

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038551.D
 Acq On : 04 Jun 2020 16:05
 Operator : SY/MD
 Sample : L2873-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM9

Quant Time: Jun 05 02:36:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	291536	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	291663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	138715	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72091	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.93	69	62342	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.59	63	113012	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.67	46	292054	50.95	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.90%
24) Chloroform-d	5.10	84	168403	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.74	65	99219	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.76	84	329670	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.72	67	103365	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.92	98	279905	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.20	79	42222	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.65	63	248008	52.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	90890	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	117578	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

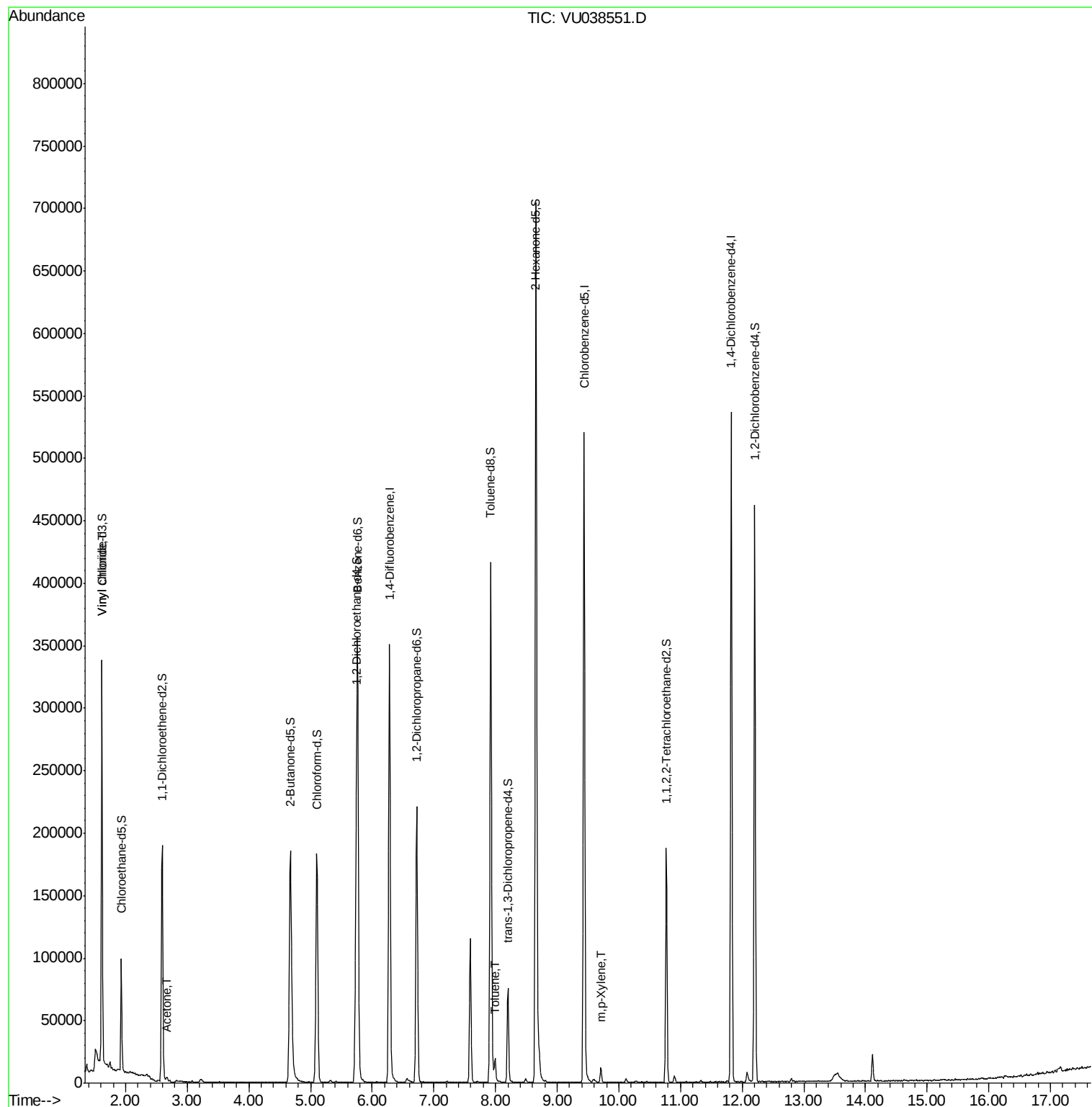
					Ovalue
5) Vinyl chloride	1.62	62	154575	6.837 ug/L	92
13) Acetone	2.67	43	5320	1.418 ug/L	92
42) Toluene	8.00	91	11731	0.138 ug/L	93
53) m,p-Xylene	9.71	106	3534	0.097 ug/L	94

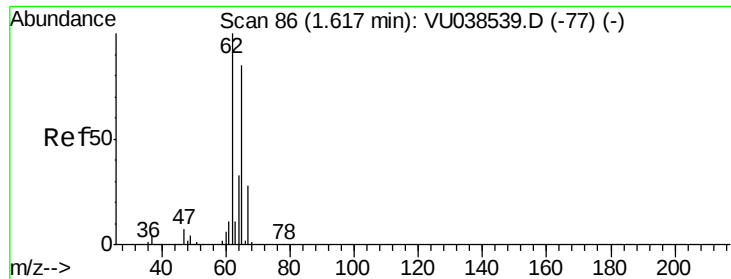
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.837 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038551.D

Acq: 04 Jun 2020 16:05

Instrument :

MSVOA_U

ClientSampleId :

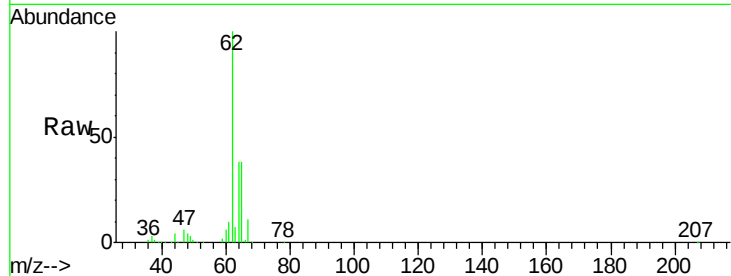
ETTM9

Tot Ion: 62 Resp: 154575

Ion Ratio Lower Upper

62 100

64 38.5 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU038551.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU038551.D (-1) (-)

1.62

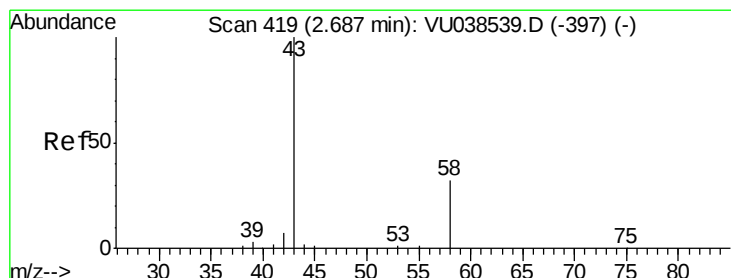
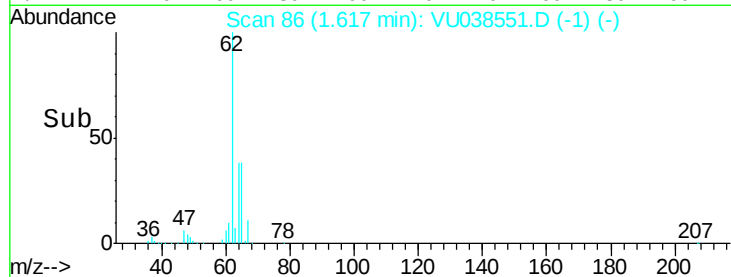
150000

100000

50000

0

Time-->



#13

Acetone

Concen: 1.418 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038551.D

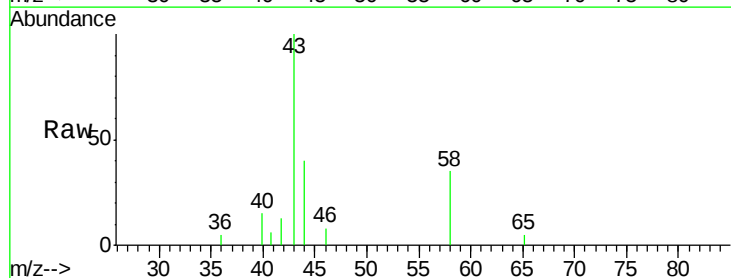
Acq: 04 Jun 2020 16:05

Tgt Ion: 43 Resp: 5320

Ion Ratio Lower Upper

43 100

58 28.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038551.D (-326) (-)

Ion 58.05 (57.75 to 58.75): VU038551.D (-326) (-)

2.67

2500

2000

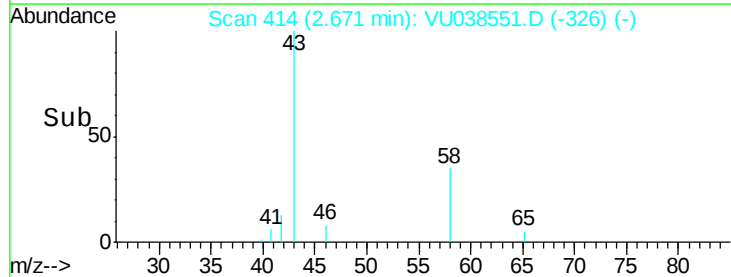
1500

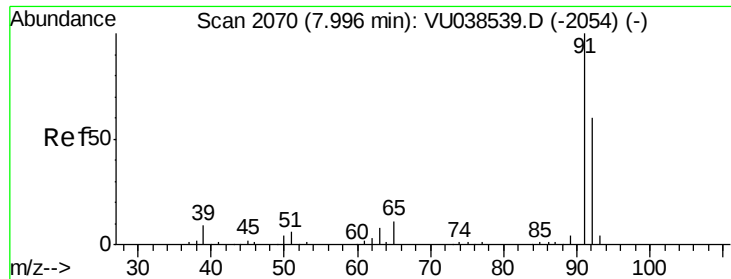
1000

500

0

Time-->





#42

Toluene

Concen: 0.138 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU038551.D

Acq: 04 Jun 2020 16:05

Instrument :

MSVOA_U

ClientSampleId :

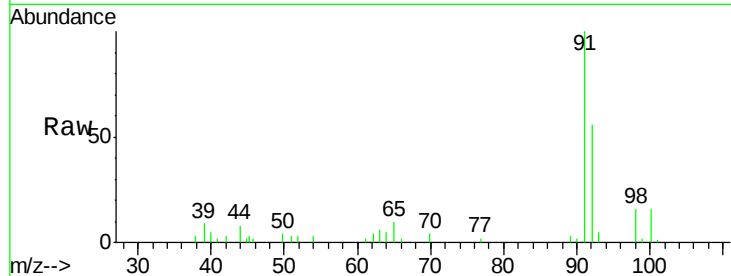
ETTM9

Tot Ion: 91 Resp: 11731

Ion Ratio Lower Upper

91 100

92 55.7 43.0 79.8



Abundance Ion 91.15 (90.85 to 91.85): VU038539.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038539.D (-2054) (-)

8.00

6000

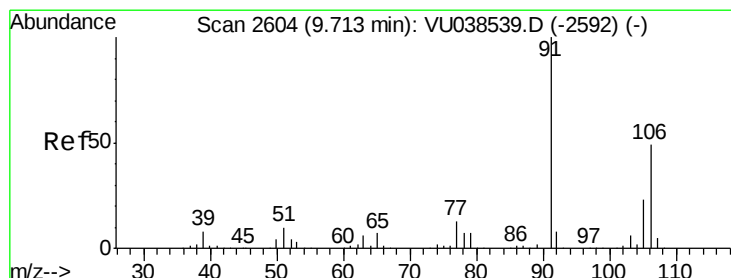
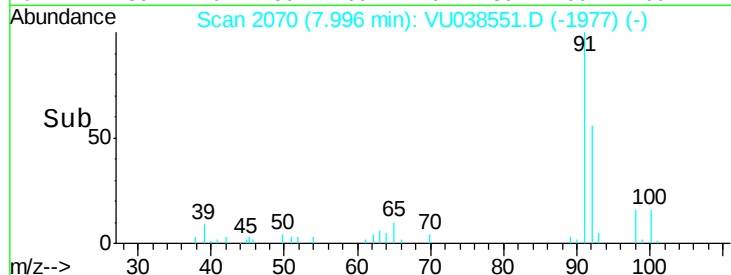
4000

2000

0

7.95 8.00 8.05

Time-->



#53

m,p-Xylene

Concen: 0.097 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038551.D

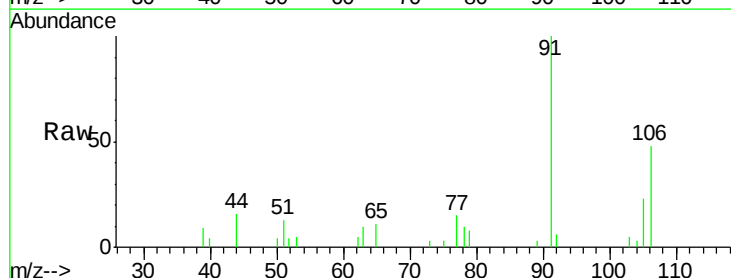
Acq: 04 Jun 2020 16:05

Tgt Ion: 106 Resp: 3534

Ion Ratio Lower Upper

106 100

91 206.4 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): VU038539.D (-2592) (-)

Ion 91.15 (90.85 to 91.85): VU038539.D (-2592) (-)

9.71

5000

4000

3000

2000

1000

0

9.65 9.70 9.75

Time-->

