

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037949.D
 Acq On : 30 Apr 2020 13:10
 Operator : JC/MD
 Sample : VU0430WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 02:19:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 02:16:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	717298	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	700143	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	317187	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	279413	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.58%
7) Chloroethane-d5	1.93	69	234338	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.32%
11) 1,1-Dichloroethene-d2	2.59	63	351852	34.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.18%
21) 2-Butanone-d5	4.66	46	459868	93.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.26%
24) Chloroform-d	5.10	84	434125	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
26) 1,2-Dichloroethane-d4	5.74	65	307430	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
32) Benzene-d6	5.76	84	962118	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
36) 1,2-Dichloropropane-d6	6.72	67	315949	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.36%
41) Toluene-d8	7.92	98	874368	46.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.38%
43) trans-1,3-Dichloropropene-	8.20	79	143418	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.40%
47) 2-Hexanone-d5	8.65	63	298522	100.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	440034	44.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.26%
64) 1,2-Dichlorobenzene-d4	12.20	152	308397	46.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

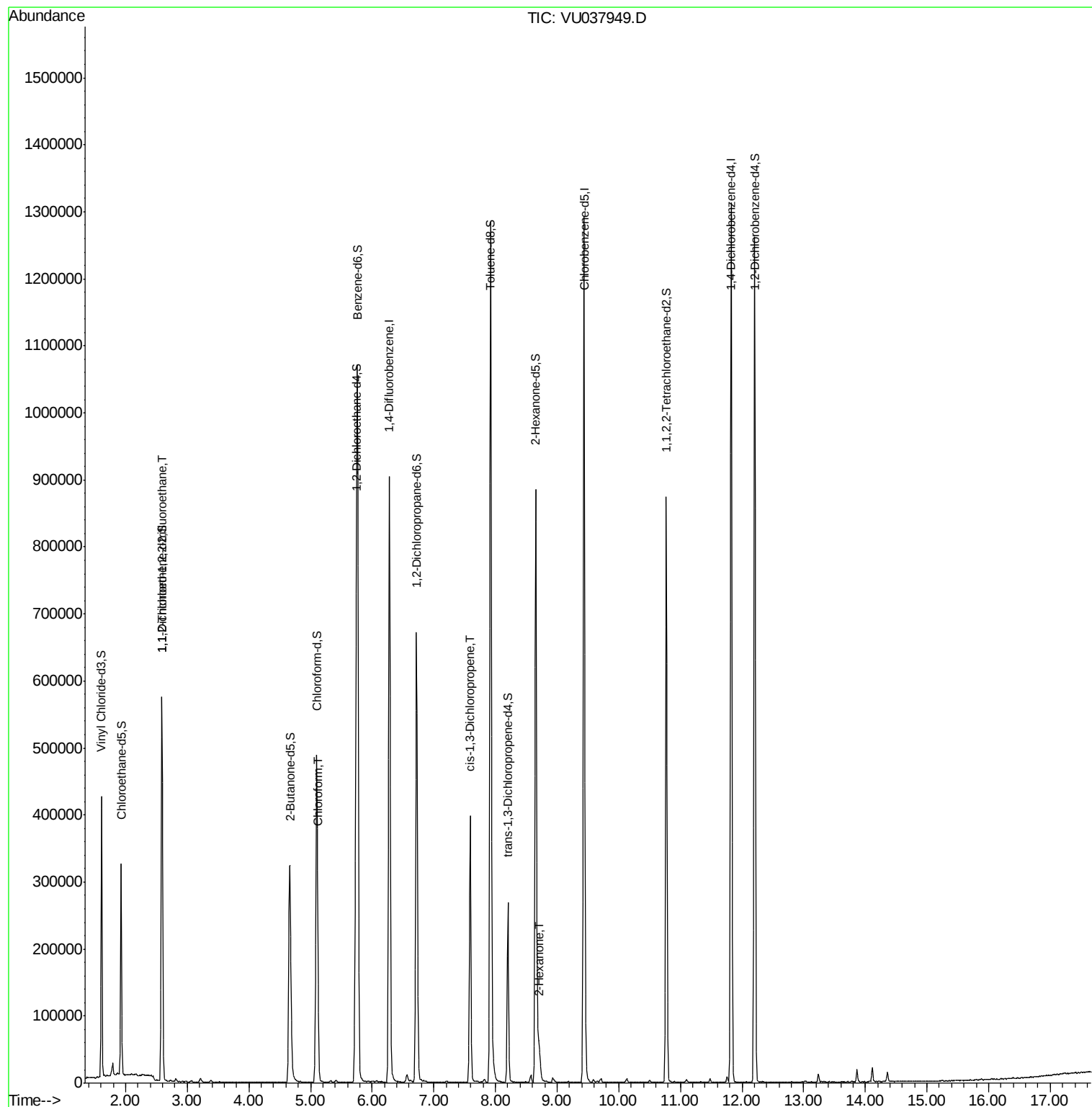
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3632	0.791	ug/L #	34
25) Chloroform	5.12	83	14349	1.479	ug/L	91
39) cis-1,3-Dichloropropene	7.59	75	9544	1.064	ug/L #	63
48) 2-Hexanone	8.71	43	35136	4.497	ug/L	96

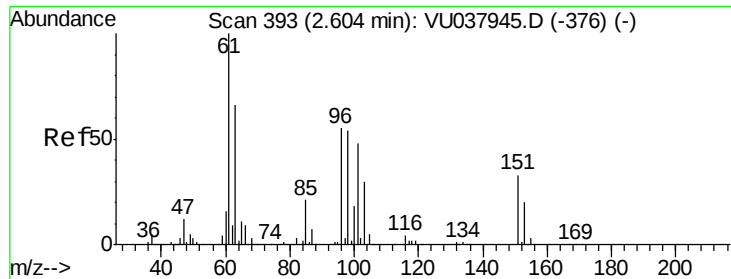
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 01 02:16:47 2020
Response via : Initial Calibration





#10

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

Concen: 0.791 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037949.D

Acq: 30 Apr 2020 13:10

Instrument :

MSVOA_U

ClientSampleId :

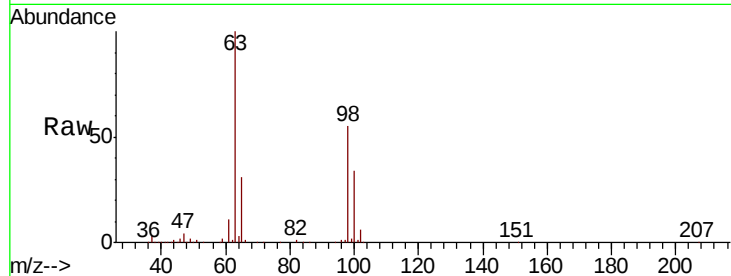
Tot Ion:101 Resp: 3632

Ion Ratio Lower Upper

101 100

85 6.7 34.7 52.1#

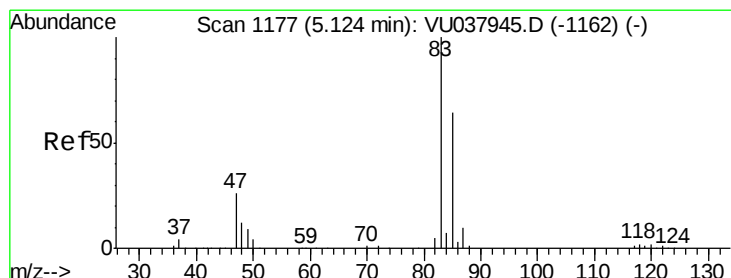
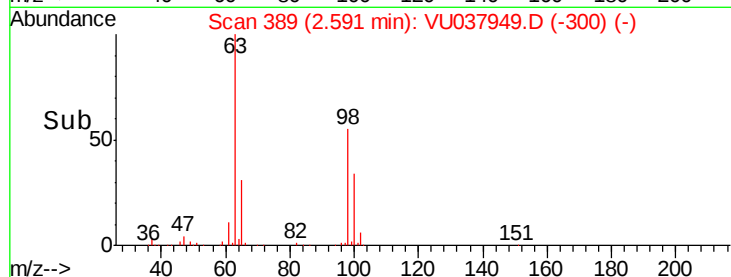
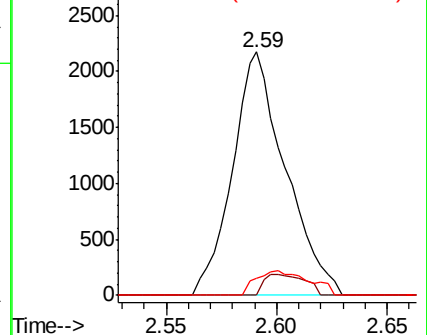
151 8.8 53.4 80.2#



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



#25

Chloroform

Concen: 1.479 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU037949.D

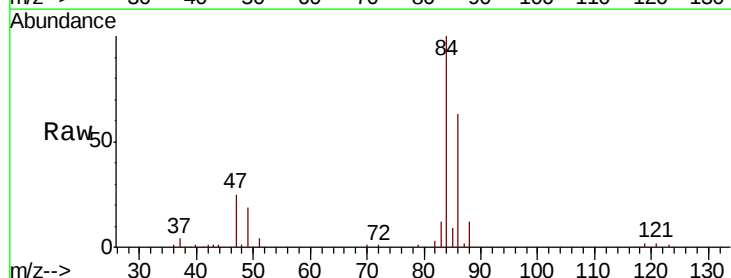
Acq: 30 Apr 2020 13:10

Tgt Ion: 83 Resp: 14349

Ion Ratio Lower Upper

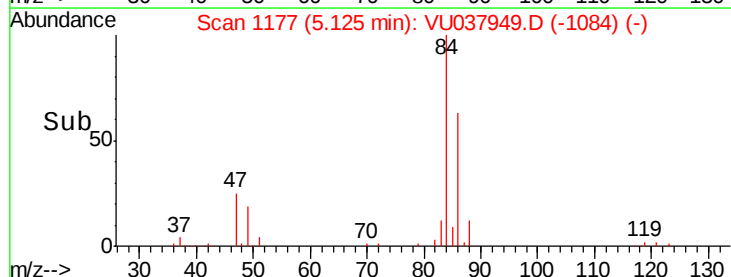
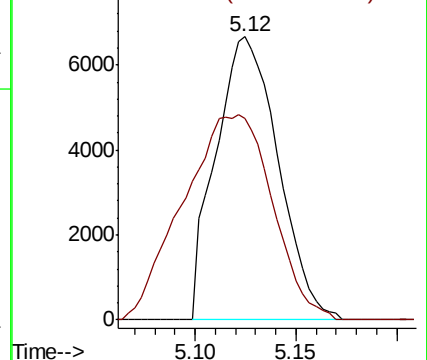
83 100

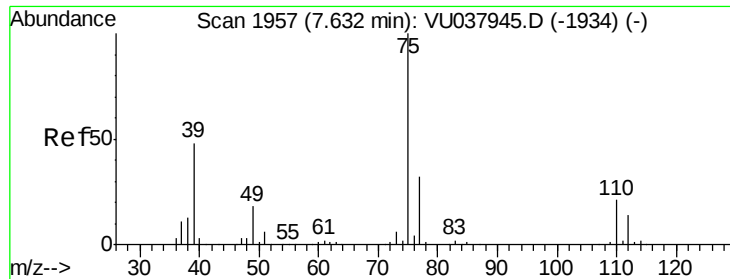
85 71.1 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

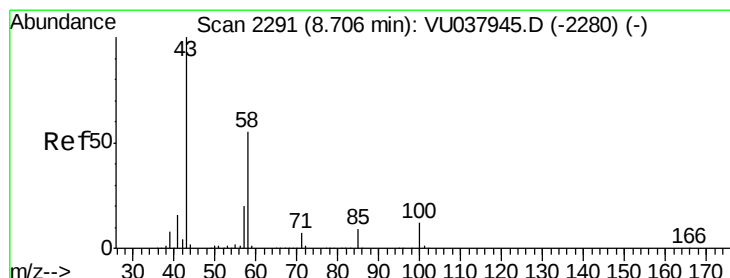
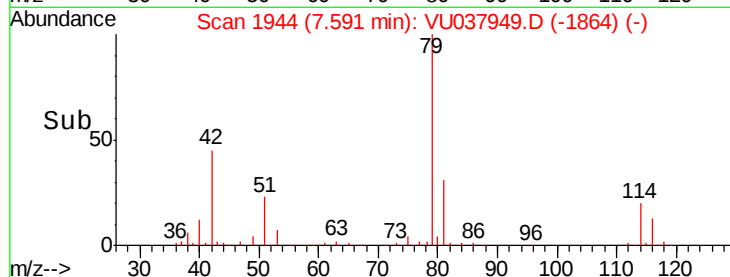
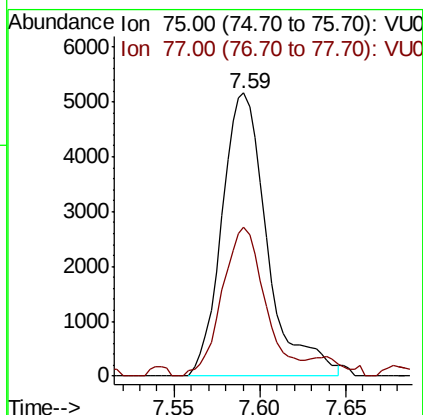
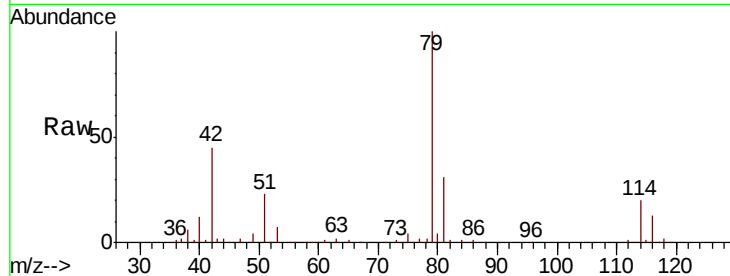




#39
 cis-1,3-Dichloropropene
 Concen: 1.064 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037949.D
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Tot Ion: 75 Resp: 9544
 Ion Ratio Lower Upper
 75 100
 77 52.8 22.6 42.0#



#48
 2-Hexanone
 Concen: 4.497 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU037949.D
 Acq: 30 Apr 2020 13:10

Tgt Ion: 43 Resp: 35136
 Ion Ratio Lower Upper
 43 100
 58 54.7 46.4 69.6
 57 19.7 16.4 24.6
 100 10.0 9.5 14.3

