

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038452.D
 Acq On : 31 May 2020 07:00
 Operator : JC/MD
 Sample : L2788-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXB8

Quant Time: Jun 01 08:21:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	305725	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	299349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	141491	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91581	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.93	69	77619	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.59	63	141583	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.69	46	363940	60.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.10%
24) Chloroform-d	5.10	84	191226	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.74	65	116024	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.76	84	386680	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.72	67	117700	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.92	98	315765	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.20	79	45538	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.66	63	305162	62.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105591	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	130231	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

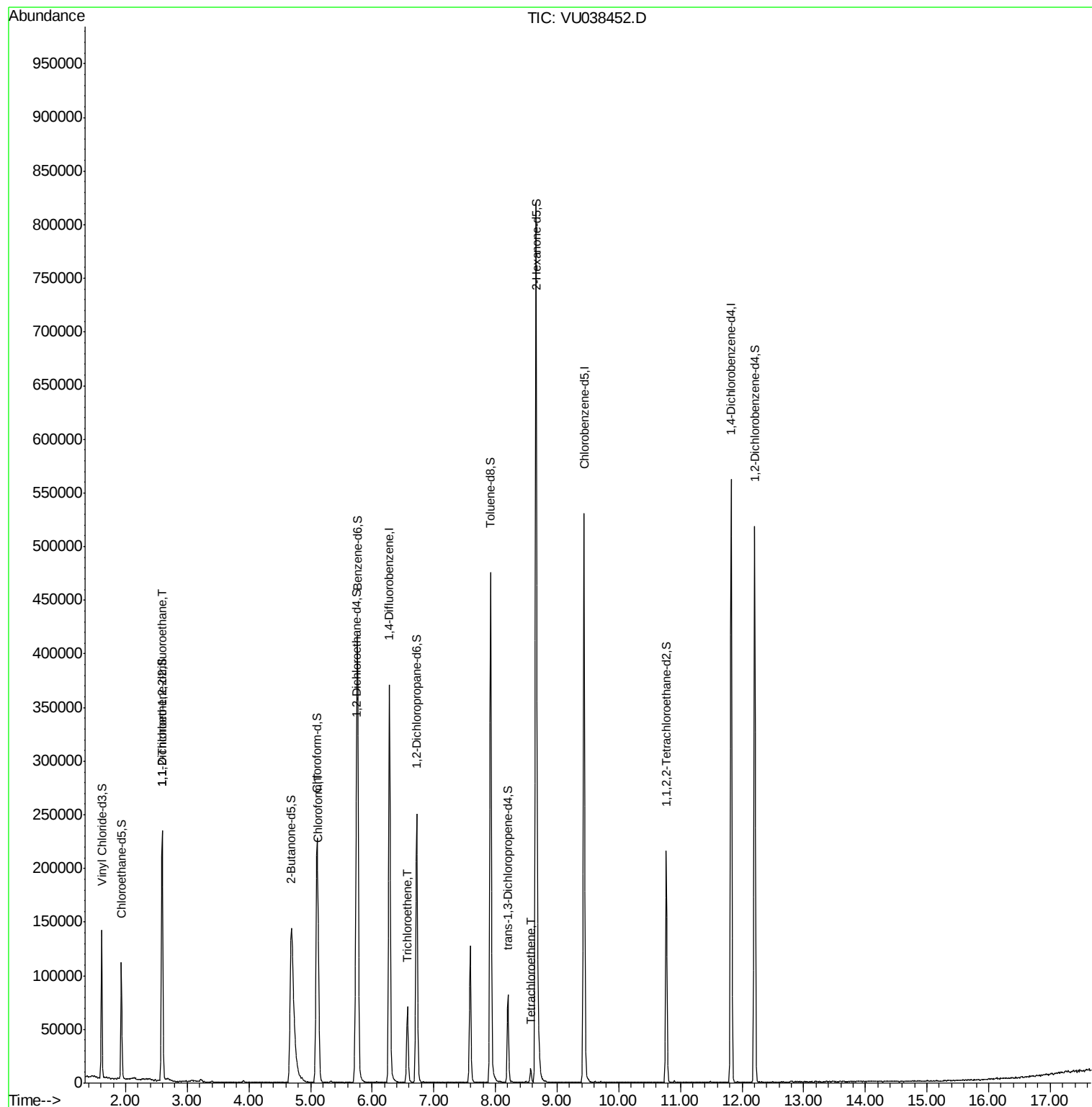
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2776	0.150 ug/L	# 49
25) Chloroform	5.13	83	77366	2.097 ug/L	100
34) Trichloroethene	6.57	95	23177	1.070 ug/L	98
47) Tetrachloroethene	8.57	164	2910	0.185 ug/L	87

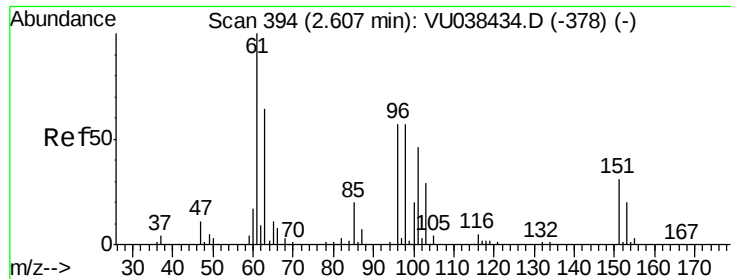
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038452.D
Acq On : 31 May 2020 07:00
Operator : JC/MD
Sample : L2788-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXB8

Quant Time: Jun 01 08:21:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 06:27:31 2020
Response via : Initial Calibration





#10

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

Concen: 0.150 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038452.D

Acq: 31 May 2020 07:00

Instrument :

MSVOA_U

ClientSampleId :

BFXB8

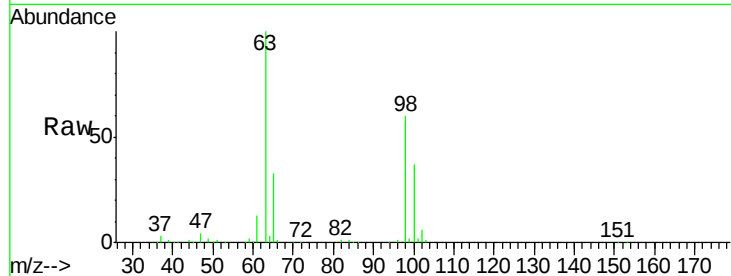
Tot Ion:101 Resp: 2776

Ion Ratio Lower Upper

101 100

85 14.4 34.0 51.0#

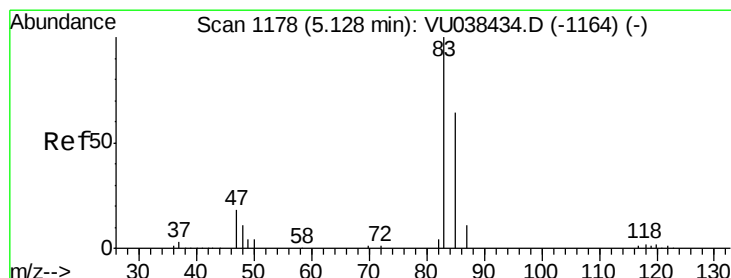
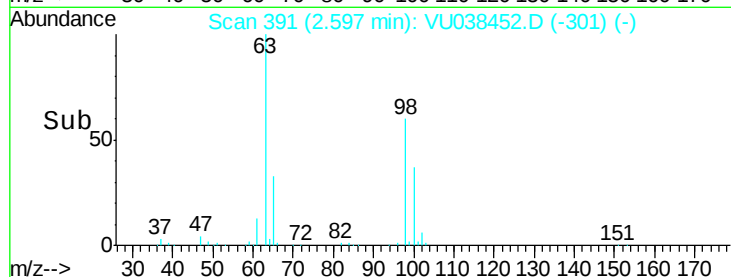
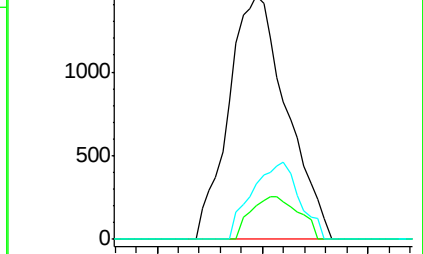
151 26.0 56.9 85.3#



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: 2.097 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU038452.D

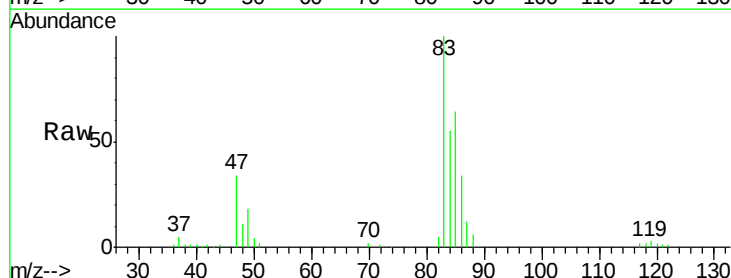
Acq: 31 May 2020 07:00

Tgt Ion: 83 Resp: 77366

Ion Ratio Lower Upper

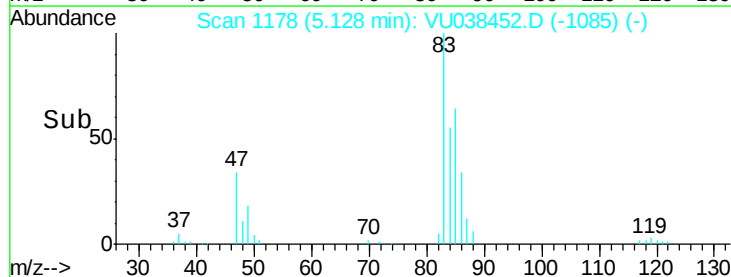
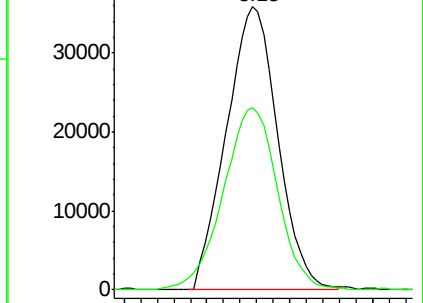
83 100

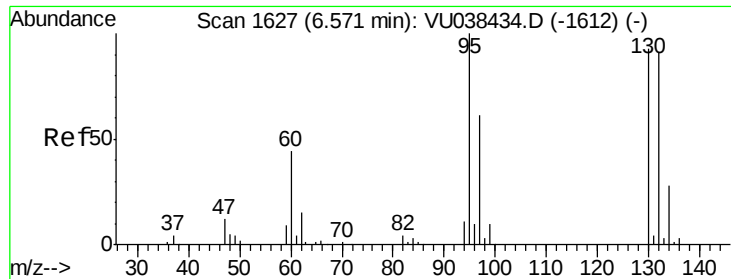
85 64.2 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

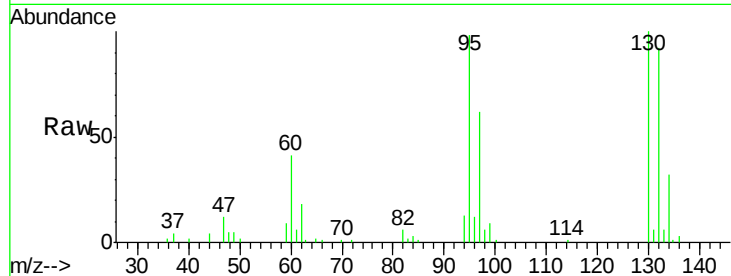




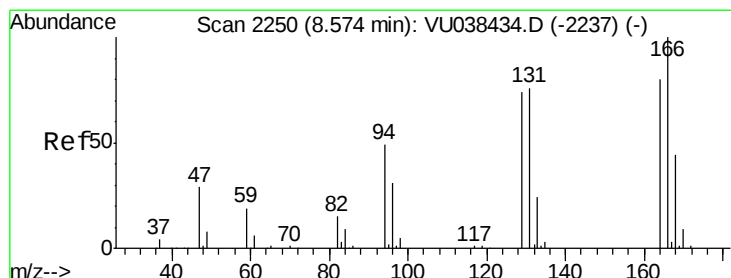
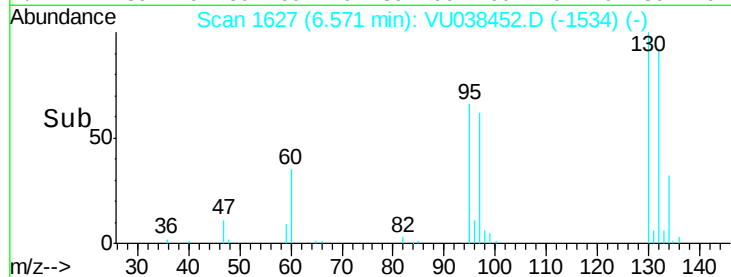
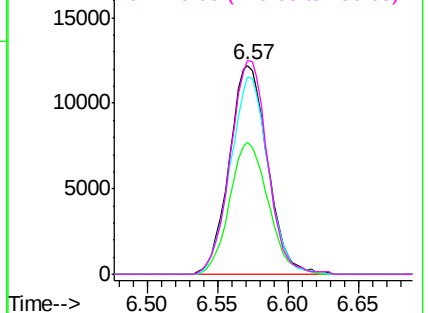
#34
 Trichloroethene
 Concen: 1.070 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038452.D
 Acq: 31 May 2020 07:00

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXB8

Tot Ion: 95 Resp: 23177
 Ion Ratio Lower Upper
 95 100
 97 63.0 46.8 87.0
 132 94.3 66.1 122.7
 130 102.1 70.0 130.0

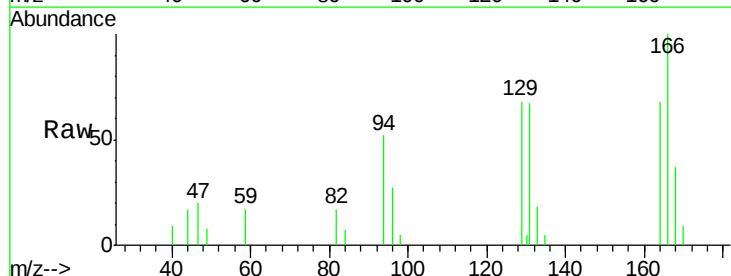


Abundance Ion 95.00 (94.70 to 95.70): VU038452.D (-1534) (-)
 Ion 96.95 (96.65 to 97.65): VU038452.D (-1534) (-)
 Ion 131.95 (131.65 to 132.65): VU038452.D (-1534) (-)
 Ion 129.95 (129.65 to 130.65): VU038452.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 0.185 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038452.D
 Acq: 31 May 2020 07:00

Tgt Ion: 164 Resp: 2910
 Ion Ratio Lower Upper
 164 100
 129 100.7 67.4 125.2
 131 99.1 64.1 119.1
 166 147.7 85.7 159.1



Abundance Ion 163.90 (163.60 to 164.60): VU038452.D (-2157) (-)
 Ion 128.95 (128.65 to 129.65): VU038452.D (-2157) (-)
 Ion 130.95 (130.65 to 131.65): VU038452.D (-2157) (-)
 Ion 165.90 (165.60 to 166.60): VU038452.D (-2157) (-)

