

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050120\
 Data File : VU037992.D
 Acq On : 01 May 2020 16:16
 Operator : JC/MD
 Sample : L2471-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 02 00:12:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 02 00:09:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	691995	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	679598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	310641	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	256771	42.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.38%
7) Chloroethane-d5	1.93	69	219929	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.84%
11) 1,1-Dichloroethene-d2	2.59	63	321658	32.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.62%
21) 2-Butanone-d5	4.66	46	398678	83.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.80%
24) Chloroform-d	5.10	84	393103	41.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.42%
26) 1,2-Dichloroethane-d4	5.74	65	296708	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
32) Benzene-d6	5.76	84	902443	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
36) 1,2-Dichloropropane-d6	6.72	67	300823	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.58%
41) Toluene-d8	7.92	98	815672	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%
43) trans-1,3-Dichloropropene-	8.20	79	134101	43.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.12%
47) 2-Hexanone-d5	8.65	63	279568	96.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.79%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	407396	42.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.14%
64) 1,2-Dichlorobenzene-d4	12.20	152	289250	44.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.08%

Target Compounds

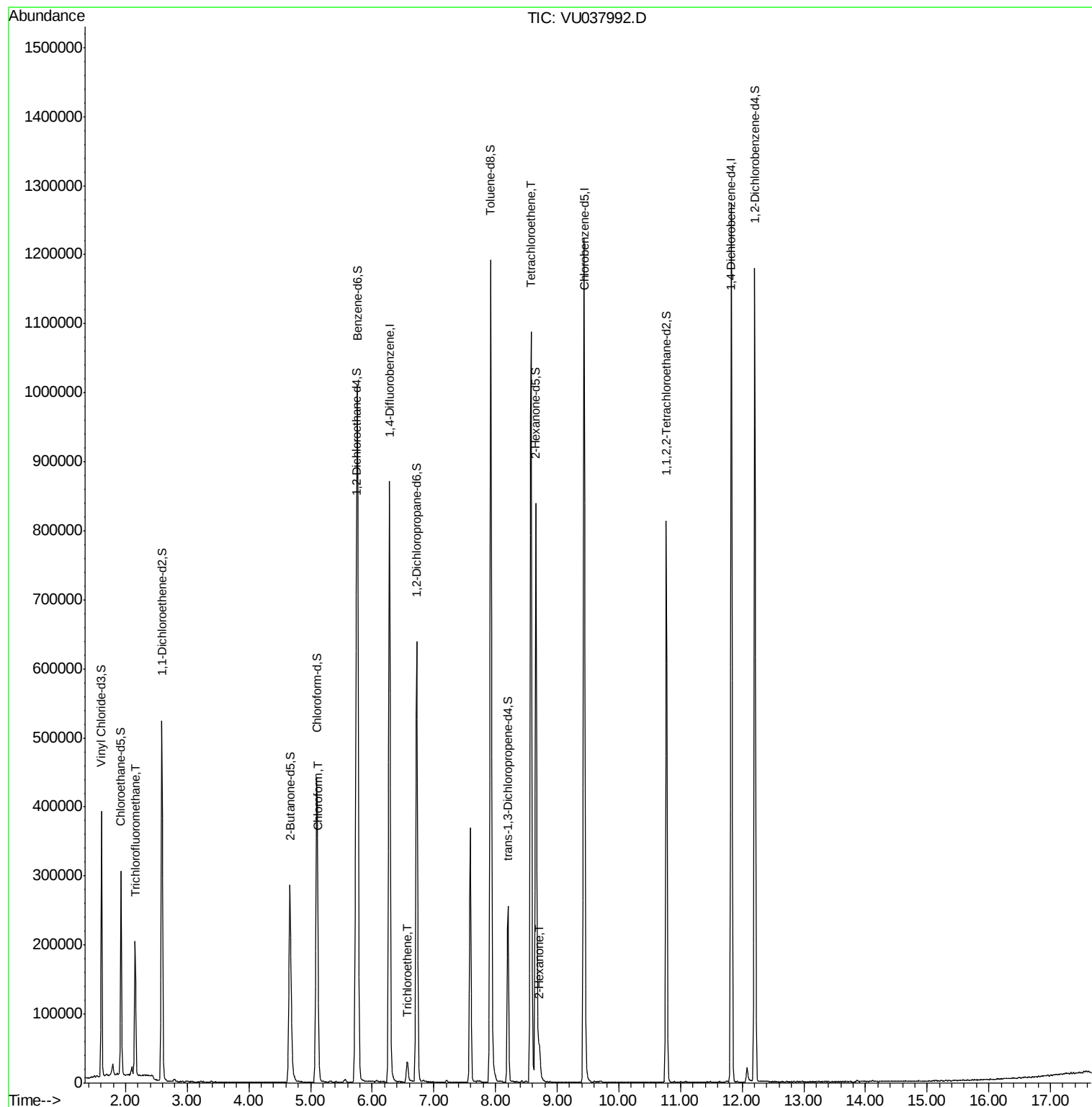
					Ovalue
9) Trichlorofluoromethane	2.15	101	122696	17.027 ug/L	99
25) Chloroform	5.12	83	30332	3.242 ug/L	99
34) Trichloroethene	6.57	95	7100	1.378 ug/L	85
46) Tetrachloroethene	8.57	164	236801	62.958 ug/L	97
48) 2-Hexanone	8.71	43	35927	4.737 ug/L #	90

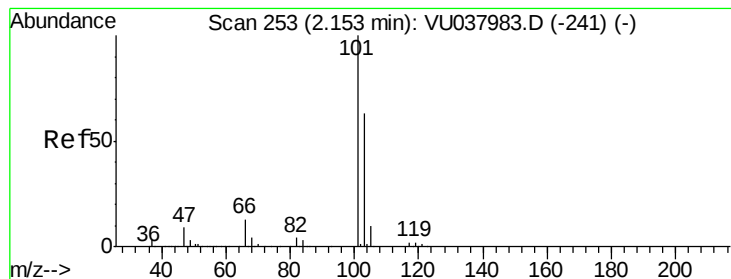
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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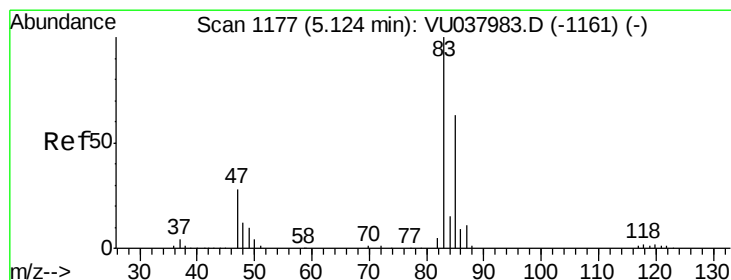
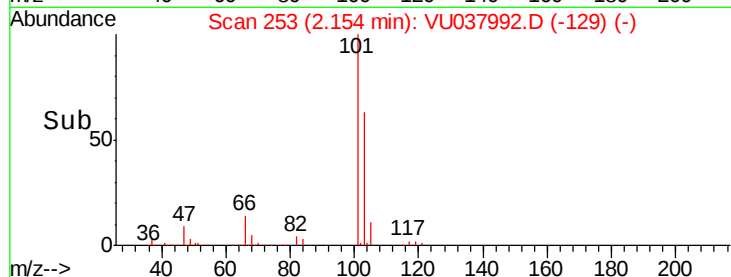
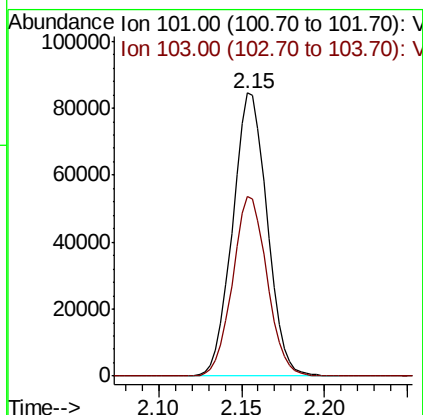
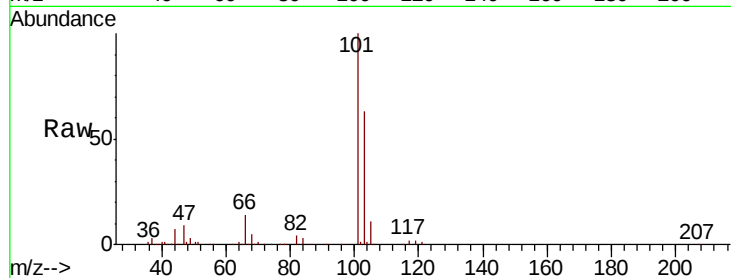


#9

Trichlorofluoromethane
 Concen: 17.027 ug/L
 RT: 2.15 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VU037992.D
 Acq: 01 May 2020 16:16

Instrument :
 MSVOA_U
 ClientSampleId :

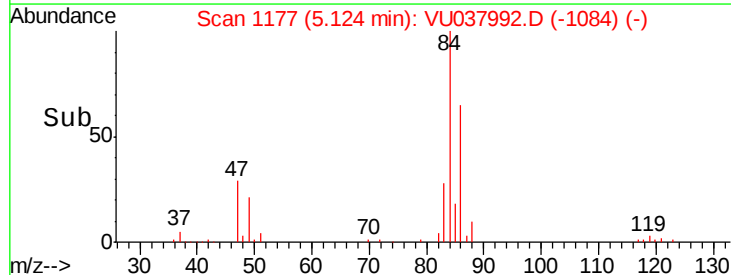
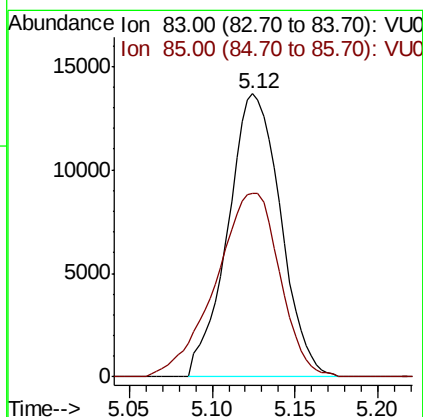
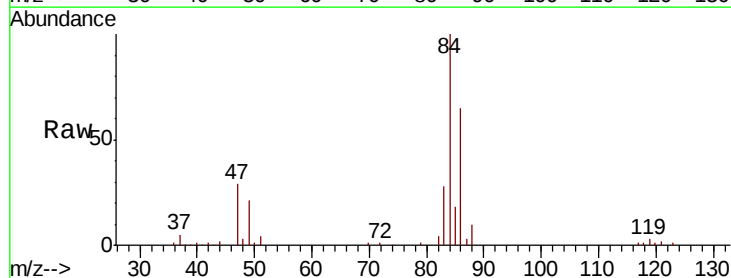
Tot Ion:101 Resp: 122696
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.0

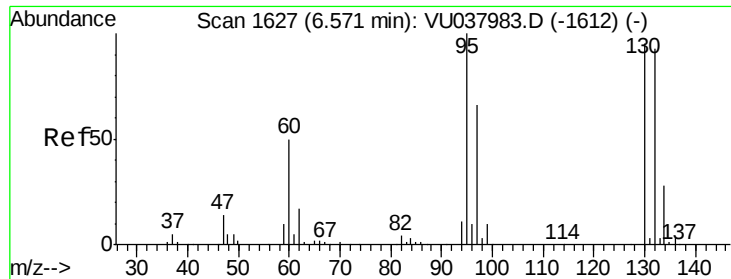


#25

Chloroform
 Concen: 3.242 ug/L
 RT: 5.12 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VU037992.D
 Acq: 01 May 2020 16:16

Tgt Ion: 83 Resp: 30332
 Ion Ratio Lower Upper
 83 100
 85 65.0 45.0 83.6

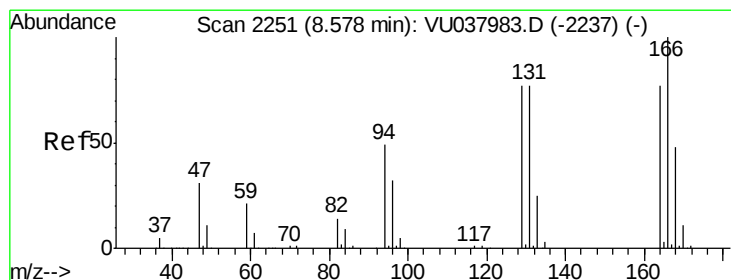
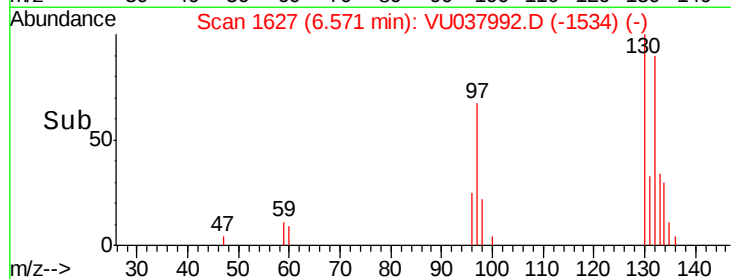
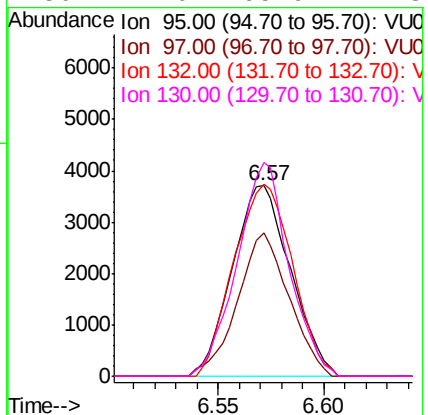
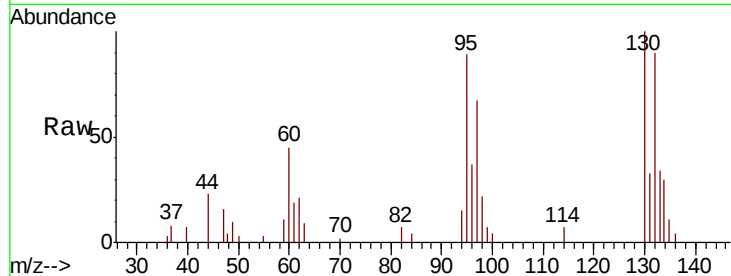




#34
 Trichloroethene
 Concen: 1.378 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037992.D
 Acq: 01 May 2020 16:16

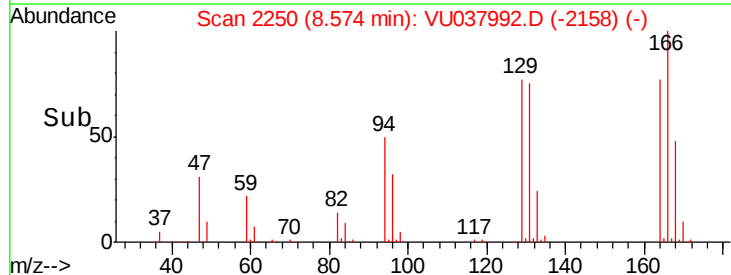
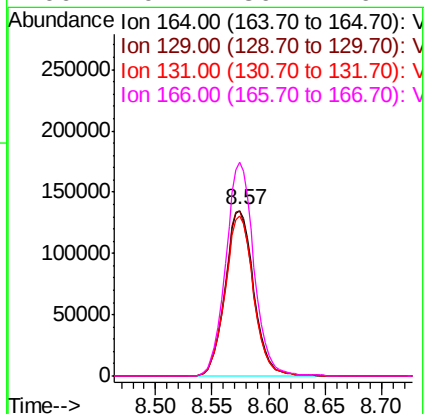
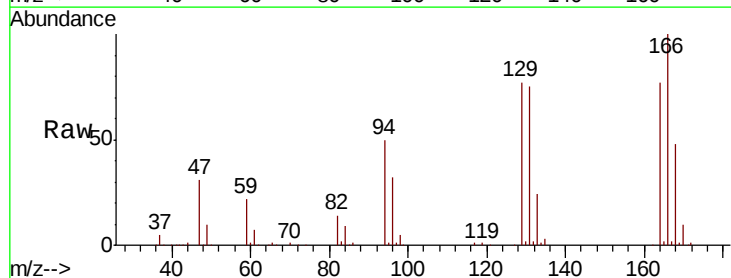
Instrument :
 MSVOA_U
 ClientSampleId :

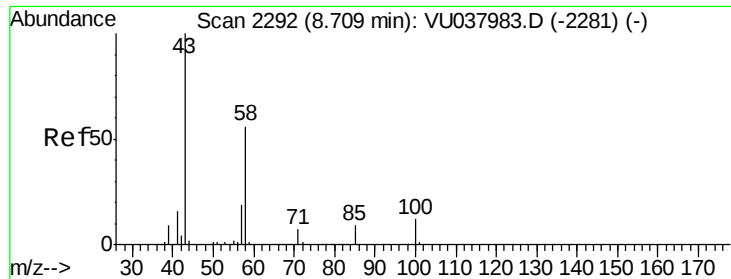
Tot Ion:	95	Resp:	7100
Ion	Ratio	Lower	Upper
95	100		
97	75.1	44.9	83.5
132	100.9	63.2	117.4
130	112.0	65.9	122.3



#46
 Tetrachloroethene
 Concen: 62.958 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037992.D
 Acq: 01 May 2020 16:16

Tgt Ion:	164	Resp:	236801
Ion	Ratio	Lower	Upper
164	100		
129	99.9	68.4	127.0
131	96.5	65.7	122.1
166	129.1	86.7	161.1





#48

2-Hexanone

Concen: 4.737 ug/L

RT: 8.71 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VU037992.D

Acq: 01 May 2020 16:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 35927

Ion Ratio Lower Upper

43 100

58 48.5 46.4 69.6

57 19.4 16.4 24.6

100 9.3 9.5 14.3#

