

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U032720\
 Data File : VU037383.D
 Acq On : 27 Mar 2020 21:00
 Operator : JC/MD
 Sample : L1976-11 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 01:57:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:55:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	259117	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248752	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86362	51.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.92%
7) Chloroethane-d5	1.93	69	67236	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.59	63	131116	36.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.58%
21) 2-Butanone-d5	4.66	46	155408	104.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.03%
24) Chloroform-d	5.11	84	172883	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.42%
26) 1,2-Dichloroethane-d4	5.74	65	119500	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.54%
32) Benzene-d6	5.76	84	352737	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
36) 1,2-Dichloropropane-d6	6.72	67	113799	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.80%
41) Toluene-d8	7.92	98	339850	52.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.58%
43) trans-1,3-Dichloropropene-	8.20	79	63926	50.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.12%
47) 2-Hexanone-d5	8.65	63	125820	98.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	166449	50.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.46%
64) 1,2-Dichlorobenzene-d4	12.21	152	135915	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%

Target Compounds

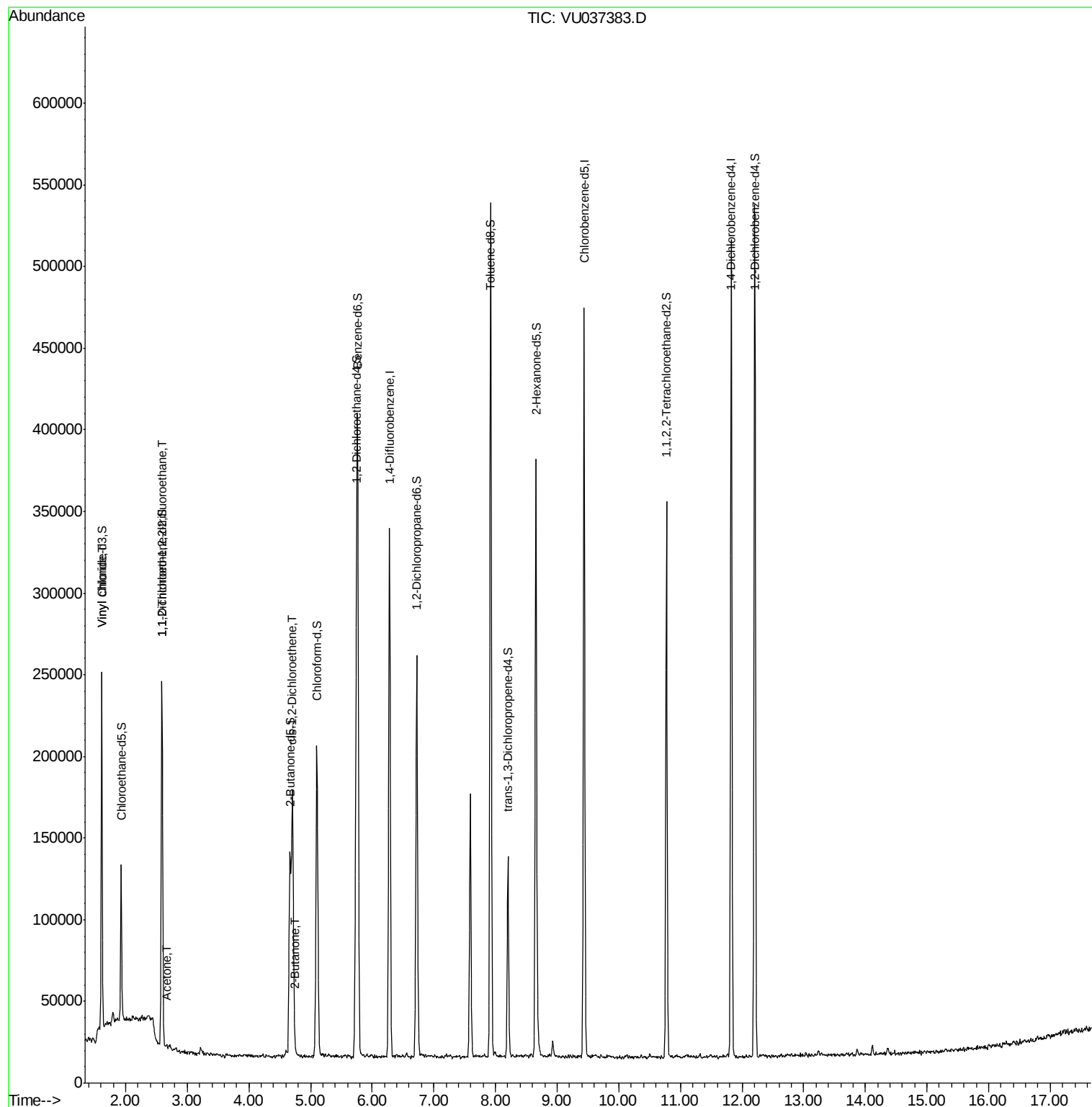
					Ovalue
5) Vinyl chloride	1.62	62	65695	28.637	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1411	0.723	ug/L # 34
13) Acetone	2.66	43	2457	2.089	ug/L 57
20) cis-1,2-Dichloroethene	4.71	96	77997	33.438	ug/L 98
22) 2-Butanone	4.75	43	4421	2.380	ug/L 91

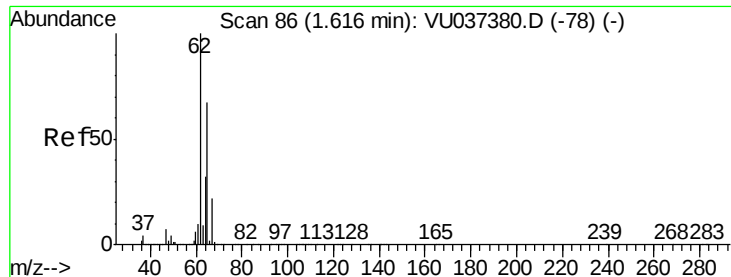
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 28.637 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037383.D

Acq: 27 Mar 2020 21:00

Instrument :

MSVOA_U

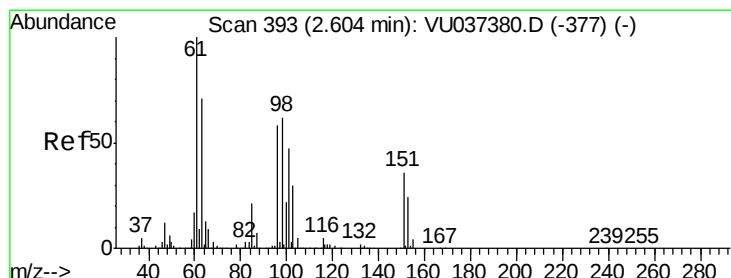
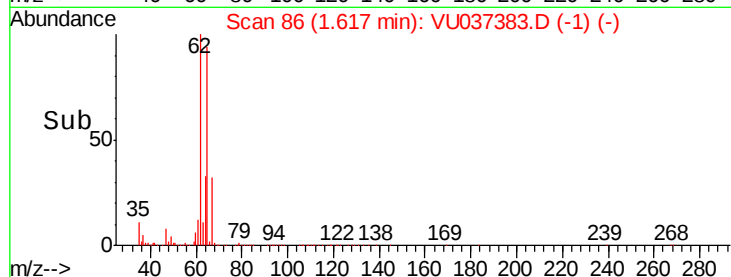
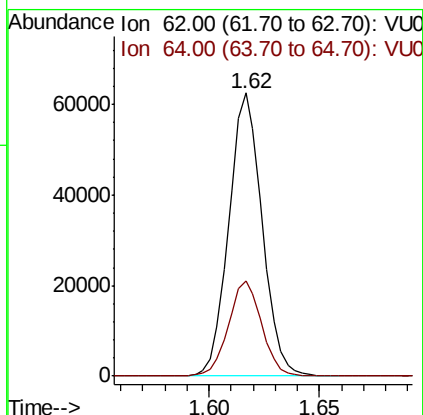
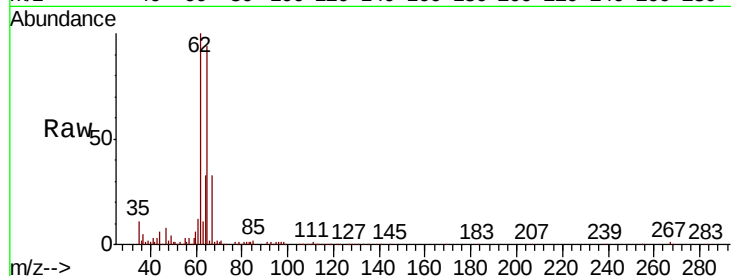
ClientSampleId :

Tot Ion: 62 Resp: 65695

Ion Ratio Lower Upper

62 100

64 33.5 23.0 42.8



#10

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

Concen: 0.723 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU037383.D

Acq: 27 Mar 2020 21:00

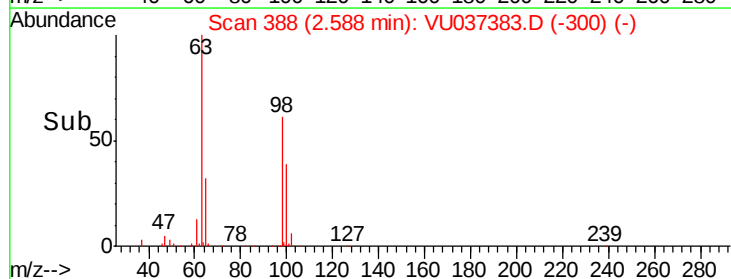
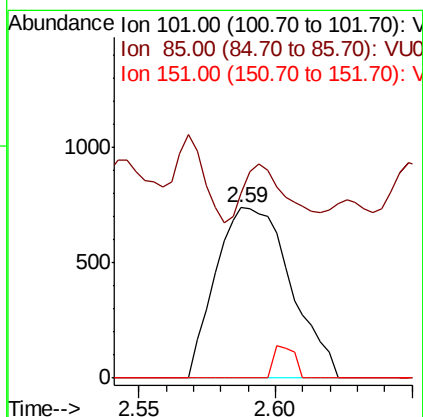
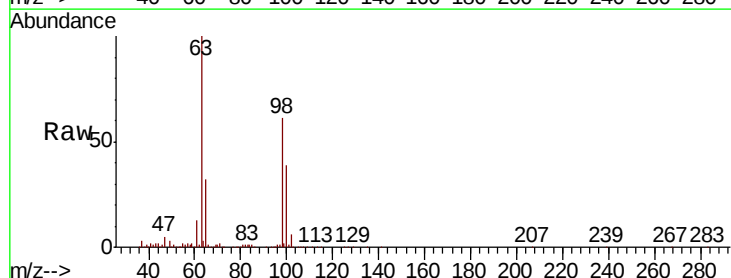
Tgt Ion: 101 Resp: 1411

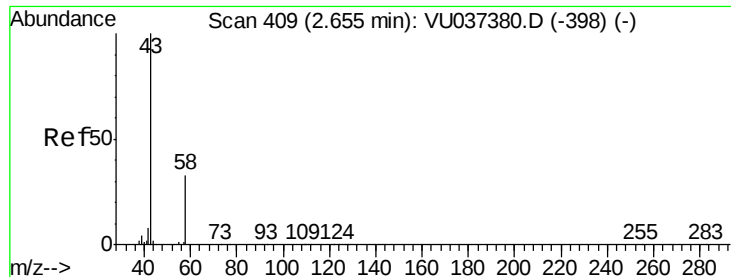
Ion Ratio Lower Upper

101 100

85 19.3 35.6 53.4#

151 5.2 60.2 90.4#





#13

Acetone

Concen: 2.089 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU037383.D

Acq: 27 Mar 2020 21:00

Instrument :

MSVOA_U

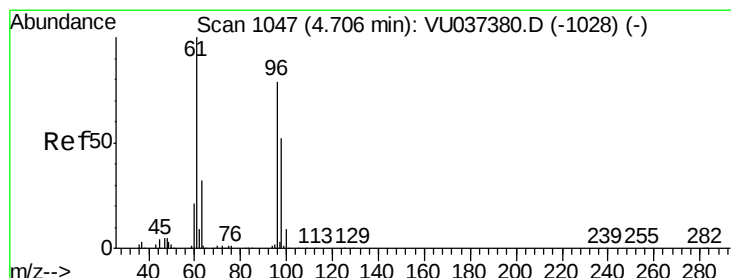
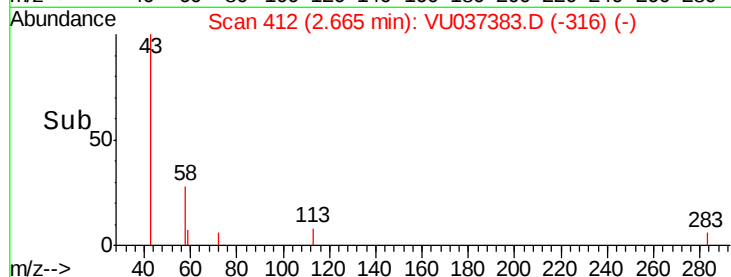
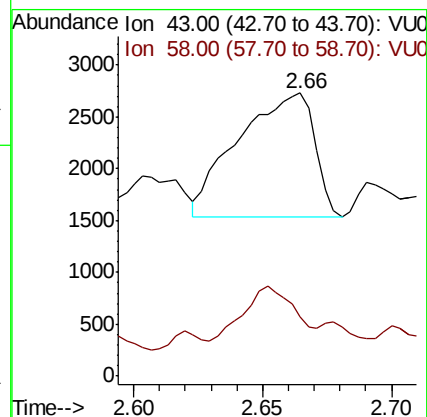
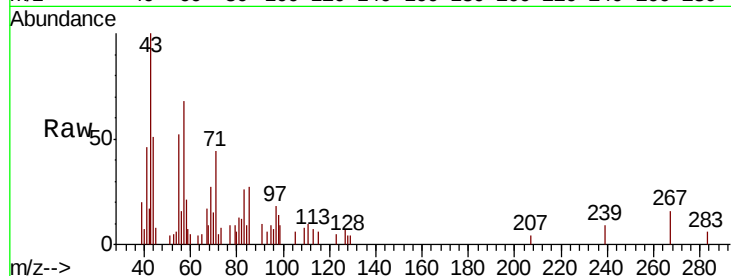
ClientSampleId :

Tot Ion: 43 Resp: 2457

Ion Ratio Lower Upper

43 100

58 7.4 0.0 62.8



#20

cis-1,2-Dichloroethene

Concen: 33.438 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037383.D

Acq: 27 Mar 2020 21:00

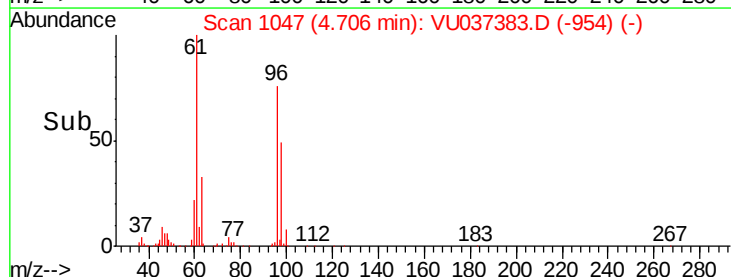
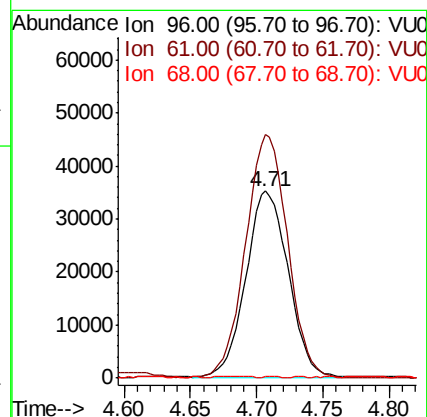
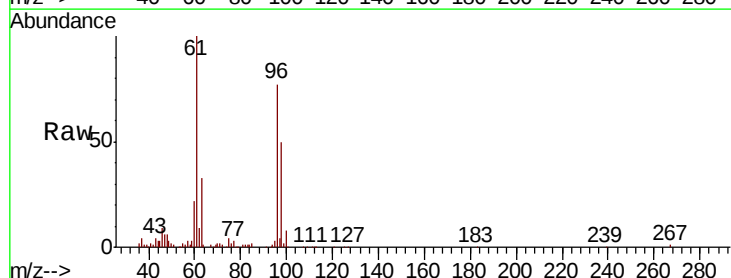
Tgt Ion: 96 Resp: 77997

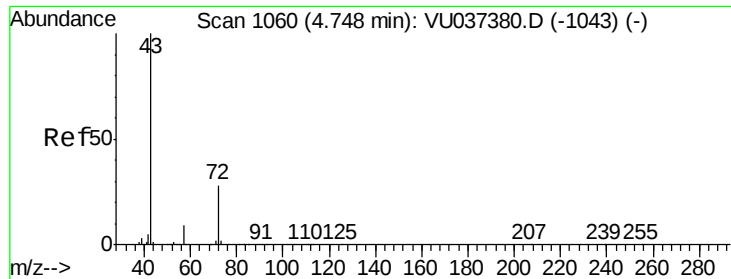
Ion Ratio Lower Upper

96 100

61 130.3 89.4 166.0

68 0.6 0.3 0.7





#22
 2-Butanone
 Concen: 2.380 ug/L
 RT: 4.75 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: VU037383.D
 Acq: 27 Mar 2020 21:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 4421
 Ion Ratio Lower Upper
 43 100
 72 33.1 14.1 42.2

