

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037198.D
 Acq On : 12 Mar 2020 18:53
 Operator : JC/MD
 Sample : L1901-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 07:34:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 07:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	392817	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	374166	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159586	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	146328	48.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.26%
7) Chloroethane-d5	1.93	69	123004	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.36%
11) 1,1-Dichloroethene-d2	2.59	63	203414	36.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.94%
21) 2-Butanone-d5	4.67	46	262664	109.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.17%
24) Chloroform-d	5.10	84	286461	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
26) 1,2-Dichloroethane-d4	5.74	65	215863	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
32) Benzene-d6	5.76	84	525746	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
36) 1,2-Dichloropropane-d6	6.72	67	174759	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.66%
41) Toluene-d8	7.92	98	484091	49.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.34%
43) trans-1,3-Dichloropropene-	8.20	79	88824	48.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.80%
47) 2-Hexanone-d5	8.66	63	185395	106.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.21%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	256973	49.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	180284	54.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.92%

Target Compounds

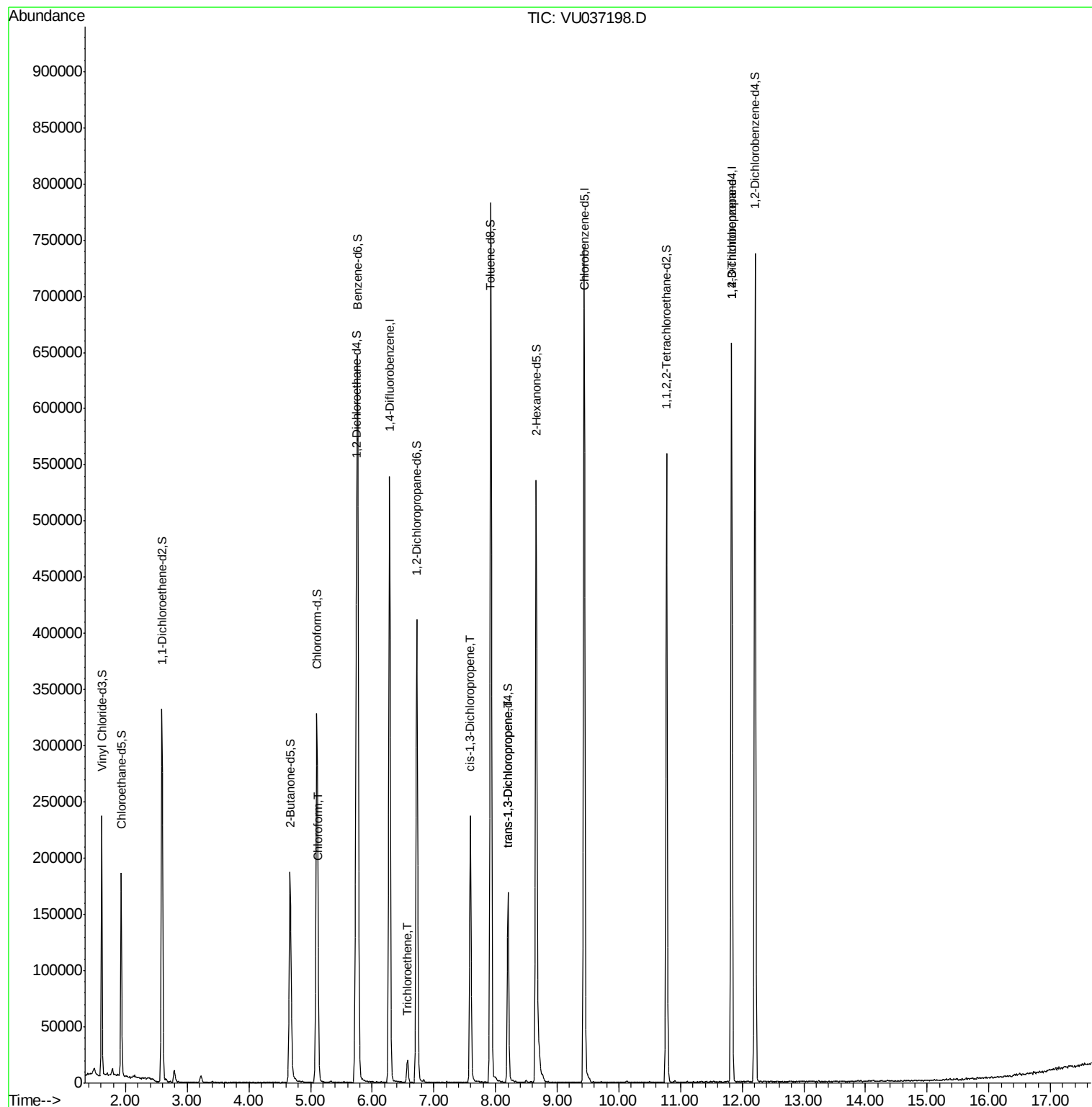
					Ovalue
25) Chloroform	5.13	83	7460	1.269 ug/L	95
34) Trichloroethene	6.57	95	6640	2.317 ug/L	86
39) cis-1,3-Dichloropropene	7.59	75	7207	1.483 ug/L #	71
44) trans-1,3-Dichloropropene	8.20	75	5190	1.131 ug/L	86
59) 1,2,3-Trichloropropane	11.83	75	22696	5.208 ug/L	92

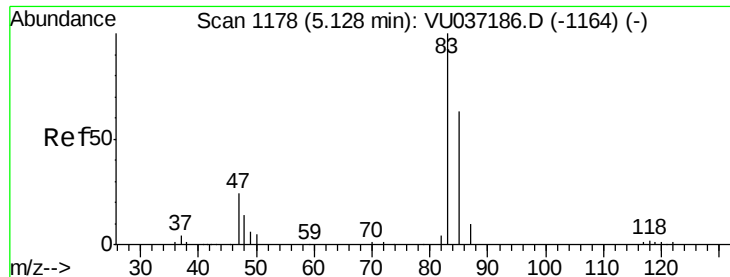
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.269 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037198.D

Acq: 12 Mar 2020 18:53

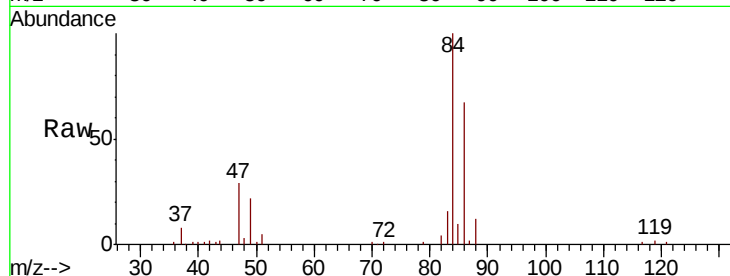
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 7460

Ion Ratio Lower Upper

83 100

85 60.6 45.0 83.6

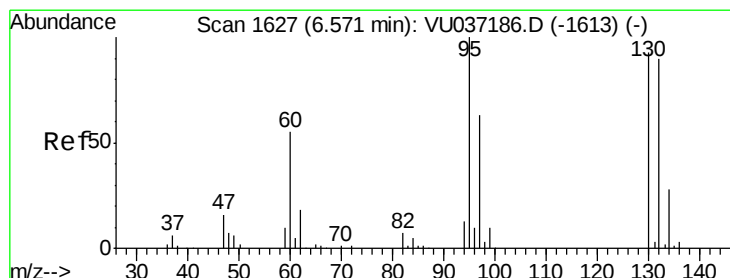
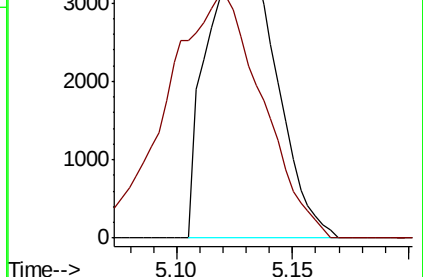
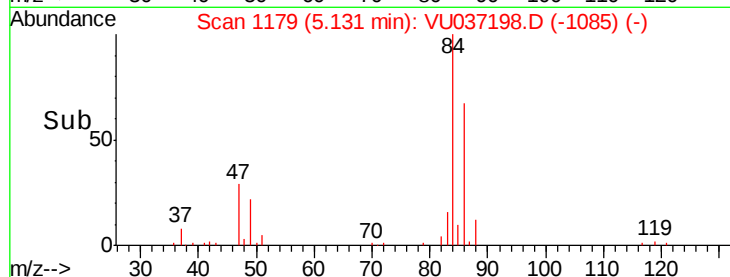


Abundance Ion 83.00 (82.70 to 83.70): VU037198.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU037198.D (-1164) (-)

5.13

Time-->



#34

Trichloroethene

Concen: 2.317 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037198.D

Acq: 12 Mar 2020 18:53

Tgt Ion: 95 Resp: 6640

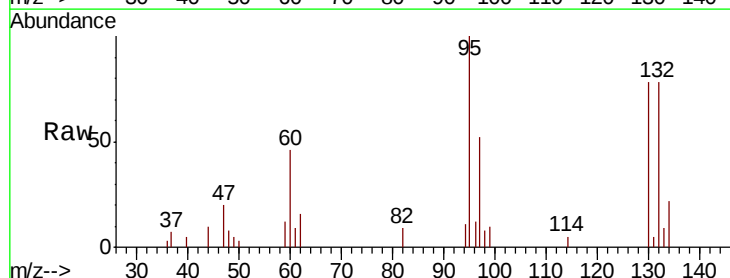
Ion Ratio Lower Upper

95 100

97 51.7 43.8 81.4

132 78.2 62.6 116.3

130 78.2 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU037198.D (-1613) (-)

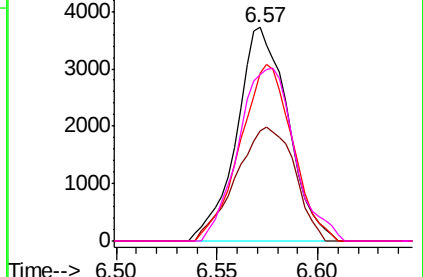
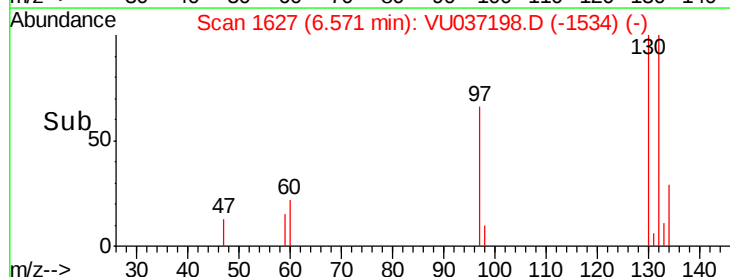
Ion 97.00 (96.70 to 97.70): VU037198.D (-1613) (-)

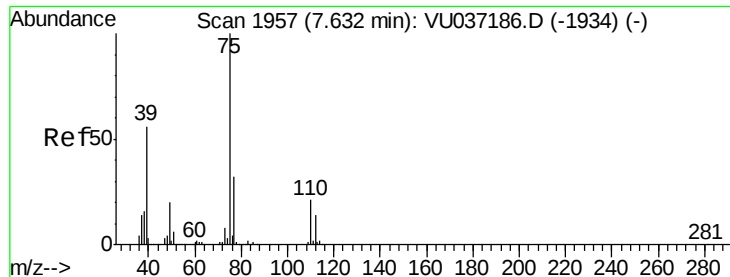
Ion 132.00 (131.70 to 132.70): VU037198.D (-1613) (-)

Ion 130.00 (129.70 to 130.70): VU037198.D (-1613) (-)

6.57

Time-->





#39

cis-1,3-Dichloropropene

Concen: 1.483 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037198.D

Acq: 12 Mar 2020 18:53

Instrument :

MSVOA_U

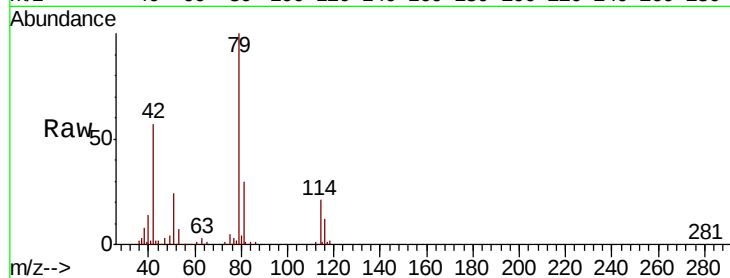
ClientSampleId :

Tot Ion: 75 Resp: 7207

Ion Ratio Lower Upper

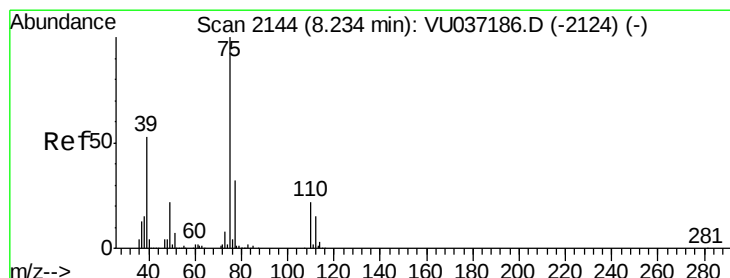
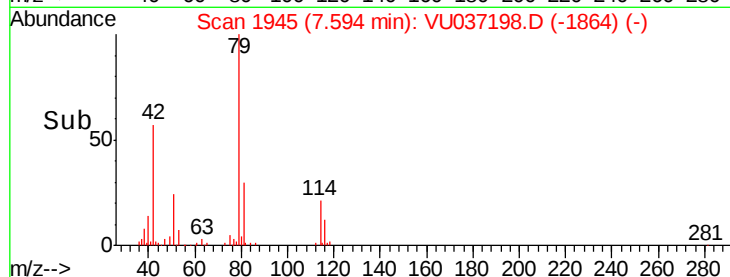
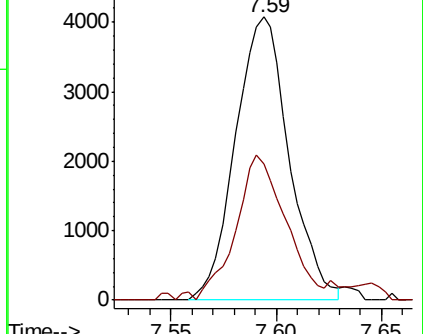
75 100

77 48.3 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU037198.D (-1945) (-)

Ion 77.00 (76.70 to 77.70): VU037198.D (-1945) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.131 ug/L

RT: 8.20 min Scan# 2135

Delta R.T. -0.03 min

Lab File: VU037198.D

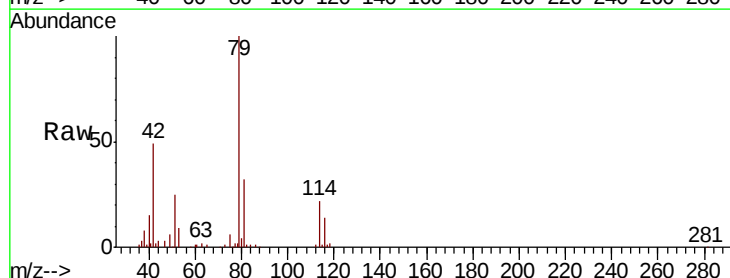
Acq: 12 Mar 2020 18:53

Tgt Ion: 75 Resp: 5190

Ion Ratio Lower Upper

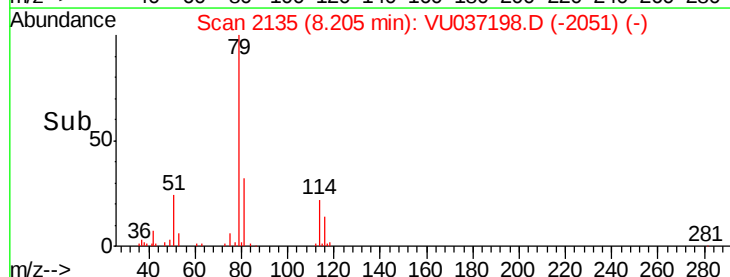
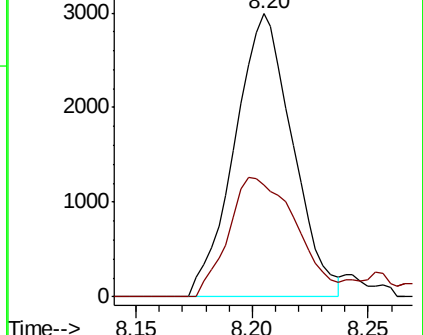
75 100

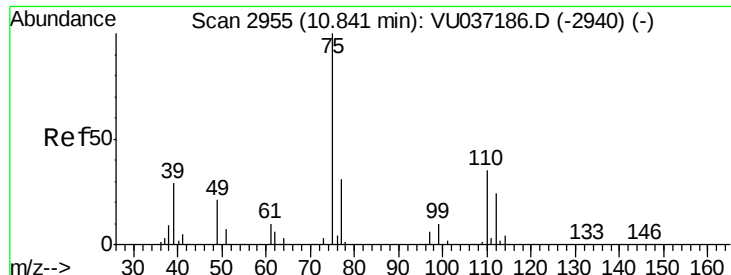
77 39.5 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU037198.D (-2135) (-)

Ion 77.00 (76.70 to 77.70): VU037198.D (-2135) (-)





#59

1,2,3-Trichloropropane

Concen: 5.208 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037198.D

Acq: 12 Mar 2020 18:53

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 22696

Ion Ratio Lower Upper

75 100

77 35.9 25.0 37.6

