

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037976.D
 Acq On : 01 May 2020 01:58
 Operator : JC/MD
 Sample : L2410-12DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 06:16:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	703221	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	691548	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	313386	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	279816	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.48%
7) Chloroethane-d5	1.93	69	231818	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.14%
11) 1,1-Dichloroethene-d2	2.59	63	346727	34.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.54%
21) 2-Butanone-d5	4.66	46	441725	91.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.37%
24) Chloroform-d	5.10	84	421929	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.10%
26) 1,2-Dichloroethane-d4	5.74	65	305802	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
32) Benzene-d6	5.76	84	948271	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
36) 1,2-Dichloropropane-d6	6.72	67	310538	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.90%
41) Toluene-d8	7.92	98	857786	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%
43) trans-1,3-Dichloropropene-	8.20	79	137537	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.80%
47) 2-Hexanone-d5	8.65	63	277686	94.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.47%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	425067	43.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.30%
64) 1,2-Dichlorobenzene-d4	12.20	152	297501	45.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.82%

Target Compounds

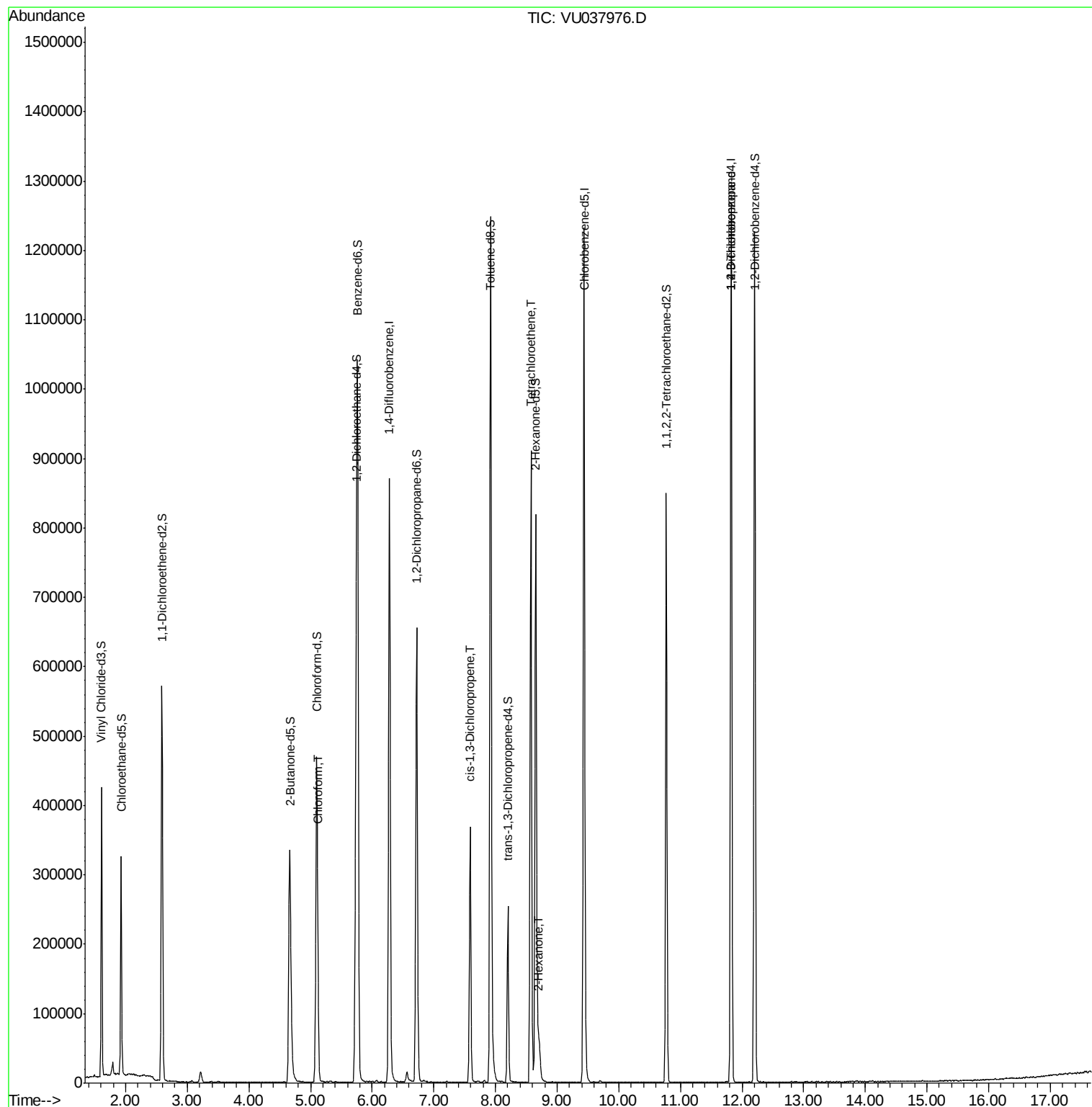
					Ovalue
25) Chloroform	5.12	83	13805	1.452 ug/L	93
39) cis-1,3-Dichloropropene	7.59	75	7995	0.902 ug/L #	67
46) Tetrachloroethene	8.57	164	204181	53.347 ug/L	99
48) 2-Hexanone	8.71	43	41491	5.376 ug/L	94
59) 1,2,3-Trichloropropane	11.82	75	44245	5.521 ug/L	90

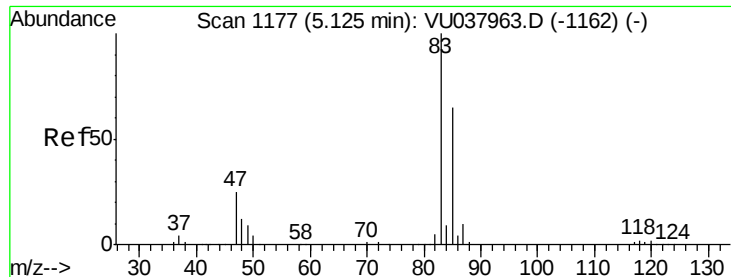
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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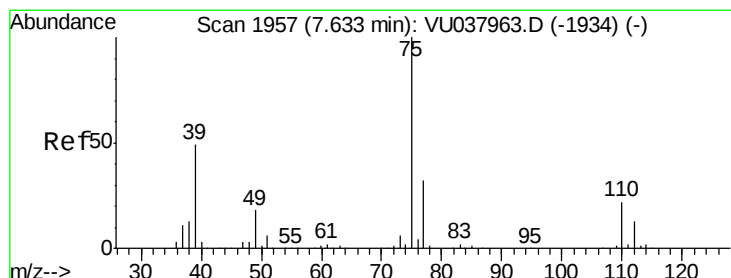
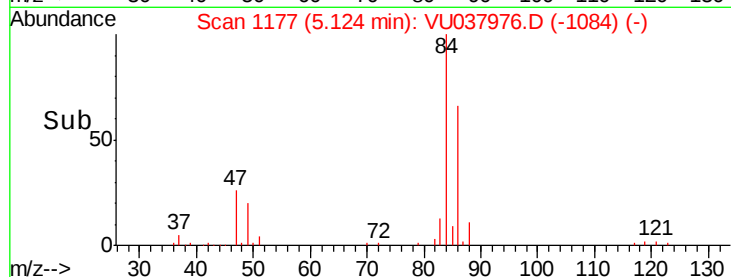
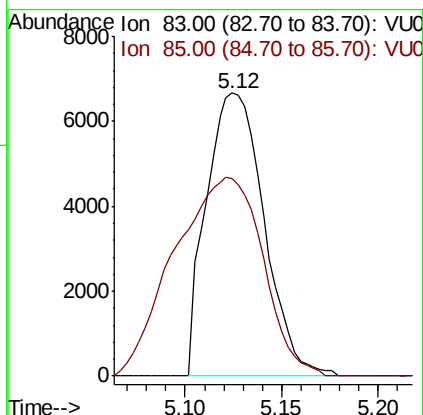
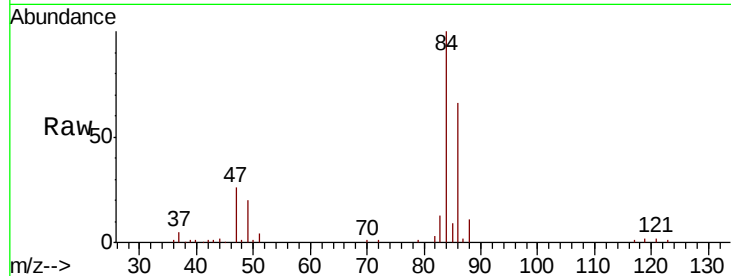




#25
Chloroform
Concen: 1.452 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037976.D
Acq: 01 May 2020 01:58

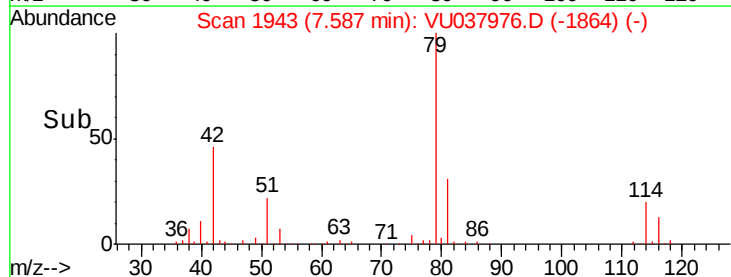
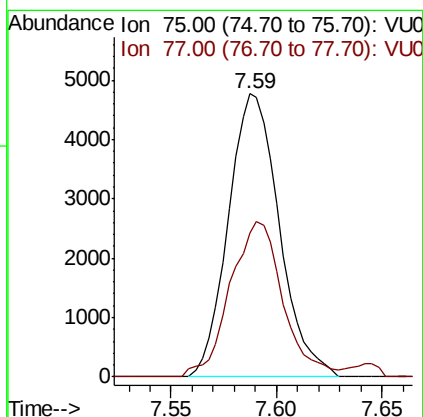
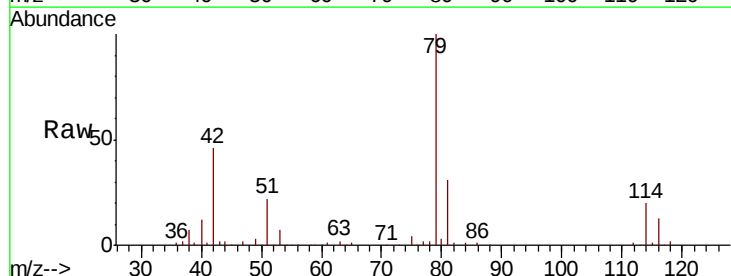
Instrument :
MSVOA_U
ClientSampleId :

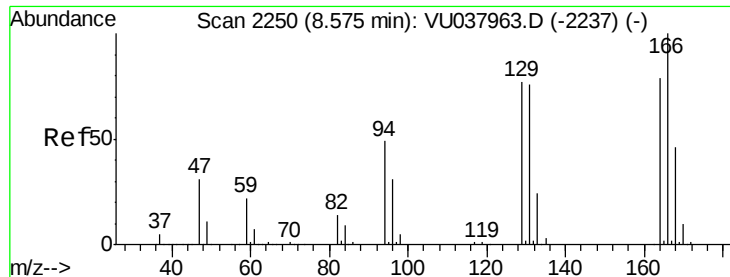
Tot Ion: 83 Resp: 13805
Ion Ratio Lower Upper
83 100
85 69.8 45.0 83.6



#39
cis-1,3-Dichloropropene
Concen: 0.902 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU037976.D
Acq: 01 May 2020 01:58

Tgt Ion: 75 Resp: 7995
Ion Ratio Lower Upper
75 100
77 50.7 22.6 42.0#





#46

Tetrachloroethene

Concen: 53.347 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037976.D

Acq: 01 May 2020 01:58

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 204181

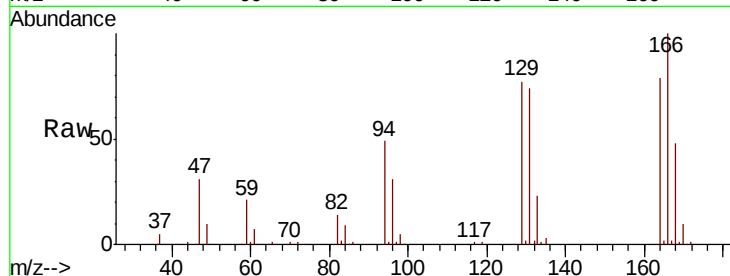
Ion Ratio Lower Upper

164 100

129 98.3 68.4 127.0

131 93.5 65.7 122.1

166 127.0 86.7 161.1

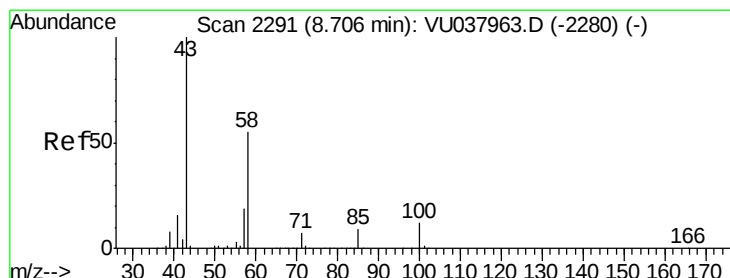
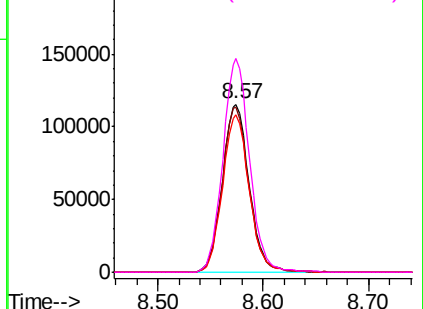
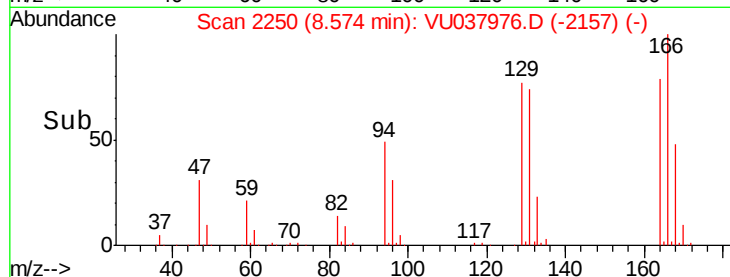


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.376 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU037976.D

Acq: 01 May 2020 01:58

Tgt Ion: 43 Resp: 41491

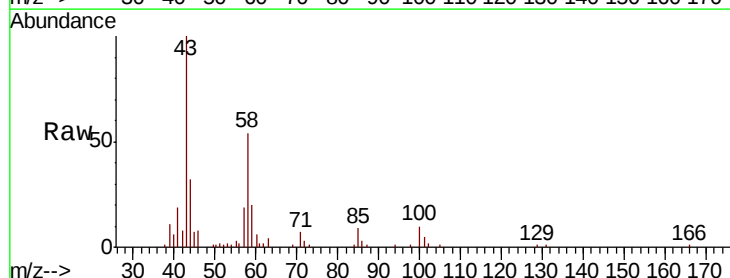
Ion Ratio Lower Upper

43 100

58 53.3 46.4 69.6

57 18.7 16.4 24.6

100 9.8 9.5 14.3

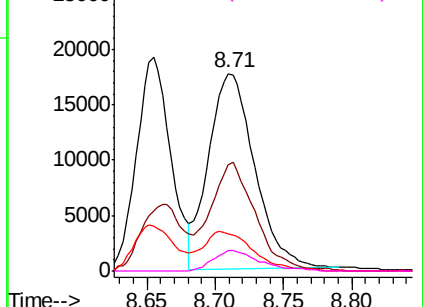
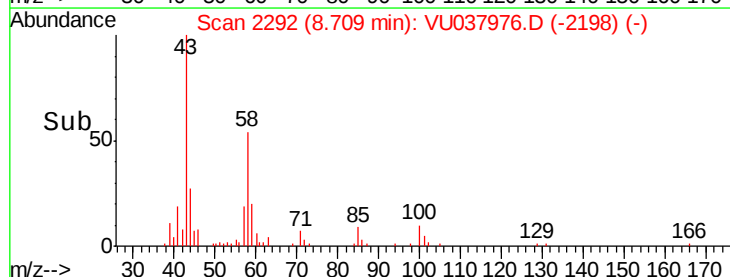


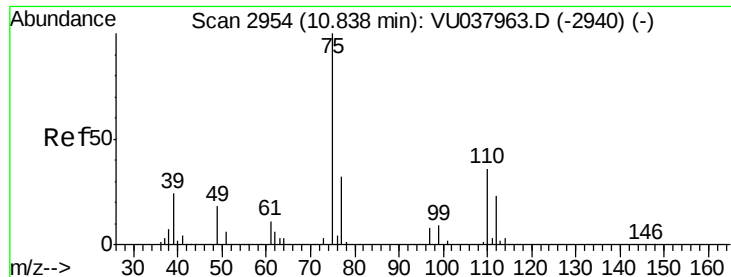
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.521 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037976.D

Acq: 01 May 2020 01:58

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 44245

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2

