

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050120\
 Data File : VU037991.D
 Acq On : 01 May 2020 15:53
 Operator : JC/MD
 Sample : L2471-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0Y21

Quant Time: May 04 14:42:49 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	679605	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	665284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	303698	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	249764	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.56%
7) Chloroethane-d5	1.93	69	216211	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.92%
11) 1,1-Dichloroethene-d2	2.59	63	320792	32.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.62%
21) 2-Butanone-d5	4.66	46	395503	84.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.65%
24) Chloroform-d	5.10	84	391298	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.54%
26) 1,2-Dichloroethane-d4	5.74	65	296512	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
32) Benzene-d6	5.76	84	906436	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
36) 1,2-Dichloropropane-d6	6.72	67	301582	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.76%
41) Toluene-d8	7.92	98	805991	44.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.62%
43) trans-1,3-Dichloropropene-	8.20	79	134642	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.65	63	280821	99.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.31%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	411067	43.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.76%
64) 1,2-Dichlorobenzene-d4	12.20	152	286016	45.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.08%

Target Compounds

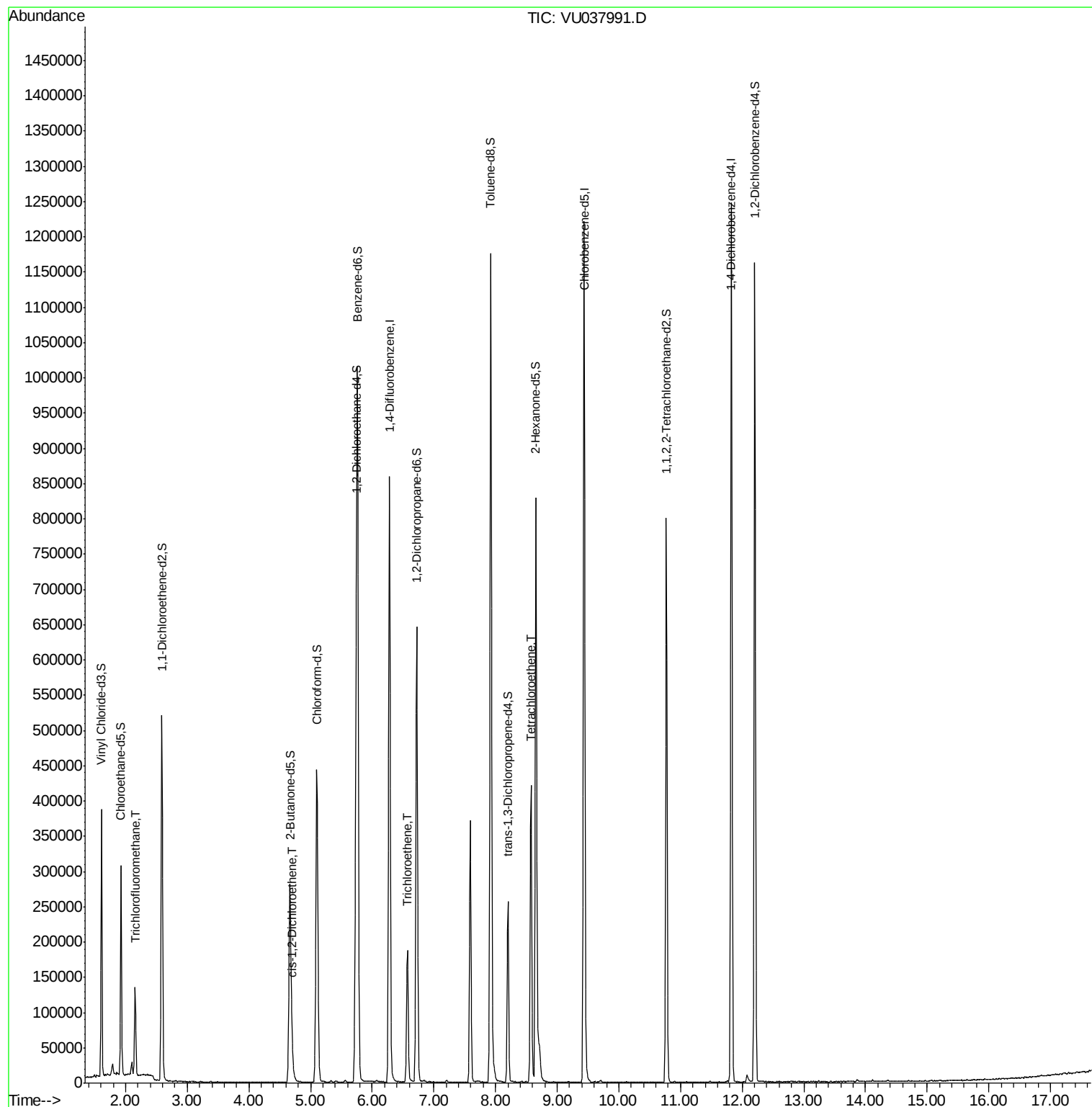
					Ovalue
9) Trichlorofluoromethane	2.15	101	78483	11.090	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	7669	1.443	ug/L 93
34) Trichloroethene	6.57	95	59994	11.896	ug/L 98
46) Tetrachloroethene	8.57	164	91090	24.739	ug/L 96

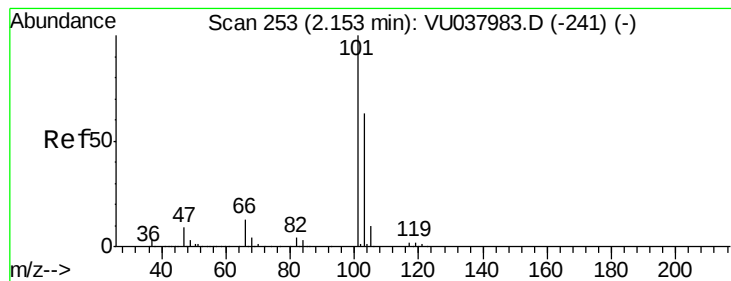
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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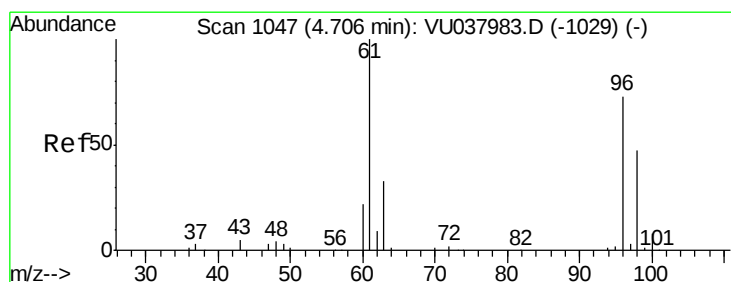
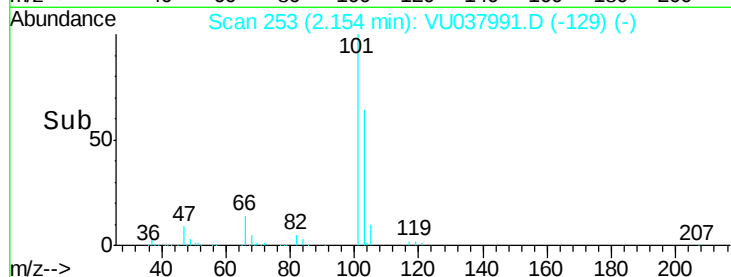
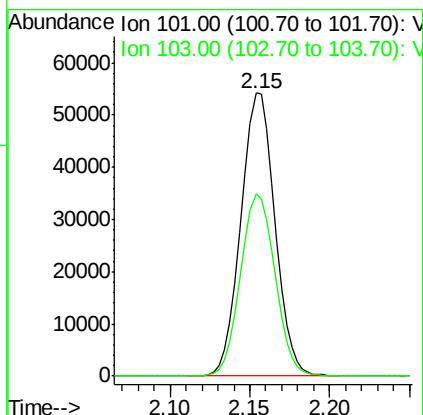
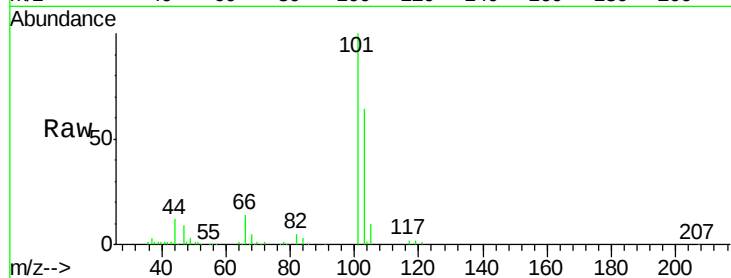


#9

Trichlorofluoromethane
 Concen: 11.090 ug/L
 RT: 2.15 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VU037991.D
 Acq: 01 May 2020 15:53

Instrument :
 MSVOA_U
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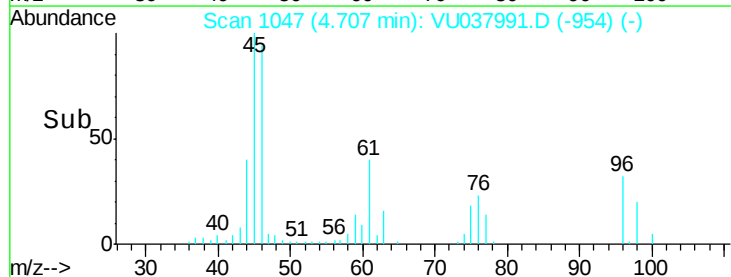
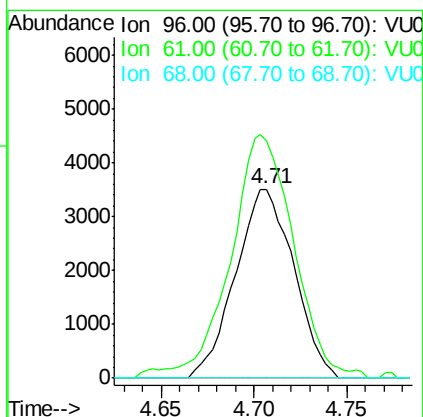
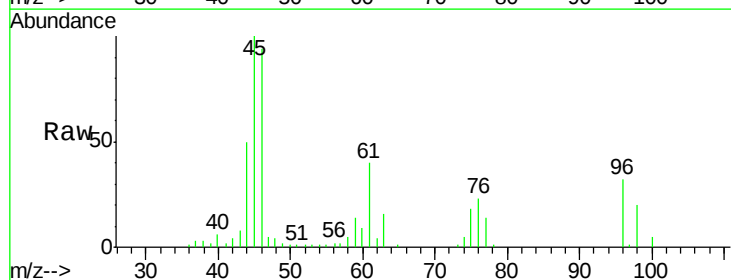
Tot Ion:101 Resp: 78483
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.0

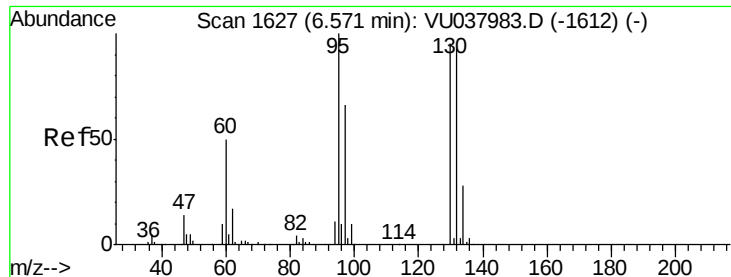


#20

cis-1,2-Dichloroethene
 Concen: 1.443 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037991.D
 Acq: 01 May 2020 15:53

Tgt Ion: 96 Resp: 7669
 Ion Ratio Lower Upper
 96 100
 61 125.9 93.9 174.3
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 11.896 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037991.D

Acq: 01 May 2020 15:53

Instrument :

MSVOA_U

ClientSampleId :

C0Y21

Tot Ion: 95 Resp: 59994

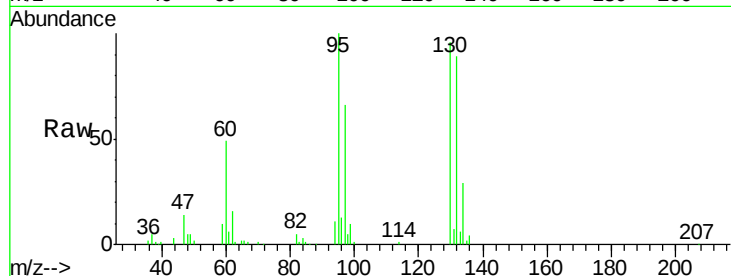
Ion Ratio Lower Upper

95 100

97 65.6 44.9 83.5

132 89.1 63.2 117.4

130 96.4 65.9 122.3

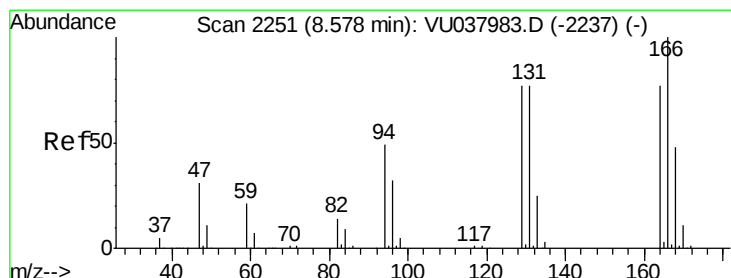
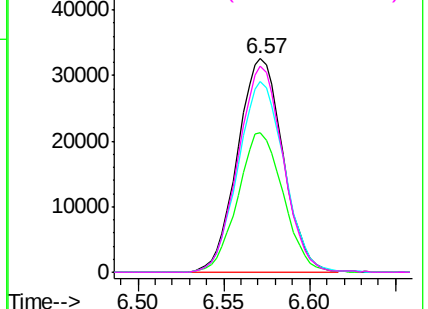
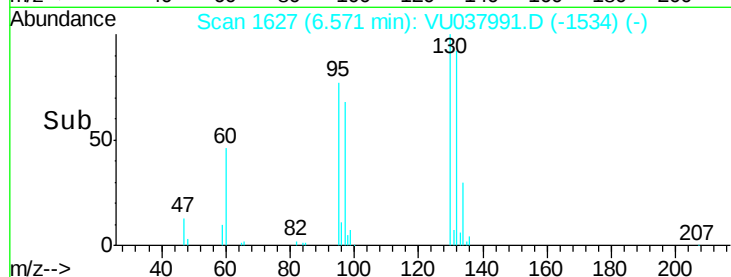


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 24.739 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037991.D

Acq: 01 May 2020 15:53

Tgt Ion: 164 Resp: 91090

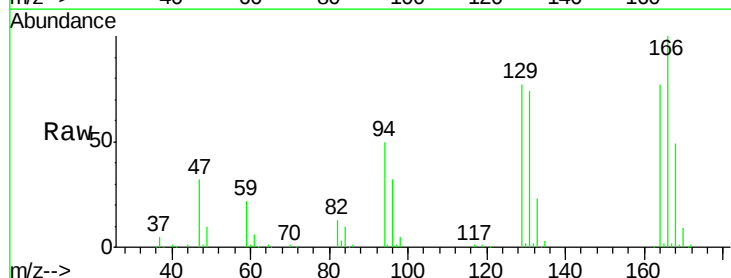
Ion Ratio Lower Upper

164 100

129 100.9 68.4 127.0

131 96.9 65.7 122.1

166 130.5 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

