

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037190.D
 Acq On : 12 Mar 2020 15:49
 Operator : JC/MD
 Sample : VU0312WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 07:33:54 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	415178	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	404431	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	171052	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	157931	49.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.30%
7) Chloroethane-d5	1.93	69	132964	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.66%
11) 1,1-Dichloroethene-d2	2.59	63	219197	37.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.36%
21) 2-Butanone-d5	4.66	46	258976	101.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	5.10	84	299408	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	5.74	65	228963	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
32) Benzene-d6	5.76	84	555976	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
36) 1,2-Dichloropropane-d6	6.72	67	184915	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.48%
41) Toluene-d8	7.92	98	513634	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%
43) trans-1,3-Dichloropropene-	8.20	79	97154	48.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.96%
47) 2-Hexanone-d5	8.66	63	178386	94.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	261554	46.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.66%
64) 1,2-Dichlorobenzene-d4	12.21	152	183022	51.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.16%

Target Compounds

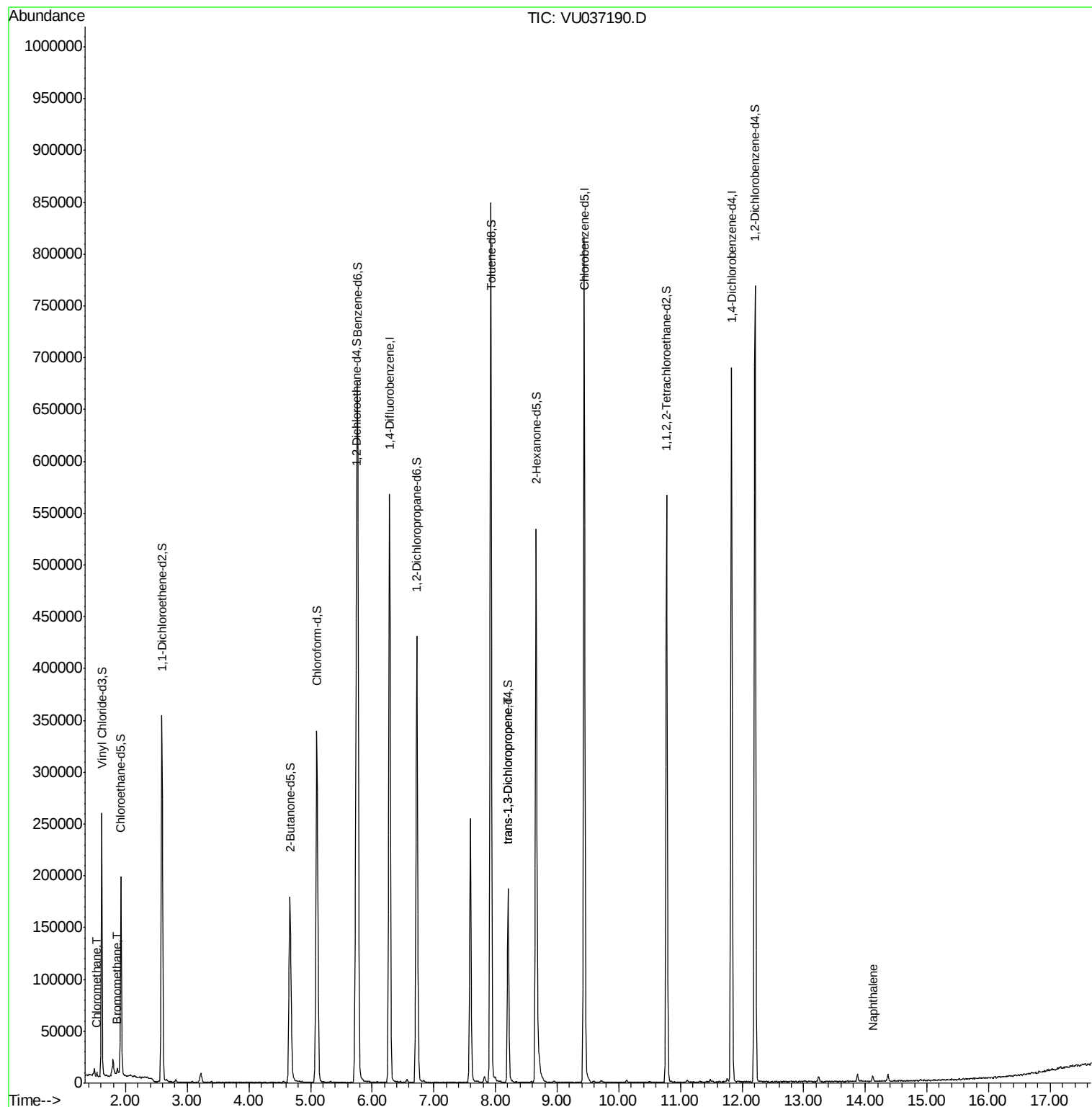
					Ovalue
3) Chloromethane	1.54	50	4865	1.402 ug/L	93
6) Bromomethane	1.86	94	2415	1.654 ug/L	89
44) trans-1,3-Dichloropropene	8.20	75	6269	1.264 ug/L #	83
69) Naphthalene	14.12	128	4924	1.052 ug/L	99

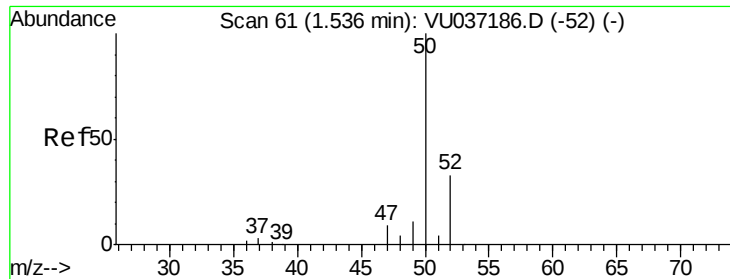
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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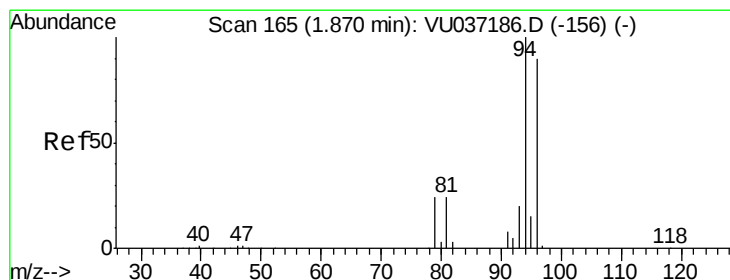
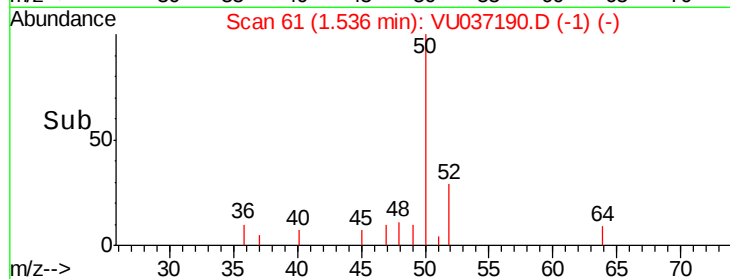
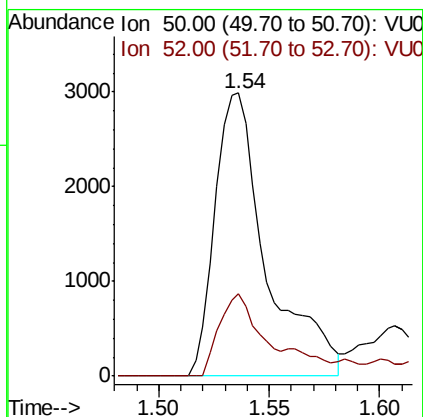
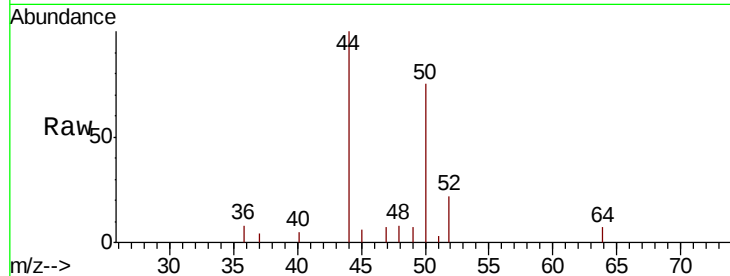




#3
Chloromethane
Concen: 1.402 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU037190.D
Acq: 12 Mar 2020 15:49

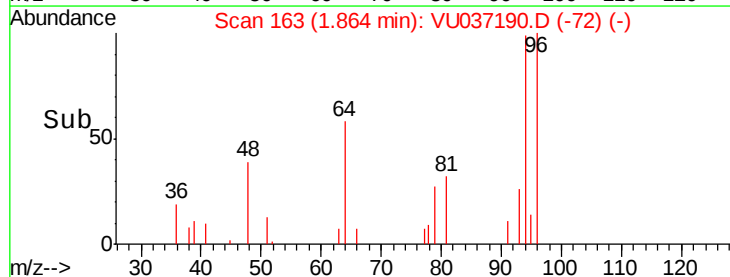
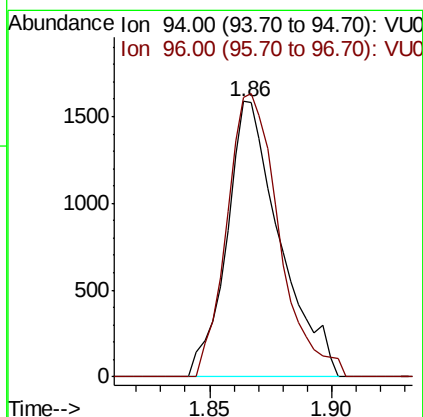
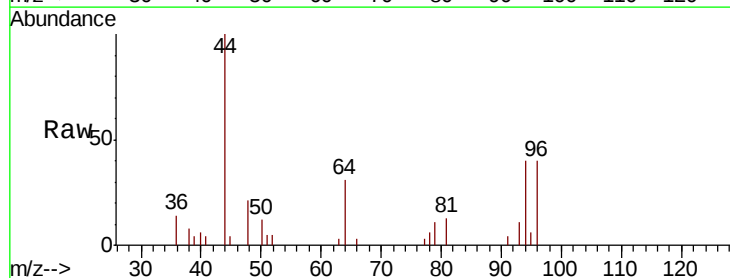
Instrument :
MSVOA_U
ClientSampled :

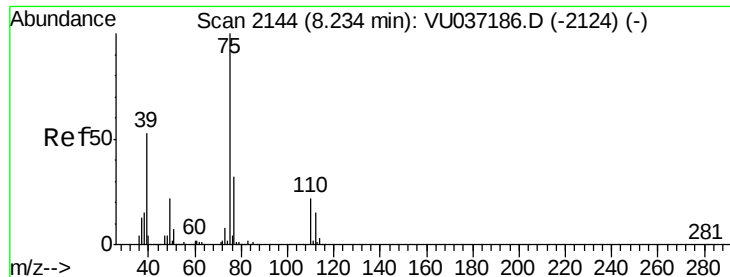
Tot Ion: 50 Resp: 4865
Ion Ratio Lower Upper
50 100
52 29.0 23.2 43.0



#6
Bromomethane
Concen: 1.654 ug/L
RT: 1.86 min Scan# 163
Delta R.T. -0.01 min
Lab File: VU037190.D
Acq: 12 Mar 2020 15:49

Tgt Ion: 94 Resp: 2415
Ion Ratio Lower Upper
94 100
96 101.5 63.5 117.9





#44

trans-1,3-Dichloropropene

Concen: 1.264 ug/L

RT: 8.20 min Scan# 2135

Delta R.T. -0.03 min

Lab File: VU037190.D

Acq: 12 Mar 2020 15:49

Instrument :

MSVOA_U

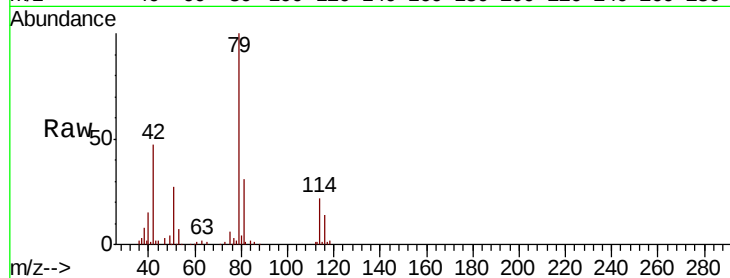
ClientSampleId :

Tot Ion: 75 Resp: 6269

Ion Ratio Lower Upper

75 100

77 41.3 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU037186.D (-2124) (-)

Ion 77.00 (76.70 to 77.70): VU037186.D (-2124) (-)

8.20

4000

3000

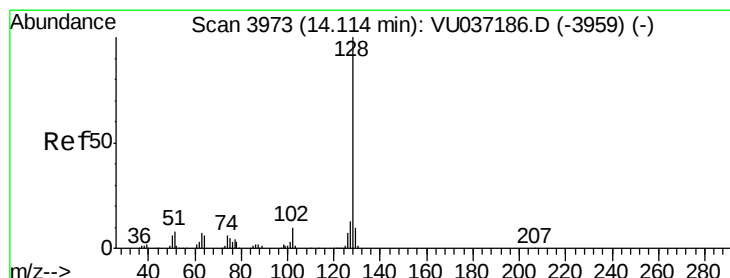
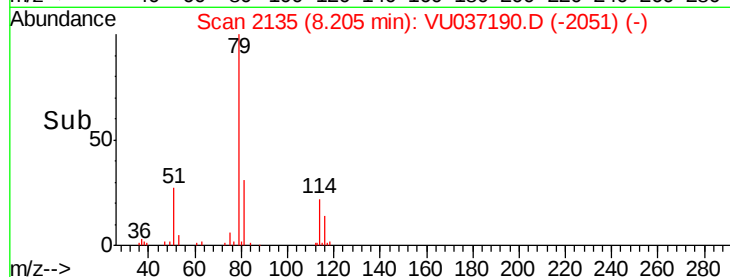
2000

1000

0

8.15 8.20 8.25

Time-->



#69

Naphthalene

Concen: 1.052 ug/L

RT: 14.12 min Scan# 3976

Delta R.T. 0.01 min

Lab File: VU037190.D

Acq: 12 Mar 2020 15:49

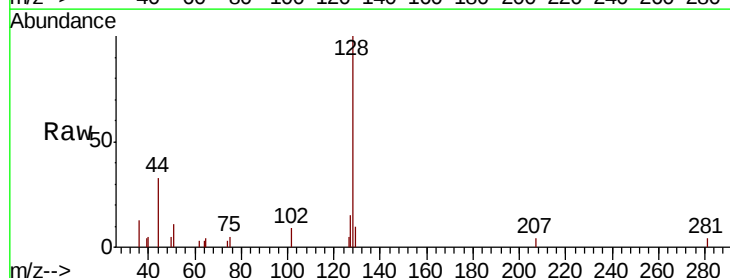
Tgt Ion: 128 Resp: 4924

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 10.4 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): VU037186.D (-3959) (-)

Ion 127.00 (126.70 to 127.70): VU037186.D (-3959) (-)

Ion 129.00 (128.70 to 129.70): VU037186.D (-3959) (-)

14.12

4000

3000

2000

1000

0

14.10 14.12 14.15

Time-->

