

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
 Data File : VU038662.D
 Acq On : 08 Jun 2020 12:01
 Operator : SY/MD
 Sample : L2911-04DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D05DL

Quant Time: Jun 10 11:51:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 09 00:46:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	355876	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	359476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	183294	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78992	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.93	69	62662	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.80%
11) 1,1-Dichloroethene-d2	2.58	63	128087	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.68	46	354153	50.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.24%
24) Chloroform-d	5.10	84	187850	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.74	65	112861	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.76	84	377601	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.72	67	120055	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.92	98	325134	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.20	79	47781	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.66	63	307807	52.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111278	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	139195	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

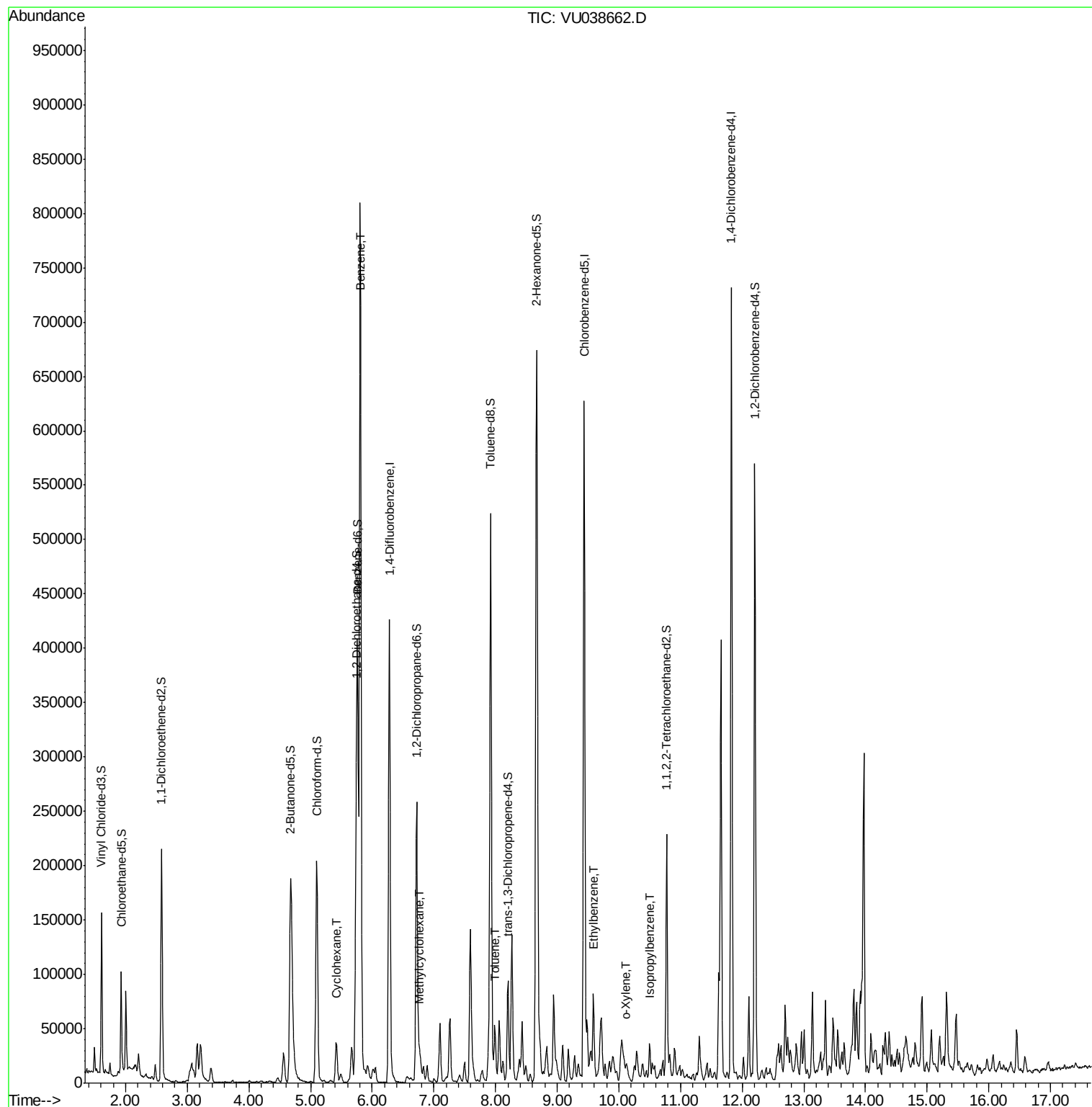
					Ovalue
30) Cyclohexane	5.42	56	18163	0.455 ug/L	95
33) Benzene	5.81	78	768642	7.668 ug/L	100
35) Methylcyclohexane	6.78	83	9388	0.233 ug/L #	51
42) Toluene	7.99	91	32024	0.305 ug/L	94
52) Ethylbenzene	9.59	91	47852	0.409 ug/L	100
54) o-Xylene	10.12	106	3174	0.073 ug/L	91
56) Isopropylbenzene	10.50	105	21477	0.189 ug/L #	97

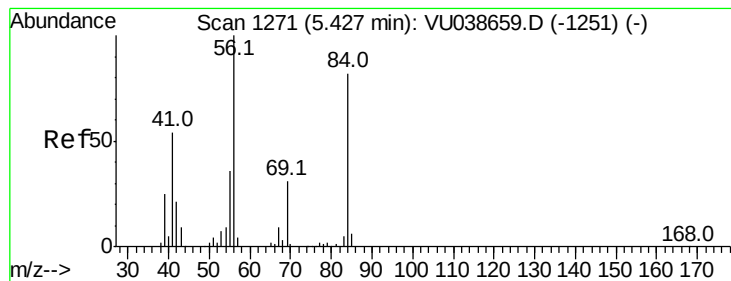
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 00:46:08 2020
Response via : Initial Calibration





#30

Cyclohexane

Concen: 0.455 ug/L

RT: 5.42 min Scan# 1268

Delta R.T. -0.01 min

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F9D05DL

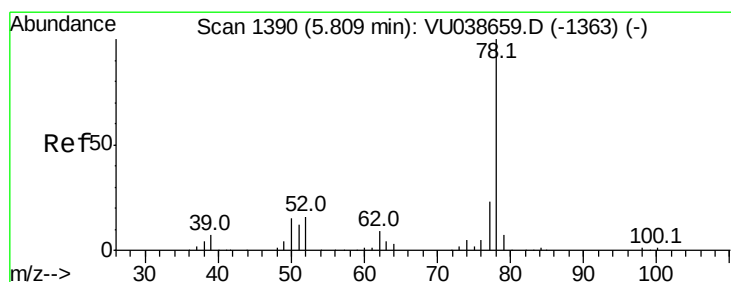
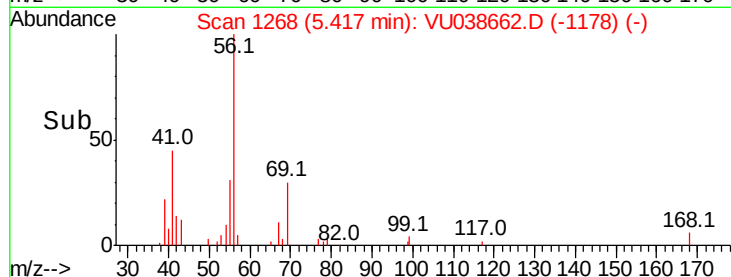
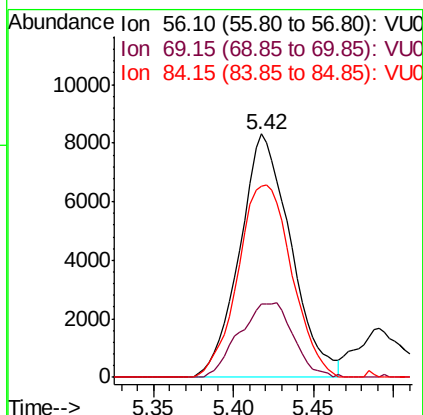
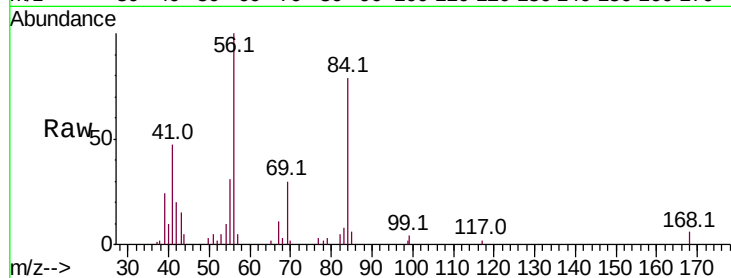
Tot Ion: 56 Resp: 18163

Ion Ratio Lower Upper

56 100

69 32.4 24.2 36.4

84 83.4 70.8 106.2



#33

Benzene

Concen: 7.668 ug/L

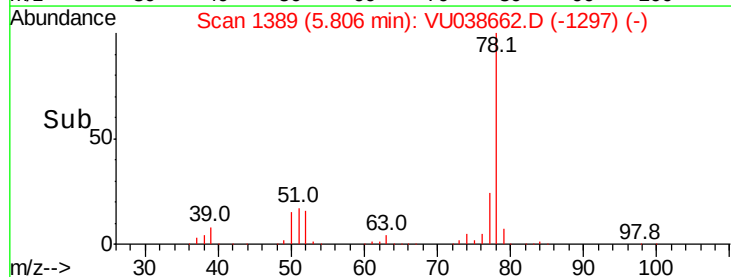
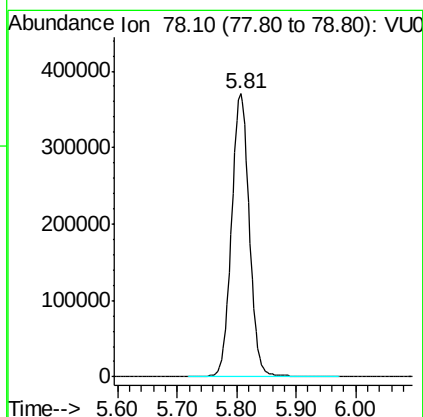
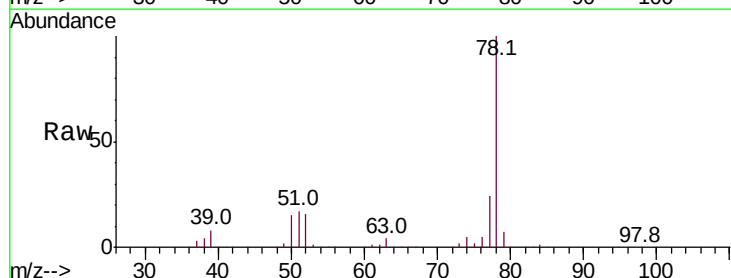
RT: 5.81 min Scan# 1389

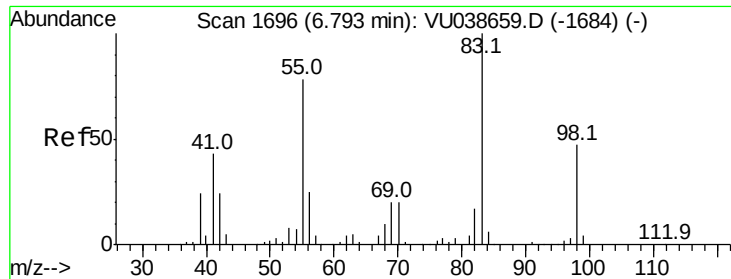
Delta R.T. -0.00 min

Lab File: VU038662.D

Acq: 08 Jun 2020 12:01

Tgt Ion: 78 Resp: 768642

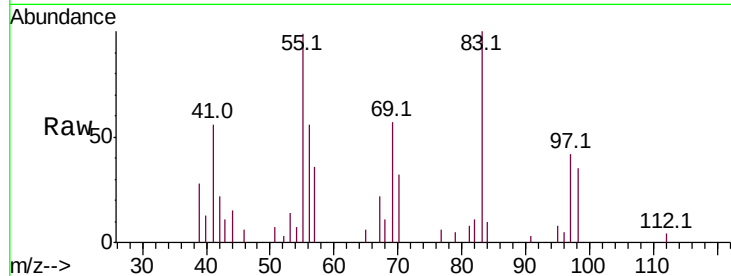




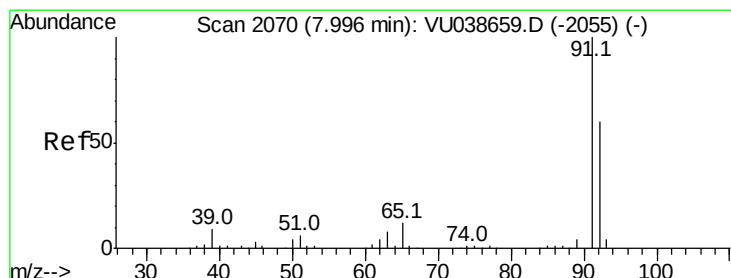
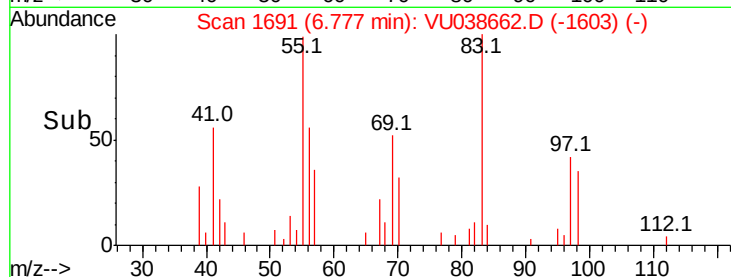
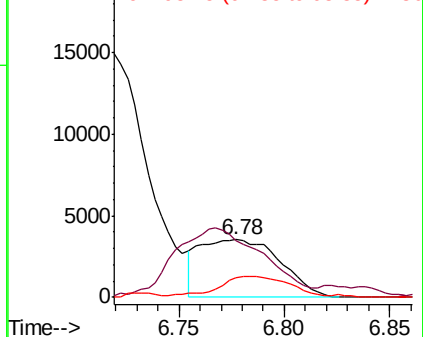
#35
Methylvlcyclohexane
Concen: 0.233 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. -0.02 min
Lab File: VU038662.D
Acq: 08 Jun 2020 12:01

Instrument :
MSVOA_U
ClientSampleId :
F9D05DL

Tot Ion: 83 Resp: 9388
Ion Ratio Lower Upper
83 100
55 133.3 63.4 95.2#
98 28.4 39.0 58.4#

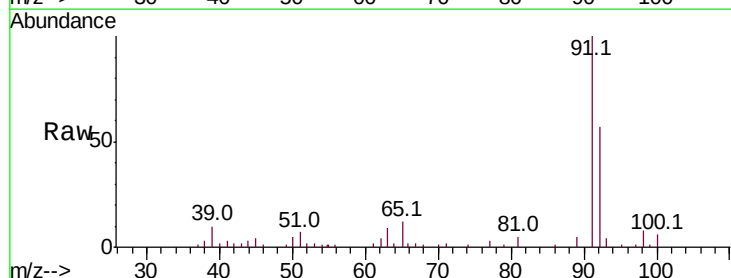


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

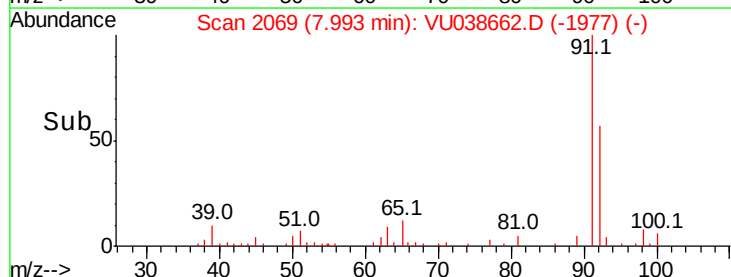
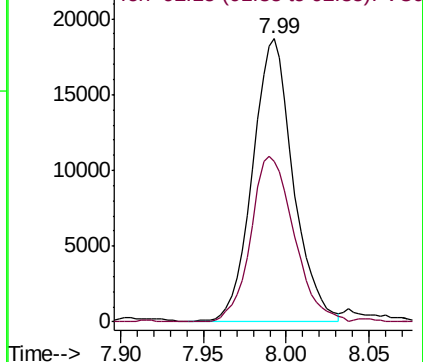


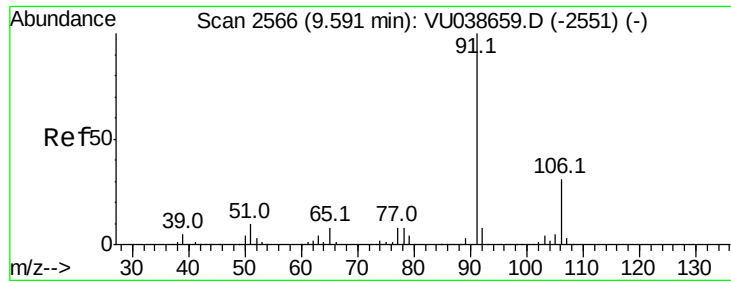
#42
Toluene
Concen: 0.305 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038662.D
Acq: 08 Jun 2020 12:01

Tgt Ion: 91 Resp: 32024
Ion Ratio Lower Upper
91 100
92 56.7 43.0 79.8



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 0.409 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU038662.D

Acq: 08 Jun 2020 12:01

Instrument :

MSVOA_U

ClientSampleId :

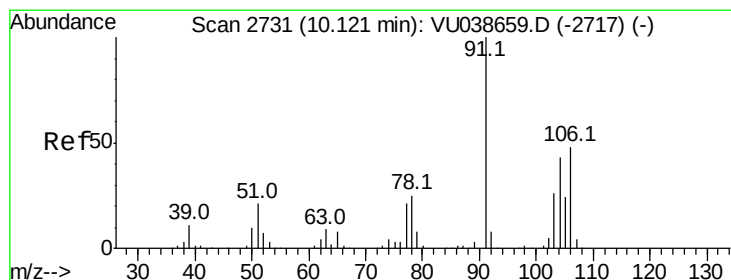
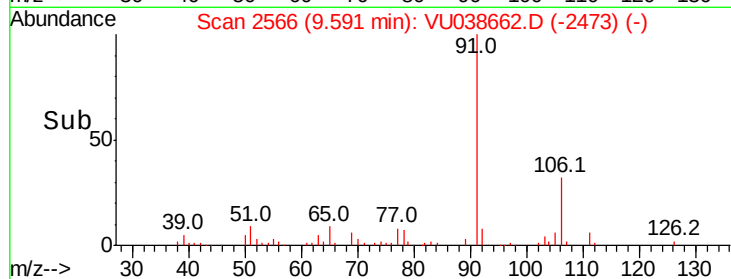
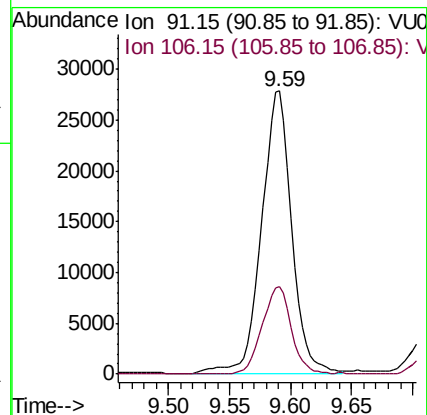
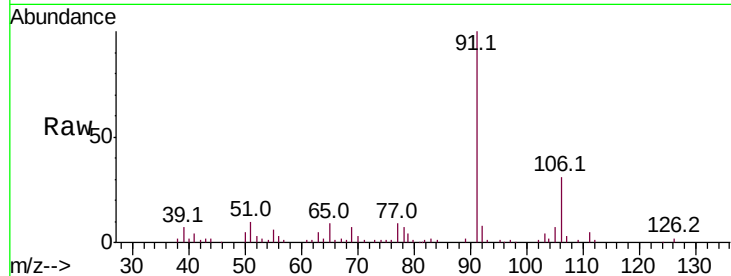
F9D05DL

Tot Ion: 91 Resp: 47852

Ion Ratio Lower Upper

91 100

106 31.0 21.7 40.3



#54

o-Xylene

Concen: 0.073 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VU038662.D

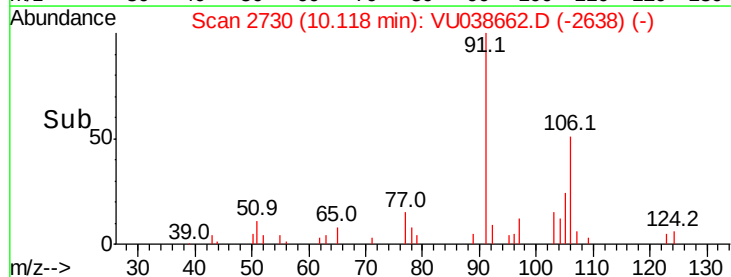
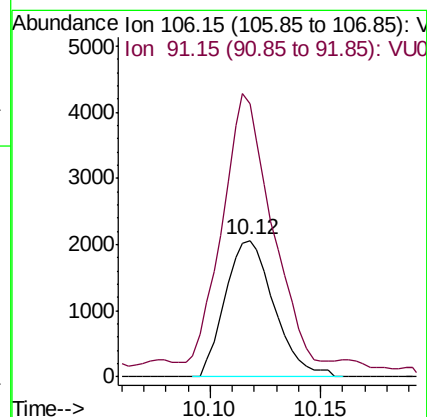
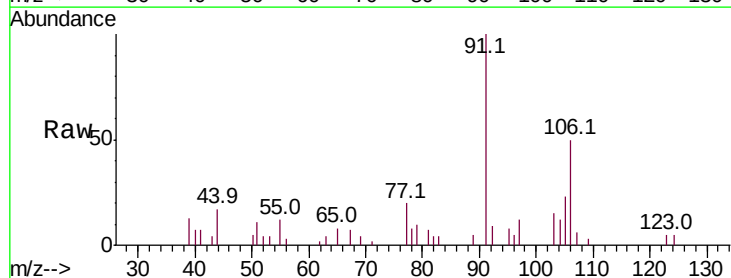
Acq: 08 Jun 2020 12:01

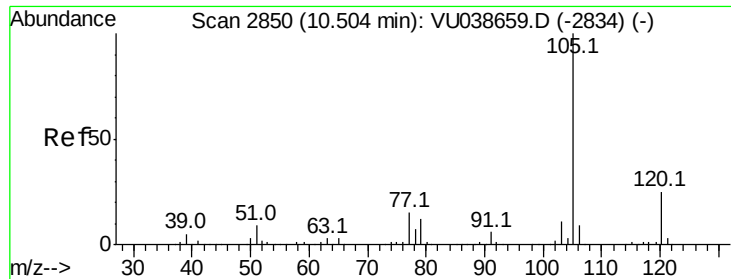
Tgt Ion: 106 Resp: 3174

Ion Ratio Lower Upper

106 100

91 200.3 150.6 279.8





#56

Isopropylbenzene

Concen: 0.189 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038662.D

Acq: 08 Jun 2020 12:01

Instrument :

MSVOA_U

ClientSampleId :

F9D05DL

Tot Ion:105 Resp: 21477

Ion Ratio Lower Upper

105 100

120 26.1 20.7 31.1

77 19.1 12.5 18.7#

