70.1 130.1

166 125.7 87.2 161.9



#48

2-Hexanone

Concen: 4.631 ug/L

RT: 8.67 min Scan# 2281

Delta R.T. -0.05 min

Lab File: VU036406.D

Acq: 08 Jan 2020 14:40

Tgt Ion: 43 Resp: 22543

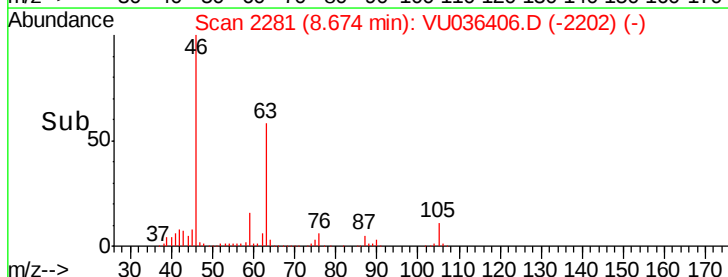
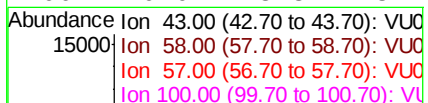
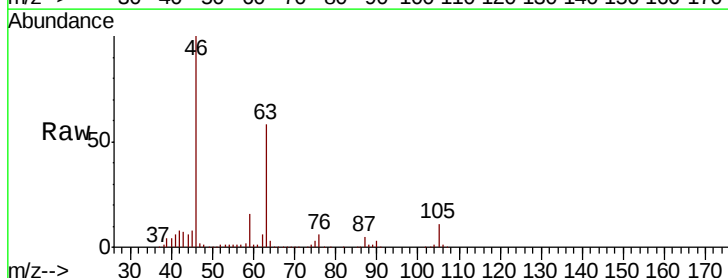
Ion Ratio Lower Upper

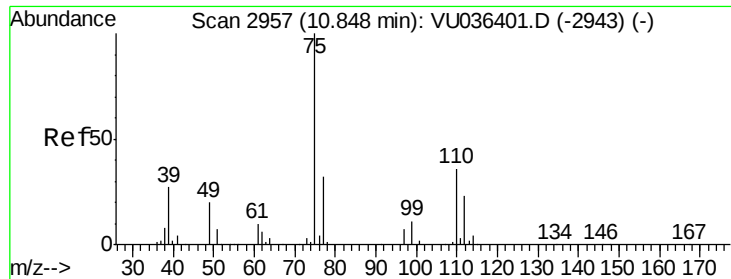
43 100

58 15.2 42.2 63.4#

57 18.5 14.8 22.2

100 0.0 8.8 13.2#





#59

1,2,3-Trichloropropane

Concen: 4.988 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036406.D

Acq: 08 Jan 2020 14:40

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 26053

Ion Ratio Lower Upper

75 100

77 38.2 26.3 39.5

